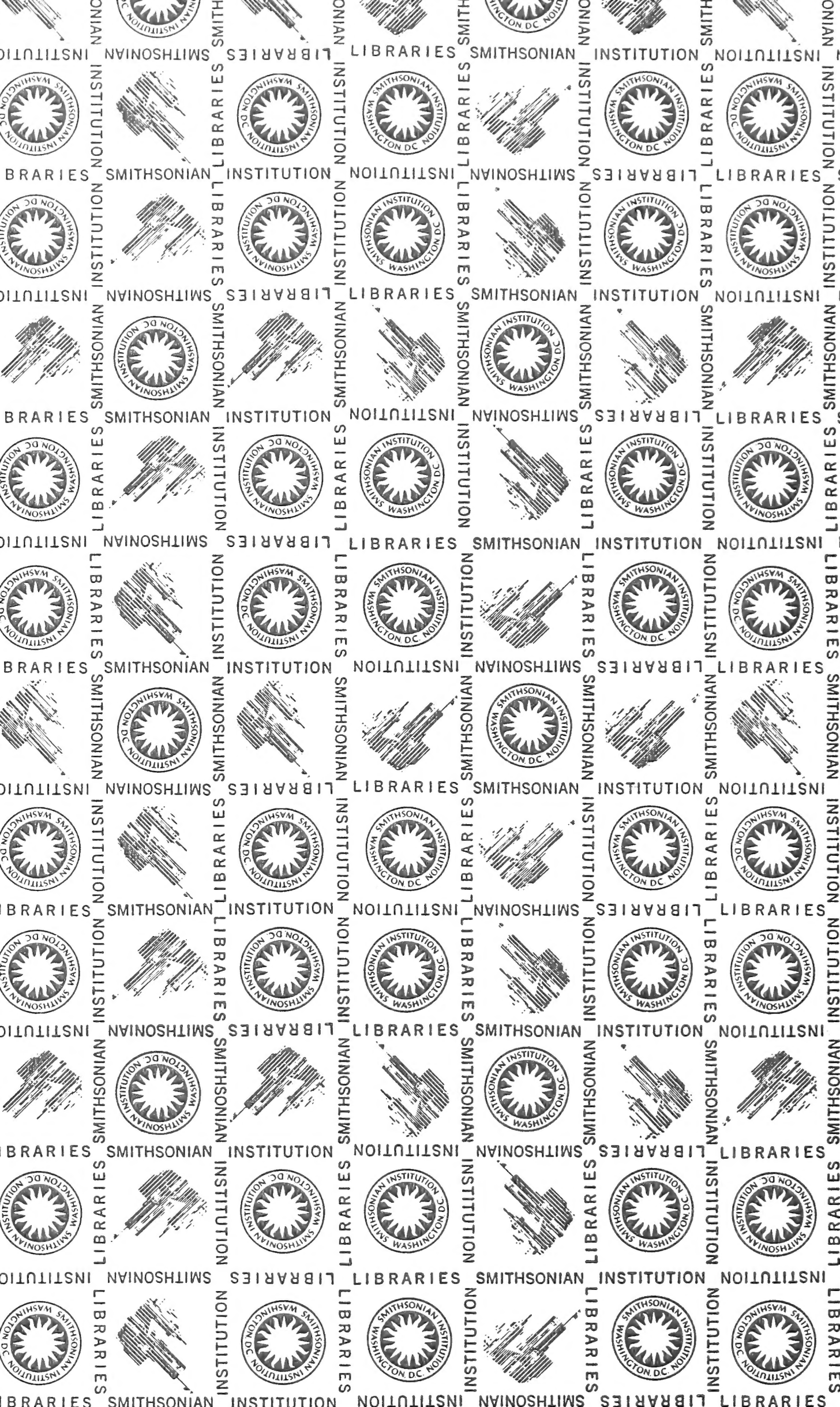
