

### UNITED STATES SHIPPING BOARD EMERGENCY FLEET CORPORATION

## TIMBER SCHEDULE AND SPECIFICATIONS

FOR

### STANDARD WOOD STEAMSHIP

GULF AND ATLANTIC COAST LARGELY SOUTHERN YELLOW PINE

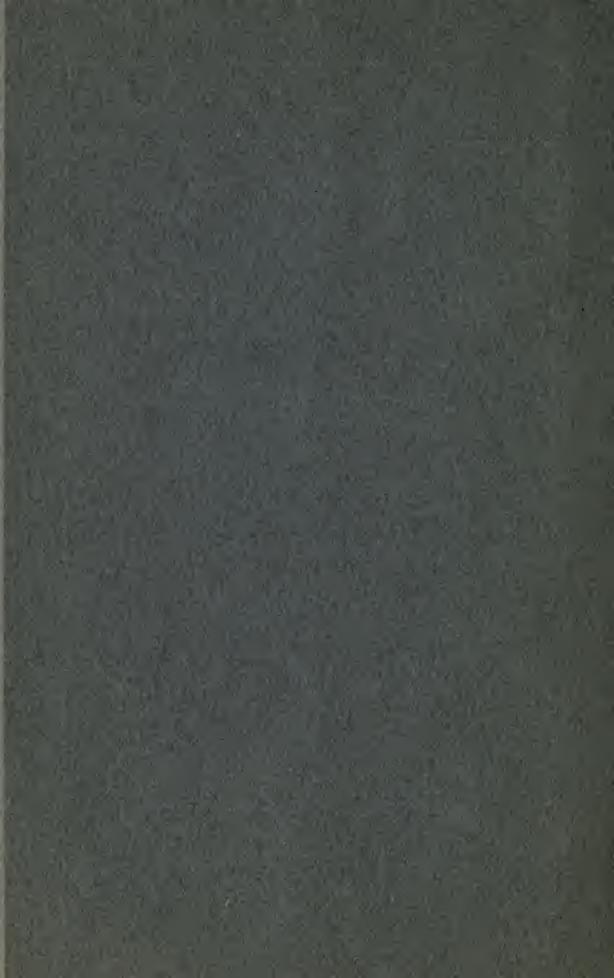
REVISED JANUARY 1, 1918



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Supersedes No. 18

WASHINGTON
GOVERNMENT PRINTING OFFICE
1918



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## STANDARD WOOD STEAMSHIP

GULF AND ATLANTIC COAST
LARGELY SOUTHERN YELLOW PINE

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#### TIMBER SCHEDULE AND SPECIFICATIONS

FOR

STANDARD WOOD STEAMSHIP, GULF AND ATLANTIC COAST.

#### GENERAL INFORMATION.

This schedule has been drafted for the information and guidance of lumber mills, contractors, and shipbuilders, and constitutes the official schedule of timbers to be used in the construction of wooden vessels on the Gulf and Atlantic coasts. It does not, however, definitely define the exact number of timbers nor the exact amount of board feet that will be required to build a standard wood steamship. Builders may find it necessary to purchase additional items in order to complete the construction of the vessel to requirements of the Classification Society.

The purchase and inspection of lumber under this schedule will be conducted by the Emergency Fleet Corporation or under its direction.

Inspections will be made at the mills where lumber

is manufactured.

Approved January 1, 1918.

United States Shipping Board Emergency Fleet Corporation,

Vice President and General Manager.

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## RULES GOVERNING TIMBER SCHEDULE.

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The accompanying lumber schedule is governed strictly by the following rules:

1. Dimensions of timbers in the form to be used in the ship are net, after surfacing. Material must be sawed large enough to surface down to these dimensions. Dimensions and quantities in the rough, in accordance with the usual milling practice, are given separately for the information of manufacturers.

2. The specification of "Dense merchantable" long-leaf yellow pine means the following, as quoted from the January 1, 1917, grading rules issued by the South-

ern Pine Association.

"All merchantable timbers shall be well manufactured and shall be free from defects such as injurious ring and round shakes and through shakes that extend to the surface, unsound and loose knots, and knots in groups that will materially impair the strength. Seasoning checks and sap stain shall not be considered

defects.

"Sizes under 9 inches on the largest dimension shall show two-thirds or more heart surface on one of the wide faces; sizes 9 inches and over on the largest dimension shall show two-thirds or more heart on both of the wide faces. When sticks are square the face showing the most heart shall govern the inspection on sizes under 9 inches and the two faces showing the most heart shall govern the inspection when 9 inches and over. Heart showing the full length, even if not two-thirds of the area as above, shall meet the requirements of this quality.

"Wane not exceeding one-eighth of the dimension of the face and one-quarter of the length of the piece on one corner, or the equivalent on two or more corners on not to exceed 10 per cent of the pieces, shall be admitted.

"Dense southern yellow pine shall show on either end an average of at least six annual rings per inch and at least one-third summer wood, or else the greater number of the rings shall show at least one-third summer wood, all as measured over the third, fourth, and fifth inches of a radial line from the pith. Wide-ringed material excluded by this rule will be acceptable, provided that the amount of summer wood as above measured shall be at least one-half.

"The contrast in color between summer wood and spring wood shall be sharp and the summer wood shall be dark in color, except in pieces having considerably above the minimum requirement for summer

wood.

"In cases where timbers do not contain the pith, and it is impossible to locate it with any degree of accuracy, the same inspection shall be made over 3 inches on an approximate radial line beginning at the edge nearest the pith in timbers over 3 inches in thickness and on the second inch (on the piece) nearest to

the pith in timbers 3 inches or less in thickness.