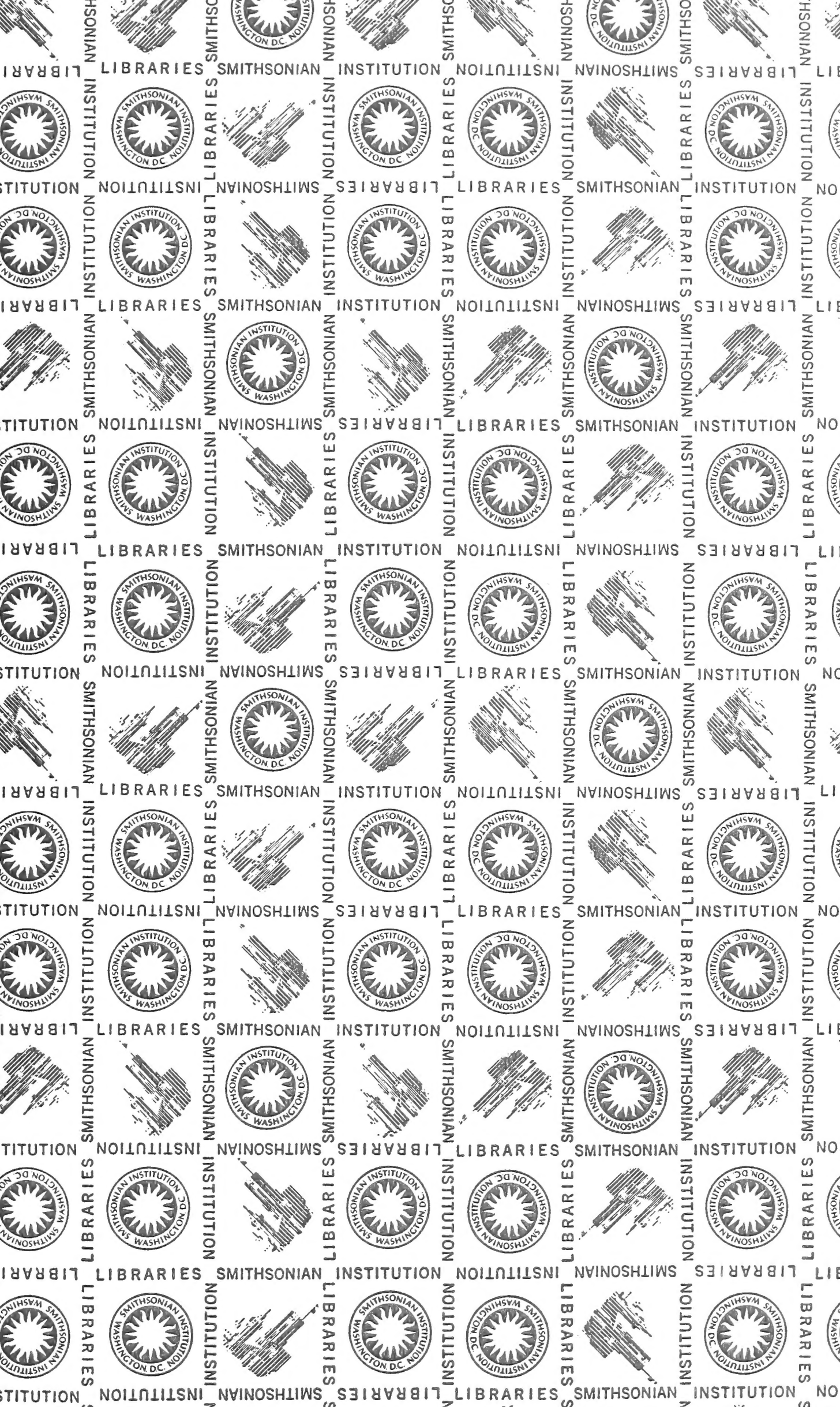

SMITHSONIAN INSTITUTION LIBRARIES


SMITHSONIAN INSTITUTION LIBRARIES

Division of Mollusks
Sectional Library

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
O. H. TITTMANN, Superintendent

SUMMARY

OF

SURVEY OF OYSTER BARS

OF

MARYLAND

1906–1912

By C. C. YATES
Representative of the United States Coast and Geodetic Survey
on the work of the Maryland Oyster Survey

DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA

WASHINGTON
GOVERNMENT PRINTING OFFICE
1913

LETTER OF SUBMITTAL.

DEPARTMENT OF COMMERCE,
COAST AND GEODETIC SURVEY,
Washington, May 23, 1913.

SIR: I have the honor to transmit herewith the final report of the officer detailed from the United States Coast and Geodetic Survey as representative of that service on the work of the Maryland Oyster Survey.

The report, together with its accompanying index chart, is designed to serve both as a summary of and as an index to the 17 technical publications and 43 oyster charts resulting from the cooperation of the Maryland Shell Fish Commission, the United States Bureau of Fisheries, and the United States Coast and Geodetic Survey in the survey of the oyster resources of Maryland.

The work has been done under the provisions of the act of Congress entitled "An act to authorize the Secretary of Commerce and Labor to cooperate, through the Bureau of the Coast and Geodetic Survey and the Bureau of Fisheries, with the Shell Fish Commissioners of the State of Maryland in making surveys of the natural oyster beds, bars, and rocks in the waters within the State of Maryland," approved May 26, 1906, and of the acts of Congress making appropriations for sundry civil expenses of the Government for the fiscal years ending June 30, 1907, 1908, 1909, 1910, 1911, 1912, and 1913.

Respectfully,

O. H. TITTMANN,
Superintendent.

To Hon. WILLIAM C. REDFIELD,
Secretary of Commerce.

CONTENTS.

SUMMARY OF SURVEY OF OYSTERS BARS OF MARYLAND, 1906–1912.

INTRODUCTORY STATEMENTS.

EXPLANATION OF PLAN OF PUBLICATION.

It often happens that the rapid progress of modern science, even when specialized by application to a single class of work, is the indirect cause of an accumulation of technical publications impossible to assimilate and apply to a special case without an amount of labor all out of proportion to the probable benefits to be derived. And this applies with particular force to the six years' work of the Maryland Oyster Survey, as evidenced by its publications consisting of a series of 17 official documents and 43 large-scale charts aggregating over 2,400 printed pages and 400 square feet of chart area.

For reasons similar to those just mentioned, the value of a modern technical publication describing a particular work is for a greater part dependent upon the fidelity with which it is confined to a record of methods and results which can be utilized in future operations of like character. And this end has been accomplished with remarkable success for the work of the Maryland Oyster Survey by Dr. Caswell Grave of Johns Hopkins University and a member of the Maryland Shell Fish Commission from 1906 to 1912, in his Fourth Report of the Shell Fish Commission of Maryland. (*XLIII.*)[1]

The intent of this "Summary" is to supplement Dr. Grave's report, first, by an index chart which also serves as a graphical summary; second, by a brief explanation of the relation of the work of the Government to the Maryland Oyster Survey; third, by a summary of the essential features of the work of the Maryland Oyster Survey; fourth, by a statement of conclusions thought to be of value for use in connection with future oyster surveys; fifth, by a list of publications relating to the oyster industry of Maryland; and, sixth, by a technical index to all publications of the Government and the State directly resulting from the work of the Maryland Oyster Survey.

INDEX CHART AS A GRAPHICAL SUMMARY.

The best summary and index of the six years' work of the Maryland Oyster Survey, and probably the most useful and interesting feature of this publication, is the "Index Chart" in the folder.

The chart is self-explanatory as to details. But other considerations suggest that attention be directed to the magnitude of the shellfish resources of Maryland and to the magnitude of the actual work of the survey as indicated graphically by

[1] See "References," p. 19.

the green and red tinted areas on the water, the numerous small red triangles on the land, and the limits of the many large-scale charts required to represent these results in a practical form for future use.

RELATION OF THE WORK OF THE GOVERNMENT TO THE MARYLAND OYSTER SURVEY.

The Maryland Oyster Survey possessed the somewhat unusual character of having in its participants three separate Government bureaus and one State commission,[1] all engaged in a common work leading to the conservation and the increase of the supply of food in the form of oysters.