"In dimension material containing the pith but not a 5-inch radial line, which is less than 2 by 8 inches in section or less than 8 inches in width, that does not show over 16 square inches on the cross section, the inspection shall apply to the second inch from the pith. In larger material that does not show a 5-inch radial line the inspection shall apply to the 3 inches farthest from the pith.

"The radial line chosen shall be representative. In case of disagreement between purchaser and seller, the average summer wood and number of rings shall be

the average of the two radial lines chosen."

3. Items 29, 97, 99, 102, 106, 107, 108, 110, 111, 112, 115, 118, 122, 123, 134, and 136 are to be furnished under the density rule, but one wide face of every piece must be all heart, free of wane. All these tim-

bers except item 29 must show on edges adjoining the heart face 85 per cent heart the full length of stick, which may be reduced to three-fourths of the length for item 29.

- 4. The specifications governing yellow pine grades No. 1 common, A edge grain flooring, and A finish are given in the Standard Specifications for Grades of Southern Yellow Pine Lumber issued by the Southern Pine Association April 1, 1917.
- 5. Cypress timbers shall be equivalent in grade to No. 1 common. The specifications governing cypress grades are given in the Standard Grades and Classifications of the Southern Cypress Manufacturers' Association, edition of January 1, 1917.
- 6. Oak items, unless otherwise specified, shall be selected stock from the grade of construction oak timbers. The specifications governing oak grades are given in Association Standard Grades issued by the Hardwood Manufacturers' Association of the United States October 1, 1915.
- 7. Knees shall be free from rot, heart, or ring shake, large or loose knots, and other defects which would impair their strength for the purpose intended. They must be natural crooks.
- 8. Treenails shall be of clear all-heart wood, straight grained, and thoroughly air dried.
- 9. Unsurfaced items 40 feet long and over and 18 by 18 inches and over may be furnished by the mills either hewn or sawed. If furnished hewn, such items shall run a full inch over the specified size and be square edged and of uniform size throughout.

Items 145, 146, 147, 148, 149, 150, and 151, oak timbers, may be furnished by the mills either hewn or sawed. If furnished hewn, they shall run a full inch

over the specified size and be square edged and of uniform size throughout.

10. Any finished timbers in this schedule which ship-builders may desire to have furnished rough, gross size, may be furnished that way by mutual arrangement with the mills designated to saw the timbers.

11. The frame timbers to be either square edged or flitches, provided that the specified width is obtained at the narrowest point inside of the bark, except where templets are used as provided for in rule 16.

12. All timbers that are furnished rough can be put into ships unsurfaced except as regards necessary surfacing to make a good workmanlike job in the fitting of the timbers and the surfacing that would be brought about by having to shape the timbers.

13. Substitutions.—Any yellow-pine items can be furnished in real white oak or live oak of the sizes as specified. Any of the larger sized yellow-pine timbers may be furnished in fir if desired, in the same sizes as shown in this schedule.

Items specified to be furnished in white oak can be furnished in live oak or greenheart, but not in fir or yellow pine, except that the keel shoe may be of gum or other material approved by the American Bureau of Shipping.

The frames may be furnished in red swamp cypress in the same sizes as given in the schedule. Red swamp cypress may also be substituted for the aprons, deadwoods, hooks, and pointers in the same sizes as given in the schedule. These are items 7, 10, 12, and 125.

14. Firms which do not have facilities for manufacturing finished treenails, but which wish to supply rough lumber from which treenails may be made by ship-

building firms, may find the following suggestions helpful:

Treenails, finished size 1½ by 26 inches, can be manufactured from 1½ by 1½ by 26 inches rough dimension stock. Amount of lumber in each piece is 0.405 board foot.

Treenails, finished size 1\frac{3}{8} by 32 inches, can be made from 1\frac{1}{2} by 1\frac{1}{2} by 32 inches rough dimension stock, each piece containing \frac{1}{2} board foot.

Treenails, finished size  $1\frac{2}{3}$  by 36 inches, can be made from  $1\frac{1}{2}$  by  $1\frac{1}{2}$  by 36 inches rough dimension stock, each piece containing 0.562 board foot.

15. In view of portions of certain of the timbers being cut away by shaping, scarfs, etc., the following defects may be allowed, in the discretion of the owner's timber inspector:

Item 4. Knightheads: These can have 12 inches of wane the entire length of one corner or any other defect that will work out.

Item 5. Stem: Wane or any other defect anywhere in the piece that will work out when timber is shaped will be allowed.

Items 23, 26, and 27. Hatch strong backs: These can have wane the entire length on two corners or any other defect that will work out when timber is shaped.

Item 32. Clamp timbers: 2,400 linear feet of these can have 5 inches of wane the entire length on one corner or any other defect that will work out when timber is shaped. Splits, shakes, or any other defects in the end that will work out in the scarf will be allowed.

Items 31 and 56. Bilge ceiling: 2 inches of wane or other defects that will work out will be allowed on two

both least at the said length, adding together and

dividing by two.

corners or sides on 600 linear feet of item No. 31 and 400 linear feet of item No. 56.

Items 41 to 52. Upper deck beams: Wane or any other defect will be allowed that will work out when the timber is shaped to 14 inches in width or as shown by plan of typical midship beam. In this connection it may be stated that items 41 to 51, inclusive, have the same camber in proportion to their length beginning at the center as item No. 52.

Items 77 and 78. Hatch coamings: These can have wane on one corner the entire length or any other defect that will work out.

Items 18, 19, 29, 31, 32, 34, 56, 57, 64, 65, 69, 70, and 76 will allow wane, splits, shakes, or any other defects that will work out on half splice or scarfs.