In priority of the Government's interest in the subject of oysters, it is so self-evident that the United States Bureau of Fisheries comes first that this phase of the subject requires no explanation. (*IX, X, XI, XII, XIII*, etc.)[2] And the connection of the work of the United States Bureau of Chemistry with the sanitary conditions of the oyster industry is made equally evident by the fact that it is this Bureau which administers the pure-food laws of this country. (*XXXV.*)[2] But the relation of the United States Coast and Geodetic Survey to such work is not so easy to explain. (*XXXIV.*)[2]

The United States Coast and Geodetic Survey includes among its many functions not only the supplying of the chart-making needs of navigation, but also the laying of the geodetic foundation for a large part of the geographic work of our country; and it naturally follows that this foundation part of an "oyster survey" should be laid by the institution normally performing this class of work. Just as in a similar sense, it is better and more economical to have the foundation of a building laid by those experienced in such work, even though in the end it is the superstructure erected on the foundation which is utilized and appreciated by the public.

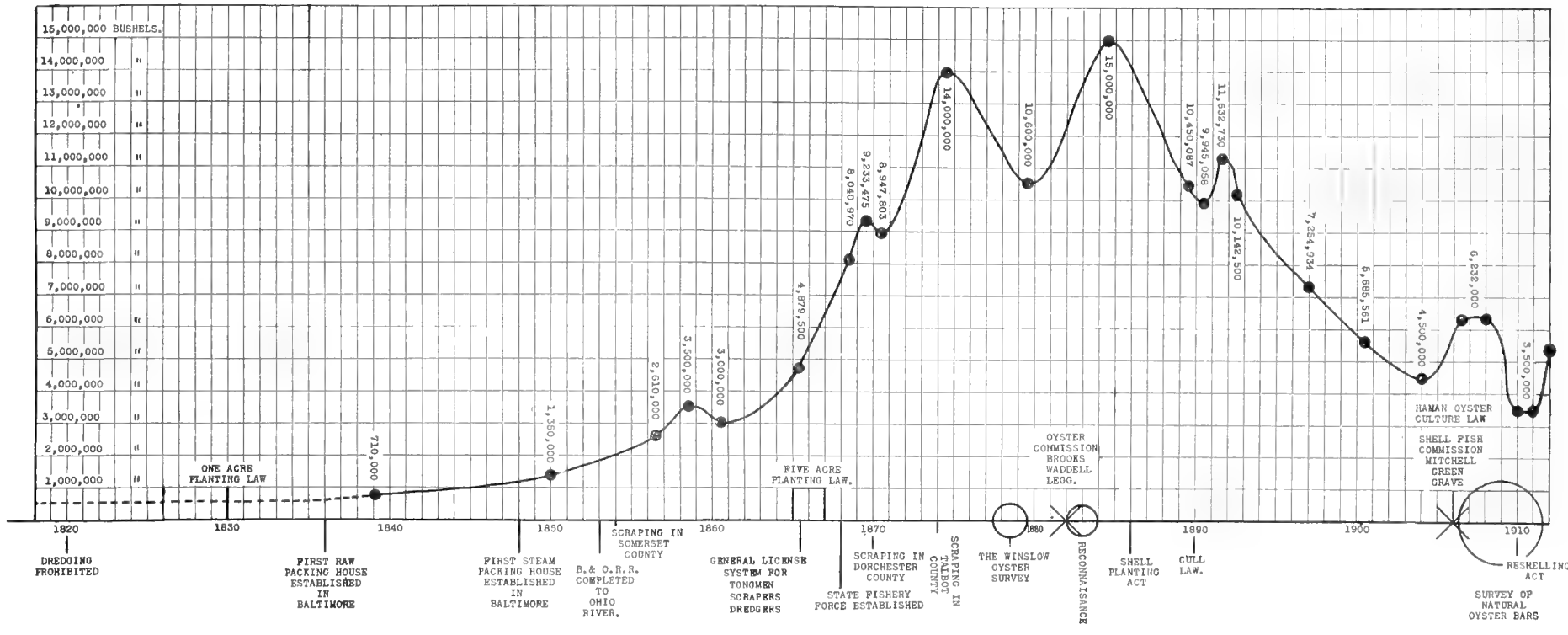
Or stated in another way, it is only a question of the practical connection between the work of the United States Coast and Geodetic Survey in surveying and charting the waters of the coasts for the purposes of navigation, and the work of a so-called "oyster survey" in surveying and charting the oyster bottoms of these same waters of these same coasts for the purpose of developing the oyster industry of our country.