16. It is desirable to use natural crooks as much as possible for curved timbers, and the dimensions of a number of the frame timbers can be considerably reduced by their use. To assist in this work templets showing the shape of the finished timber can be employed. Templets should be large enough to allow for the beyel of the frames. The detail frame plan will show the shape of the frame timbers, and the difference between the net size and the mill size there specified will show the amount to be added to the width as drawn to obtain the necessary width of the templet. Unless the templets are furnished by the shipbuilder they should be used only as a general guide in the selection of the timbers. All shipbuilders are to furnish the mills with paper templets, showing the finished size of flitches, 20 inches and wider. The width for invoicing shall be obtained by measuring the width on both faces at the mid length, adding together and dividing by two.

- 17. If the bilge planking is not edge bolted and the bilge frames are sawed out of wide flitches instead of being cut from natural crooks, filling floors will have to be fitted at the bilges in accordance with drawing 373 No. 18A. The edge bolting of the planks is preferred.
- 18. All timbers must be marked with paint on ends with the item number.
- 19. Short timbers may be furnished in multiples if the pieces are properly marked. Thus, a 14-foot piece for two 35A items should be marked 35A2, a 16-foot piece for one 35E and one 35G item should be marked 35E&G.
- 20. The dressed side of planking shall be the sap side and the heart side is to be placed against the frames.

Timber schedule for standard wood steamship—Gulf and Atlantic coast.

| Species and grade.        | Long leaf yellow<br>pine, dense mer- | cnantable.<br>Do.<br>Do. |   |  |
|---------------------------|--------------------------------------|--------------------------|---|--|
| Finish.                   | Rough                                | Rough                    | Rough<br>Rough<br>Rough<br>Rough<br>Rough                         | Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough  |
| Gross<br>footage.         | Ft. b. m. 480                        | 624                      | 2,560<br>1,173<br>2,112<br>2,112<br>2,640                         | 3, 360<br>1, 120<br>1, 120<br>1, 144<br>1, 568<br>37, 780<br>2, 464<br>3, 584<br>5, 553  |
| Num-<br>ber of<br>pieces. |                                      | 10                       | SHUSHE  | 00000000000000000000000000000000000000   |
| Length.                   | Feet.                                | 26<br>16 to 32           |   | 20.2<br>20.2<br>20.2<br>20.2<br>20.2<br>20.2<br>20.2<br>20.2   |
| Linear<br>feet.           |                                      | 240                      | 120   |  |
| Gross<br>size.            | Inches.                              | 16x18<br>12x24           | 16x24<br>16x20<br>16x20<br>16x16<br>16x18<br>16x22<br>12x22       | 14x16<br>14x16<br>14x16<br>14x16<br>14x16<br>14x16<br>14x16<br>14x16<br>14x16<br>14x16<br>14x16  |
| Net size.                 | Inches.                              |                          |   |  |
| Part,                     | Rudder blade                         | do Hull end framing      | Knightheads Stem Rudder blade Apron Rudder blade Hull end framing | Forward deadwood  Hold beams  After deadwood  Proposition of the control of |
| Item<br>prices.           | \$36. 50                             | 41.06                    | 91. 25<br>91. 25<br>38. 32<br>51. 10<br>68. 43<br>91. 25          | 31. 94<br>31. 94<br>38. 32<br>45. 67<br>48. 36<br>51. 10<br>57. 75   |
| Item.                     | ,—                                   | 27 00                    | 4100100   | 110<br>112<br>115<br>116<br>117<br>118<br>119<br>119   |

| Do.<br>Do.   | Long leaf yellow pine, dense (see rule 3).  Long leaf yellow pine, dense mer- | chantable.<br>Do.<br>Do.                                      | DO:                                     | Long leaf yellow pine, dense merchantable (see rule 19). |
|--|---|---|---|--|
| 1 224 Rough<br>8 2,091 S4S<br>34 9,996 Rough<br>1 343 S4S<br>1 408 S4S     | 22, 867 Rough.  | 32, 667 Rough<br>58, 800 S4S<br>784 S4S                       | 5,389<br>588<br>735<br>43,904           | 2 476 Rough  |
| 14x16       14x14       14x14       14x14       14x14       21       14x14 | 14x14 1, 400 24to 40 av., 32 av., 32  | 14x14 2,000 24 to 40 32 av., 32 14x14 3,600 30 to 50 14x14 24 |   | 12x34 7  |
| Rudder blade   | Upper deck waterway.  Girder timbers and 134x134 hatch coamings.              | Bilge ceiling   | ns.                                     | (Umitted.)<br>Frames                                     |
| 21 31.94<br>22 27.37<br>23 29.20<br>24 27.37<br>25 31.02<br>31.94          | 45. 59<br>35. 59  | 31 35. 59<br>32 42. 89<br>33 A 31. 94                         | 31. 94<br>38. 32.<br>41. 97.<br>45. 62. | 35A 100.00   |

Timber schedule for standard wood steamship—Gulf and Atlantic coast—Continued.

| Toron choches press- | Species and grade.        | Long leaf yellow pine, dense merchantable (see rule 19). Do. Do. Do. Do. Do. Do. Do. Do. Do. Do   |
|----------------------|---------------------------|---|
|                      | Gross Finish.             | 2, 632 Rough 14, 040 Rough 1, 260 Rough 1, 260 Rough 20, 654 Rough 3, 300 Rough 4, 032 Rough 1, 024 Rough 4, 928 Rough 4, 928 Rough 6, 720 Rough 7, 020 Rough 7, 020 Rough 6, 720 Rough 7, 928 Rough 7, 928 Rough 1, 680 Rough 1, 920 Rough 2, 184 Rough 2, 184 Rough 1, 920 Rough 2, 184 Rough 1, 920 Rough 1, 920 Rough 2, 184 Rough 1, 920 Rough 1, 920 Rough  |
| ,                    | Num-<br>ber of<br>pieces. | 22 01 22 4 2 2 2 3 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9  |
|                      | Length.                   | 1000 12 1000 8 7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6  |
|                      | Linear<br>feet.           |   |
|                      | Gross<br>size.            | 12 x 32<br>12 x 32<br>12 x 30<br>12 x 30<br>12 x 30<br>12 x 28<br>12 x 2 |
|                      | Net size.                 | . Inches.   |
|                      | Part,                     | Frames.  do   |
|                      | Item. Item prices.        | 35B\$100.00<br>35C 100.00<br>35E 90.00<br>35E 90.00<br>35H 90.00<br>35H 90.00<br>35H 82.25<br>35K 82.25<br>35K 82.25<br>35K 82.25<br>35K 82.25<br>35K 79.50<br>35F 79.50<br>35F 79.50   |

Rough 8468000448000012428000128475982991239 12x24 12x24 12x24 12x22 12x22 12x22 12x20 355 X 355 X

Timber schedule for standard wood steamship—Gulf and Atlantic coast—Continued.

|        |                           | yellow<br>e mer-<br>seerule   |
|--------|---------------------------|---|
|        | Species and grade.        |   |
|        | pecies ar                 | ong leaf derichantable der Chantable der Chantable Do.  |
|        | Ω.                        | A Company of the comp  |
| O June | Finish                    | Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough |
| -      | Gross<br>footage.         | Fr. b. m. 22, 944<br>41, 1320<br>41, 1848<br>11, 5688<br>11,  |
|        | Num-<br>ber of<br>pieces. | 41 88.00 8 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |
| 1      | Length.                   | Peet. 18 33 33 32 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   |
|        | Linear<br>feet.           |   |
|        | Gress<br>size.            | 12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x14<br>12x14<br>12x14<br>12x14<br>12x14<br>12x14<br>12x12<br>12x14<br>12x12<br>12x14<br>12x12<br>12x14<br>12x12<br>12x14<br>12x12<br>12x14<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16<br>12x16 |
|        | Net size.                 | Inches  |
| •      | Part.                     | Frames  do  do  do  do  do  do  do  do  do  d   |
|        | 0                         |   |
| OFF-   | Item<br>prices.           | \$31. 93<br>36. 00<br>36. 00<br>36. 00<br>37. 36<br>27. 36<br>27. 36<br>35. 58<br>35. 58<br>35. 58<br>36. 50<br>36. 63<br>37. 50<br>37. 50<br>3   |
| 2000   | tem.                      | 39E<br>39F<br>39F<br>39C<br>39C<br>39C<br>39C<br>40D<br>40D<br>40D<br>40E   |

|   | Do.<br>Do.                | Do.                             | Do.  | Do.  | Do.                |
|---|---------------------------|---------------------------------|--|--|--------------------|
| Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough<br>Rough                   | Rough<br>Rough<br>Rough   | Rough<br>S4S                    | Rough S4S  | Rough<br>S4S                                   | 880 Rough          |
| 832<br>1, 152<br>1, 152<br>1, 224<br>1, 224<br>1, 296<br>1, 368               | 1,440<br>31,680<br>16,896 | 42,000                          | 1,800<br>2,520<br>1,536  | 10,368<br>6,000<br>21,600                      | 8                  |
|   | 40                        |                                 | 150  | 36   | 36                 |
| ,<br>22,83,83,23,23,23,23,23,23,23,23,23,23,23,23,23                          | 44 44                     | 24 to 40<br>av., 32<br>30 to 50 | 10<br>10<br>14<br>16   | 24 to 40<br>av.,32<br>30 to 50                 | 24.,420<br>8       |
|   |                           | 3,000                           |  | 500  |                    |
| 12x16<br>12x18<br>12x18<br>12x18<br>12x18<br>12x18<br>12x18<br>12x18<br>12x18 | 12x18<br>12x18<br>12x16   | 12x14                           | 12x12<br>12x12<br>12x12  | 12x12<br>12x12<br>12x12                        | 10x12              |
|   |                           | 11#X13#                         | 114x114  | 114x114<br>114x114                             |                    |
| 00000000000000000000000000000000000000  | :: :25                    | Comitted.) Bilge ceiling        | (Omitted.)<br>Stanchions.<br>(Omitted.)<br>Stanchions.<br>Girder tim | Stanchions. Girder timbers and hatch coamings. | 24. 63 Cant frames |
| 36. 36. 45. 62<br>45. 62<br>45. 62<br>50. 19<br>50. 19<br>54. 75              | 54.75<br>59.31            | 35.59                           | 24. 64<br>24. 64<br>24. 64   | 27.37<br>32.85<br>40.15                        | 24. 63             |
| 44444444<br>9640000000000000000000000000000                                   | 522                       | 57                              | 62<br>62<br>62<br>62   | 63   | 66A                |

Timber schedule for standard wood steamship—Gulf and Atlantic coast—Continued.