---

[1] U. S. Bureau of Fisheries, U. S. Coast and Geodetic Survey, U. S. Bureau of Chemistry, and Maryland Shell Fish Commission.

[2] See "References," p. 19.

Diagram Showing the History of Oyster Production and Oyster Legislation in Maryland.



MARYLAND OYSTER SURVEY.

HISTORY.

A summary view of the history of the oyster industry of Maryland is graphically represented by the diagram by Grave, which faces this page. (*XXXVI.*) [1]

Another summary view of the same subject is presented by the chronological table of publications under the head of "References," [1] which were selected and arranged partly for that purpose.

The diagram and the table of publications, while being in most respects a sufficient historical statement for the purposes of this publication, do not do justice to the many whose unselfish activities for the benefit of the oyster industry of Maryland have not followed the line of public work leading to a corresponding amount of printed records. And although these public-spirited citizens and officials are hundreds in number, there stands out at the head of this line of achievement, as do Brooks (*V*) [1] and Winslow (*II*) [1] along their respective lines, the author [2] of the Haman Oyster Culture Law (*XLIII*, pp. 353–372) [1] who has most splendidly and persistently led the movement which has molded the history of oyster culture in Maryland for more than twenty years down to the present time. (*VII.*) [1]

OBJECT.

The immediate object of the Maryland Oyster Survey, as distinguished from the hopes of the ultimate benefits to be derived from that work, having been transformed into actual results, it is needless to emphasize this phase of the subject beyond referring to the statistical statements under the head of "Results" and to the graphic representation of these same facts on the "Index Chart."

But the ultimate object of the survey is another matter, and deals more nearly with what the pioneers of the oyster-culture movement in Maryland believed, and now have still more reason to believe, will be the form of the great oyster industry they expect to see erected on the foundation which has been laid for that purpose. (*VII.*) [1]

It now seems not only reasonable but probable that within the next generation the citizens of Maryland will be leasing and cultivating a probable 100,000 and a possible 300,000 acres [3] of so-called "barren bottoms" where oysters do not now grow in commercial quantities; that the more than 200,000 acres of natural oyster bars now reserved for the use of the oystermen as a result of the Maryland Oyster Survey will be so conserved and developed that they will produce, as they have done before, twice the amount they now yield; that the oyster industry of Maryland will then be based on an annual production of 20,000,000 bushels of oysters where now it is

[1] See "References," p. 19.

[2] B. Howard Haman, of Baltimore, Md.

[3] At the present date, May 23, 1913, some 36,000 acres have been applied for or leased.

barely 5,000,000; and that the physical valuation of the State-owned oyster lands will then be $100,000,000, where now it is not more than $20,000,000. (*XXIV*, p. 208; *XLII*, pp. 35–46; *XLV*.)[1]

These are the large expectations that measured, and do still measure, the ultimate object of the Haman Oyster Culture Law, and which led to the building of the Maryland Oyster Survey in such a manner that it will serve as a foundation for even a greater development of the oyster industry of Maryland than was forecasted by its founders.

ORGANIZATION.

The organization of the Maryland Oyster Survey has been indicated in the "Introductory statements" and in the "Conclusions." It is also described in detail in the publications of the Maryland Shell Fish Commission (*XLIII*, pp. 11–25) [1] and the United States Coast and Geodetic Survey (*XLIV*, pp. 19–21, 248–250).[1]

In a general way it is sufficient to state that the greater bulk of the work of this particular oyster survey was divided between the Maryland Shell Fish Commission [2] and the United States Coast and Geodetic Survey in accordance with the laws (*XLIV*, pp. 243–246) [1] authorizing the work and the natural division of the surveying operations of the cooperating forces.

The work of the Maryland Shell Fish Commission included all the oyster investigations, the special hydrographic operations required to delimitate the various shellfish bottoms, the surveying of the leased oyster lots, and all administrative matters pertaining to Maryland. The work of the United States Coast and Geodetic Survey included the establishing of the surveying foundation of triangulation, hydrography and topography, the preparation and publication of the technical and legal descriptions of the boundaries of the various shellfish bottoms reserved for the use of the public, and the preparation and publication of all the oyster charts showing the results of the work of the Maryland Oyster Survey.