| The second state of the se | Species and grade.        | Long leaf yellow    | pine, dense mer-<br>chantable (see rule | 19).<br>Do. | Do.                                   | Do.   | Long leaf yellow | pine (square         | merchantable (see | rule 20). |                 | pine, dense mer-<br>chantable. | Do.                | Do.     | D0.    | Do.           |  | 1381          |
|--|---------------------------|---------------------|---|-------------|---------------------------------------|-------|------------------|----------------------|-------------------|-----------|-----------------|--------------------------------|--------------------|---------|--------|---------------|--|---------------|
|  | ss<br>ge. Finish.         | m.<br>200 Rough     | Mundal 999                              |             | 880 Rough<br>080 Rough                | -     | -                |                      |                   |           | 6, 300 S4S      | The Second                     | -61                | 800 848 |        |               | COULT STATE  | SOLETHINGS IN |
|  | Num-<br>ber of<br>pieces. | Ft. b. m. 32 3, 200 | 10                                      | 16 1,       | o, H                                  | , v.  | . 14 6,          | 100                  |                   |           | 12 6,           | 75                             | 4                  | 41 C    | -6     | 80,           |  | 100           |
|  | Length.                   | Feet.               |   | 12          | တ တ                                   | 22    | 40               |                      | -                 |           | 45              |                                | 17                 | 20      | 25     | 24to          | av., 32  | N             |
|  | Linear<br>feet.           | 2                   | 10                                      | 2           | 4 4                                   | 4, 8  | 4                | O Company            | ٠                 |           | 7               |                                | 2                  | 22      | 76     | 2 8,000       |  | -             |
|  | Gross<br>size.            | Inches.             | 100                                     | . 10x12     | . 10x24                               | 10x24 |                  |                      |                   |           | 3 10x14         |                                | col-st             | 3 10x12 | N-u mi | +: m!-#       | The state of the s | C-07          |
|  | Net size.                 | Inches.             | •                                       | •           | · · · · · · · · · · · · · · · · · · · | •     | 92x133           |                      |                   |           | 94x134          |                                | $9\frac{3}{4}$ x11 | 94x113  | 94×11  | . 10 x11      | -  |               |
|  | Part, 111                 | Cant frames         | Streethan.                              | do          | do.                                   | And   |                  | of Sheet Orders more | Confuery!         |           | Girder keelsons |                                | Hatch strongbacks  | Headers | do-    | Side ceiling. |  |               |
|  | Item<br>prices.           | \$24.63             | 31                                      | -24.        |                                       | 77.55 |                  |                      |                   |           | 41.97           |                                |                    | 24.64   |        |               |  | DE ME         |
|  | I tem.                    | 66B                 | 3.8                                     | 999<br>099  | 67A<br>67B                            | 670   | 69               |                      | -0                |           | 20              | FI                             | 71                 | 72      | 747    | 75            |  | 100           |

| Do.                 | Do.                                       | Do.   | Do.                 |                     | Long leaf yellow<br>pine, dense mer-<br>chantable (seerule | 20).<br>Long leaf yellow |                   | Do.               | Do.     | Do.                         | Do.                     | Do.<br>Do.                     | neg Do.  |
|---------------------|---|---|---------------------|---------------------|--|--------------------------|-------------------|-------------------|---------|-----------------------------|-------------------------|--------------------------------|----------|
| S4S                 | S48<br>S48                                | Rough   | S2S                 | S4S                 | S1S2E  | S4S                      |                   | S4S               | S4S     | S2E                         | S4S                     | S48<br>S48                     | S4S      |
| 22,000              | 1,067                                     | 2, 250  | 4, 853              | 2,986               | 5, 226   | 8, 400                   | 5                 | 4,000             | 2,400   | 53, 600                     | 1, 333                  | 1, 587                         | 1, 120   |
| 9<br>9<br>0<br>9    | 00 00                                     | 9   | 14                  |                     | 16   | 20                       | Î                 |                   | 10      | •                           |                         | 16                             | <b>∞</b> |
|                     | av., 30<br>16<br>24                       | 45  | 20                  | 24 to 40<br>av., 32 | 30 to 40<br>av., 35  | 45                       | 98 36             | 24 to 40          | 20 20   | 24 to 40                    | 20 to 30                | 20 17                          | 24       |
| 2, 200              | 00  | 0             | 0 0                 | 320                 | 560  |                          |                   | 2000              | 0 0 0 0 | 6, 700                      | 200                     | 1                              |          |
| 10x12               | 10x10                                     | 10x10   | 8x26.               | 8x14                | 8x14   | 8x14.                    |                   | 8x12              | 12x12   | 8x12                        | 8x10                    | 8x8<br>7x10                    | 7x10     |
| 93x113              | 93×93                                     | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | 73x26               | 73x133              | 73x133   | 73x133                   |                   | 73x113            | 113x113 | 8x113                       | 7.3×93                  | 72×72<br>62×92                 | 63x93    |
| 40.15 Shelf timbers | 22. 81 Girder timbers and hatch coamings. | 36. 50 Poop, bridge, and fore-                      | Forecastle and poop | P.                  | sneer.<br>Planking, garboards                              | 41. 97 Girder keelsons   | January, bulleton | Bulkhead studding | op.     | (Omitted.)<br>Floor ceiling | 24. 64 Sills and plates | Sills. Poop, bridge, and fore- | 24. 64do |
| 40.15               | 22. 81,                                   | 36. 50  | 91.25               | 35. 59              | 38. 32   | 41.97                    | in it             | 32.84             | 24. 63  | 32.84                       | 24.64                   | 21. 90 23. 72                  | 24. 64   |
| 192                 | 77  | 79  | 08                  | 8                   | 82   | 80                       |                   | 84                | 85      | 86.                         | 88                      | 68 06                          | 91       |

Timber schedule for standard wood steamship—Gulf and Atlantic coast—Continued.

|       | Species and grade.        | Long leaf yellow                 | chantable. Do. Long leaf yellow | edged), dense mer-<br>chantable.<br>Long leaf yellow<br>pine (square | edged), dense mer-<br>chantable (see rule | Long leaf yellow pine, dense mer- | Long leaf yellow<br>pine (square | rules 3 and 20). Long leaf yellow pine, dense merchantable. |
|-------|---------------------------|----------------------------------|---------------------------------|--|---|-----------------------------------|----------------------------------|---|
| 1     | Finish.                   | S4S                              | 725 S4S<br>750 Rough            | SISZE  | STERRE                                    | S4S                               | SISZE                            | S4S   |
| B. Y. | Gross<br>footage.         | Ft. b. m.<br>3, 325              | 4, 725                          | 4,083  |   | 1, 250                            | 41, 667                          | 16,000  |
| ī     | Num-<br>ber of<br>pieces. | 15                               | 18                              | 16   |   |                                   | 8<br>9<br>8<br>0                 |   |
|       | Length.                   | Feet.                            | 500 24 to 40 av., 32            | 30 to 40<br>av., 35  | on of the                                 | 250 20 to 30 av., 24              | 24 to 40<br>av., 32              | 24 to 40<br>av., 32   |
|       | Linear<br>foet.           |                                  |                                 | 260  |   | 250                               | 8,000                            | 1, 600  |
|       | Gross<br>size.            | Inches. 7x10                     | 7x10<br>6x19                    | 64x14  | all o                                     | 6x10                              | 64x10                            | 10x12   |
|       | Net size.                 | Inches.<br>62x92                 | 62x92                           | 6x133  | Jenn                                      | 52x92                             | 6x93                             | 93x113  |
|       | Part.                     | \$31. 94 Poop, bridge, and fore- | 36. 50dodo                      | Planking, garboards  | STREET, STREET,                           | Sills and plates                  | Planking, bilge                  | Shaft tunnel  |
|       | Item<br>prices.           | \$31.94                          | 36.50                           | 38. 32   | . 13                                      | 24. 64                            | 35. 20                           | 32. 84  |
|       | Item.                     | 92                               | 93                              |  | . 55.                                     | 96                                | 97                               | . 68  |

| Long leaf yellow<br>pine (square<br>edged), dense (see | Long leaf yellow pine, dense mer- | Do.              | Long leaf yellow pine, dense (see rules 3 and 20).   | Long leaf yellow pine, dense mer-               | Do.                      | Long leaf yellow             | edged), dense (see rules 3 and 20).  | Do.           | . Do.                  | Long leaf yellow pine, dense merchantable.    |
|--|-----------------------------------|------------------|--|---|--------------------------|------------------------------|--|---------------|------------------------|---|
| 37, 500 SIS2E  | 60 1,92a 84S                      | 1,000 S4S        | 1, 280 Rough   | 1, 280 Rough                                    | 840 S4S<br>600 S4S       | 1,173 S4S                    | 45048 100 FE   | 61, 252 S1S2E | 2, 450 S1S2E           | 5, 000 S4S                                    |
| 8,000 24 to 40 av., 32                                 | ×                                 | 8 250 20 to 30   | 320  | 8 320 24 to 40 av., 32                          | 200                      | 360 24 to 40                 |  | 10,000        | 4 400 24 to 40 av., 32 | 2 1,000 24 to 40 av., 32                      |
| 6x84 64x9  | 54x74 6x8                         | 54x74 6x8        | 6x8  | 6x8   | 54x54 6x6<br>54x54 6x6   | 6x6 64x64                    |  | 5x133 54x14   | 5x133 54x14            | 44x114 5x12                                   |
| 35. 20 Planking, topside                               | 21. 90 Studding                   | Sills and plates | 31. 00 Poop, bridge, and fore-<br>castle decks, lock | Poop, bridge, and fore-<br>castle decks, shelf. | Studding                 | 31.00 Planking, bead streak. | The state of the s | P             | P                      | Castle.  Poop, bridge, and forecastle clamps. |
| 99 35. 20  | 100 21. 90                        | 101 22.81        | 102 31.00  | 103 26.00                                       | 104 21. 90<br>105 22. 81 | 106 31.00                    | 70   | 107 46.50     | 108 46.50              | 109 32.84                                     |

Timber schedule for standard wood steamship—Gulf and Atlantic coast—Continued.

| Species and grade.        | Long leaf yellow             | pine (square<br>edged), dense (see | rules 3 and 20).<br>Do. | Do. of Caller | Long leaf yellow<br>pine, dense mer-                   | cnantable.<br>Do.       | Long leaf yellow          | pine (square edged), dense (see | Long leaf yellow pine, dense mer- | chantable.<br>Do.                   | Total College                      |
|---------------------------|------------------------------|------------------------------------|-------------------------|---------------|--|-------------------------|---------------------------|---------------------------------|-----------------------------------|-------------------------------------|------------------------------------|
| Finish.                   | SISSE                        | NI SURVEY                          | S SIS2E                 | SISZE         | S4S  | S4S                     | 6 SIS2E                   | Agood to                        | 7 848                             | S48                                 | STITE !                            |
| Gross<br>footage.         | Ft.b.m.<br>25, 374           | of The                             | 22, 836                 | 14,002        | 2, 166   | 833                     | 1, 416                    |                                 | 2, 667                            | 5, 333                              | 1000                               |
| Num-<br>ber of<br>pieces. |                              |                                    | 0                       | •             | 0  |                         | •                         |                                 | 1<br>1<br>1<br>1                  |                                     |                                    |
| Length.                   | Feet. 24 to 40               | av., 32                            | 24 to 40                |               | 24 to 40<br>av., 32                                    | 20 to 30                | 24 to 40                  | av., 32                         | 24 to 40<br>av., 32               | 2,000 20 to 40 av., 26              | 100 St Paul                        |
| Linear<br>feet.           | 5, 800                       |                                    | 5,800                   | 4,000         | 650  | .400                    | 400                       |                                 | 800                               | 2,000                               | 7/000                              |
| Gross<br>size.            | Inches.<br>54x10             | (FRE)                              | 54x9                    | 54x8          | 5x8  | ōxō                     | 44x10                     | 2000                            | 4x30                              | 4x8                                 | 100                                |
| Net size.                 | Inches.<br>5x93              | Billio                             | 5x83                    | 5x73          | 43x72  | 43x43                   | 4x9½                      | i                               | 34x94                             | 34x74                               | 100                                |
| Part.                     | \$37.02 Planking, bottom and | side,                              | 35. 20 do               | 34. 20 do     | 29. 20 Poop, bridge, and fore-<br>castle decks, shelf. | 22. 81 Sills and plates | 37. 02 Planking, bulwarks | 25 10 Post perference par       | 31. 02 Shaft tunnel               | 27.37 Ends of erections, bulkheads. | of and appropriate private for the |
| Item<br>prices.           | \$37.02                      | 15                                 | 35.20                   |               |  |                         | 37.02                     | 37.10                           |                                   |                                     |                                    |
| Item.                     | 1.10                         | 3                                  | 111                     | 112           | 113  | 114                     | 115                       | 1.7 .                           | 116                               | 117                                 | 1.12                               |