Dr. H. F. Moore, the well-known scientist of the United States Bureau of Fisheries and representative of that bureau on the work of the Maryland Oyster Survey, has stated that "the Bureau of Fisheries has cooperated with the Coast and Geodetic Survey and the Maryland Shell Fish Commission principally as an adviser in matters relating to the biological and economic survey of oyster bars and the methods to be employed for that purpose." To which should be added in the way of explanation, that the part of the survey normally coming under the jurisdiction of the United States Bureau of Fisheries was in this case carried on by the State under the supervision of Dr. Caswell Grave, the scientific member of the Maryland Shell Fish Commission. If it had not been for this fortunate circumstance, to again quote Dr. Moore, "this work would have been conducted by the Bureau of Fisheries acting independently, as has been the case in certain other States than Maryland, the same ends being attained at greater expense to the Government." (*XLIV*, p. 20.) [1]

It should be stated also that the sanitary survey of the oyster-producing waters of Maryland by the United States Bureau of Chemistry was not carried on with the advantage of the same degree of cooperation as probably would have been the case if the character of this feature of the work could have been more nearly forecasted at the beginning. (*XXXV*.) [1]

---

[1] See "References," p. 19.

[2] See "Personnel," p. 14.

METHODS.

The methods employed on the work of the Maryland Oyster Survey being indicated in outline in the "Conclusions" and also explained in detail in the publications of the Maryland Shell Fish Commission (*XLIII*, pp. 48–95) [1] and the United States Coast and Geodetic Survey (*XLIV*, pp. 248–249, 172–177, 33–36, 20–21),[1] it is not in harmony with the plan of this publication to repeat that information here.

But there is one point in the methods not adequately explained elsewhere in the publications of the Maryland Oyster Survey which it is believed should be emphasized. And that point relates to the advantages of the use of geographic coordinates in technically and legally defining boundaries of natural oyster bars and leased oyster bottoms.

This method of defining property lines under water was also used in the survey of the leased oyster bottoms of Delaware, and outlined in the following extract from the report of that work (*XLVIII*, pp. 69–74):[1]

> The difficulties of accurately locating and permanently defining the boundaries of a farmer's plantation on land, even with the aid of monuments, public roads, streams of water, and other points of reference, are often great, judging from the disputes arising from this source. But be that as it may, there can be no doubt as to the difficulties of accurately locating and permanently defining the boundaries of an oysterman's plantation situated under water at a distance off shore from 1 to 6 miles, as is the case with the leased oyster bottoms of Delaware. (*XLVIII*, map.)[1]
>
> There is only one point on the earth's surface at the intersection of any one parallel of latitude and any one meridian of longitude, and therefore, there can be no dispute as to the meaning of such a geographic definition of the location of a point, even though all the original triangulation station marks used in its determination, together with the chart on which its position was originally plotted, have been totally destroyed.
>
> In the case of the destruction of an original triangulation station mark, or any other point defined by a geographic position, a competent geodetic engineer can reestablish its exact location by means of a new system of triangulation connecting with other distant triangulation station marks which have not been destroyed. In the case of the destruction of the chart on which the position of any such point on the earth's surface was originally plotted, this point can be replotted by its geographic position with any degree of accuracy permitted by the scale of any new chart constructed for that purpose.
>
> If there be no question at the time of the original location and legal adoption of a geographic definition of the location of a point by a given latitude and longitude, there can be no technical or legal question afterwards as to its exact meaning, or as to the exact redetermination of the location of this point, be it either on land or water at its newly determined position, or on a new chart in its newly plotted position.
>
> For these reasons, the method of defining the location of boundary points by latitudes and longitudes (geographic positions) was adopted in the survey of the leased oyster bottoms of Delaware. This method is more or less an innovation in oyster surveys which was first used in connection with the work of the Maryland Oyster Survey. It possesses so many undoubted advantages, and at the same time is so simple in principle and application when once understood, that its adoption by other oyster surveys of other States than Maryland and Delaware seems probable.

RESULTS.