| Long leaf yellow<br>pine (square<br>edged), dense |                   | chantable. Do. Long leaf yellow pine (square edged), dense   | (see rule 3).<br>Do.           | Long leaf yellow pine, dense mer- | Do. Long leaf vellow                                     | pine (square edged), dense merchantable. | Long leaf yellow pine dense mer-chantable. Do. |      |
|---|-------------------|--|--------------------------------|-----------------------------------|--|--|--|------|
| 1, 985 S1S2E                                      | 700 S4S           | 64 597 S4S<br>60 2, 240 S4S<br>63, 219 Rough   | . 3, 010 Rough                 | . 7,200 S4S                       | 7,006 S4S<br>0 19,200 Rough<br>8,000 S4S                 |  | 53 22, 260 S4S<br>9 3, 600 S4S                 | 59   |
| 700 24 to 40 av., 32                              | 350 20 to 30      | 28 6<br>42,000 16 and up,<br>av., 26   | 2,000 16 and                   | 2, 400 14 and                     | 1, 500 24 to 40 av., 32 400 24 400                       |  | 42 5   | I.77 |
| 73 44x8   | 52 4x6            | 4x4<br>4x4<br>4x44   | 44x44                          | 3x8 to16<br>av., 12               | 3x8 3x8  | 20                                       | 13 10x12                                       | ï    |
| rks   4x7½  | 34 X 54 X         | 80 80<br>84 84<br>84 84<br>84<br>84 84<br>84<br>84 84<br>84<br>84<br>84<br>84<br>84<br>84<br>84<br>84<br>84<br>84<br>84<br>84<br>8 | jo /                           | 24x74<br>to 154                   | iters 33x133   | 粉  | 94x114<br>94x114<br>94x114                     | TVEC |
| 36.94 Planking, bulwarks                          | Sills and plates. | Studdingdo   | 56.50 Decking in way of tanks. | Hatch covers                      | Timber for pointers and riders. Cross spalls. Bulkheads. | Designation of the last                  | 38. 20 dodo                                    |      |
| 118 36.94   | 119 22.81         | 120 24. 64 121 27. 37 . 122 56. 50 1   | 123 56.50                      | 124 27.37                         | 125 45.00<br>126 27.37<br>27A 31.00                      |  | 127B 38. 20.                                   |      |

Timber schedule for standard wood steamship—Gulf and Atlantic coast—Continued.

| ned.   | Species and grade.        | eaf y                      | pine, dense mer-<br>chantable.<br>Do. | ,  | Long leaf yellow pine (square              | d),<br>anta | Long leaf yellow<br>pine, dense mer- | cnantable.<br>Do. | Do. Long leaf yellow                   | d)           | Do.          | Do.                            |
|--|---------------------------|----------------------------|---------------------------------------|--|--|-------------|--------------------------------------|-------------------|--|--------------|--------------|--------------------------------|
| -Conun   | Finish.                   | S4S                        | S4S                                   | 248<br>248<br>248                        | 242<br>248                                 |             | S4S                                  | S4S               | S4S<br>S4S                             |              | S4S          | 848                            |
| _aspoo o   | Gross<br>footage.         | Ft. b. m. 3, 400           | 2,520                                 | 2,240                                    | 3,000                                      | 1           | 1,500                                | 125               | 240                                    | 3            | 1,900        | 7,800                          |
| Allanin  | Num-<br>ber of<br>pieces. | 17                         | 14                                    | 100                                      | 90   |             | 09                                   |                   | 15                                     | -            |              |                                |
| uts ana  | Length.                   | Feet.                      | 18                                    | 16                                       | 20 to 40<br>av., 30                        | A           | 20.                                  | 20 to 30          | 24 to                                  |              | 814 24 to 40 | av., 52<br>24 to 40<br>av., 32 |
| Surp C   | Linear<br>feet.           | 0<br>0<br>0<br>0<br>0<br>0 |                                       | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1    | 2,000                                      |             |                                      | 100               | 009                                    |              | 814          | 3,900                          |
| ood steam  | Gross<br>size.            | Inches.                    | 10x12                                 | 10x12<br>3x6                             | 3x6  |             | 3x5                                  | 3x5               | 3x4<br>4x8                             |              | 4x7          | 4x6                            |
| annana m   | Net size.                 | Inches.                    | 93x113                                | 2x x 2x | 2 42 X O X O X O X O X O X O X O X O X O X |             | 23x44                                | 23x43             | 22 X X X X X X X X X X X X X X X X X X | Strend       | 34x62        | 33x51                          |
| timber scheuule for standard wood steamship—Gulf and Allamic coast—Continued | Part                      | 127E \$24.63 Bulkheads     | qo                                    | 24. 63do                                 | Bridge, poop, and fore-<br>castle ceiling. |             | 27. 37 Upper house carlings          | Sills and plates  | PHPH                                   | and bulwark. | op.          | 134C 65.62 do                  |
| 1  | Item<br>prices.           | \$24.63                    | 24. 63                                | 24.63                                    | 36.50                                      |             | 27.37                                | 27.37             | 27. 37<br>65. 62                       |              | 65. 62       | 65. 62                         |
|  | Item.                     | 127E                       | 127F                                  | 128                                      | 130  |             | 131                                  | 132               | 133<br>134A                            |              | 134B         | 134C                           |

|                                      | SIANDARD WOOD SIDMINGITUE.                    |  |                       |                                      |   |  |                       |                       |   |
|--------------------------------------|---|--|-----------------------|--------------------------------------|---|--|-----------------------|-----------------------|---|
| Long leaf yellow<br>pine, dense mer- | chantable.  Long leaf yellow pine (square     | (see rule 3).  Long leaf yellow pine (square edged), dense | merchantable.<br>Do.  | Long leaf yellow<br>pine, dense mer- | chantable.  Long leaf yellow pine, No. 1 com- | Long leaf yellow<br>pine, A edge grain | Long leaf yellow      | Do.                   |   |
| 152 S4S                              | 24, 646 Rough                                 | S4S  | S4S                   | SAS                                  | 6, 768 D.&M.                                  | 8, 910 S2SCM.                          | 2,250 D.&M            | 6,750 D.&M.           | - |
| 152                                  | 24,646  | 1,800  | 4, 500                | 450                                  | 6, 768  | 8, 910                                 | 2,250                 | 6,750                 |   |
| 29                                   |   | 0<br>0<br>0  | 1<br>0<br>0<br>0<br>0 | 0                                    | 8<br>8<br>8<br>8                              | 1<br>1<br>0<br>0                       | 1 1                   | 0 0 0                 |   |
| 7                                    | 16 and up, av., 26                            | 1,800 12 to 24<br>av., 16                                  | 4, 500 20 to 30       | 20 to 30<br>av., 24                  | 12 and up.                                    | 12 and up.                             | 12 and                | 12 and up.            |   |
|                                      | 34x34 28,000 16 and up, av., 26               | 1,800  | 4, 500                | 450                                  | 12x6 14,000 12 and up.                        | 14x4 16,000 12 and up.                 | 1x6 12,000 12 and     | 1x6 16,000 12 and up. |   |
| 3x3                                  | 34x34   | 2x6  | 2x6                   | 2x6                                  | 11,x6   | 14x4                                   | 1x6                   | 1x6                   |   |
| 23x23                                | •   | 13x53  | 14x53                 | 13x53                                | 1,6x54  | 116x31                                 | 18x51                 | 18x51                 |   |
| 27. 37 Studding                      | 65. 62 Poop, bridge, and fore-castle decking. | Engine and boiler hatch planking.                          | Bridge house and aft  | 25. 72 Coal chute                    | 30.11 (Omitted.)                              | 50.19 House decking                    | House sheathing, out- | 田                     |   |
| 27.37                                | 65. 62  | 23. 72   | 25.72                 |                                      | 30.11   | 50.19                                  | 36.50                 | 36.50                 |   |
| 135                                  | 136   | 137  | 138                   | 139                                  | 140   | 142                                    | 143                   | 144                   |   |

1 Square feet.

Total gross footage of yellow pine

10 and 103

E

Market Contraction of the Parket Contraction

Timber schedule for standard wood steamship—Gulf and Atlantic coast—Continued.

| Species and grade,        | White oak, all heart, highest structural | grade. White oak, selected structural.  |  | Do.                          | 9,624                            |
|---------------------------|--|---|--|------------------------------|----------------------------------|
| Finish.                   | Ft. b.m. 1, 000 Rough                    | 816 Rough                               | 800 Rough<br>008 Rough<br>632 Rough<br>720 Rough | 1, 120 Rough<br>528 Rough    |                                  |
| Gross<br>footage.         | Ft. b. m.<br>1, 000                      | 816                                     | 2,800<br>1,008<br>1,632                          | 1,120                        |                                  |
| Num-<br>ber of<br>pieces. | 1  | H                                       | 440  | 14                           |                                  |
| Length.                   | Feet.                                    | 34                                      | 30<br>12<br>34<br>34                             | up.<br>20<br>20<br>11        |                                  |
| Linear<br>feet.           |  | 0<br>0<br>0<br>0<br>0                   | 100  | 1 1                          |                                  |
| Gross<br>size.            | Inches.<br>20x20                         | 16x18                                   | 14x20<br>14x18<br>12x24                          | 3x16<br>16x36                | 0 0 0 0 0                        |
| Net size.                 | Inches.                                  | 0 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0            |                              |                                  |
| Part.                     | Rudder stock                             | Rudder post                             | Sternpost. Shait log. Horn timbers.              | deck chock rails. Keel shoe. | Total gross footage of white oak |
| ltem<br>prices.           |  |   |  |                              | gross foc                        |
| Item.                     | 145                                      | 146                                     | 147  | 151<br>152                   | Tota]                            |

| Species and grade.        | Hack matack or tamarack, white oak, live oak, cypress, spruce, white cedar, western red cedar, western red cedar, mighgrade juniper.  Black or yellow locust, iron bark, bois de arc, or live oak. |
|---------------------------|--|
| Finish.                   |  |
| Gross<br>footage.         | Ft. b. m.  |
| Num-<br>ber of<br>pieces. |  |
| Length. Ser of footage.   | Feet.  |
| Linear<br>feet.           |  |
| Gross<br>size.            | Inches.  |
| Net size.                 | Inches.  |
| Part.                     | Knees. (See detail plan of knees with schedule accompany in g the sketches of the knees.)  Treenails.  |
| Item<br>prices.           |  |
| Item.                     | 153<br>158   |

The number, diameter, and length of treenails are to be in accordance with detail construction and fastening plans. The American Bureau of Shipping or their local surveyors should be consulted as to the necessary finished diameters of the different treenails, some of which will have to be tapered or made in two drifts.

Mold material: 4,000 linear feet of white pine or select common cypress, 1 by 12 inches, in lengths of 14 to 16 feet, surfaced two sides.

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