The results of the Maryland Oyster Survey are presented in many forms and in many places throughout the publications of that survey.

Graphically, they are represented on a large scale on the Maryland Oyster Charts, Nos. 1 to 42. (*LIV.*)[1] On a medium-sized scale, they are partly shown on

[1] See "References," p. 19.

the "Progress maps" in the series of the 12 county publications of Survey of Oyster Bars of Maryland.[1] On a much snaller scale they are represented as a whole on the "Index Chart" in the folder of this publication.

Statistically, the results are also described in various tables both in the publications of the Maryland Shell Fish Commission (*XLIII*, pp. 39–47, 102–103, 114–117, 126–127, 132, 145–149, 182–183, 189, 195–199, 206–210, 225–228, 239–241, 246, 321–322, 336–339)[1] and the United States Coast and Geodetic Survey (*XVIII*, pp. 18–19; *XX*, p. 15; *XXII*, p. 16; *XXVI*, p. 16; *XXVIII*, pp. 22–23; *XXX*, p. 14; *XXXII*, p. 14: *XXXIX*, p. 18; *XL*, p. 21; *XLIV*, p. 25; *XLVI*, pp. 23, 180).[1] But as these tables are too separated for the purposes of a summary view, their principle features will be given in groups of statistics arranged in accordance with the class of the results it is desired to present.

STATISTICS OF RESULTS PERTAINING TO SHELLFISH BOTTOMS RESERVED FOR PUBLIC USE.

	Acres.
Natural oyster bars surveyed, technically defined, and reserved for the use of the public	215,845
Crab bottoms surveyed, technically defined, and reserved for the use of the public	43,991
Clam beds surveyed, technically defined, and reserved for the use of the public	506

STATISTICS OF RESULTS PERTAINING TO OYSTER BOTTOMS SUITABLE FOR OYSTER CULTURE.

	Acres.
Undeveloped, but known productive oyster culture bottoms owned by the State and subject to lease under the terms of the Haman Oyster Culture Law	100,000
Undeveloped, but estimated as being potentially productive oyster culture bottoms owned by the the State and subject to lease under the terms of the Haman Oyster Culture Law	200,000
"Barren bottoms" of doubtful value for the growth of oysters, although in waters sufficiently salt for the purpose and subject to lease under the terms of the Haman Oyster Culture Law	460,000

STATISTICS OF RESULTS PERTAINING TO SURVEYING DATA USEFUL FOR SURVEY OPERATIONS OTHER THAN OYSTER SURVEYS.

Triangulation stations based on the standard datum of the United States Coast and Geodetic Survey	1,112
Miles of shore line covered by triangulation	1,340
Square miles of water covered by triangulation	1,600
Square miles of land controlled by triangulation	1,200
Miles of soundings[2]	3,060
Soundings[2]	159,530
Square miles of water covered by soundings[2]	480
Tide stations established[2]	30

OTHER STATISTICS OF FIELD WORK INDICATING THE STANDARD OF THE SURVEYING OPERATIONS ON WHICH THE RESULTS ARE BASED.

Oyster investigation stations occupied for examination of bottoms and other data	11,006
Miles of examination of shell bottoms with chain apparatus	3,060
Triangulation stations occupied	1,050
Boundary buoys located and anchored	2,964
Monuments planted to mark triangulation stations	1,000
Sextant angles observed on sounding lines	62,600

[1] See "References," p. 19.

[2] This part of the work was done under the immediate direction of Swepson Earle, Hydrographic Engineer of the Maryland Shell Fish Commission.

STATISTICS OF OFFICE WORK INDICATING CHARACTER OF RESULTS.

Hydrograhic positions plotted	8,600
Large-scale projections prepared, showing legal boundaries of shellfish bottoms	87
Geographic positions of triangulation stations computed	1,100
Large-scale leasing charts prepared	63
Triangles computed	2,500
Description of triangulation stations prepared for publication	1,112
Back azimuths and distances from corners of boundaries to triangulation stations computed	10,000

STATISTICS OF PUBLICATIONS INDICATING QUANTITY OF WORK.

Reports of Maryland Shell Fish Commission	4
Printed pages in Maryland Shell Fish Commission reports	900
Publications of the United States Coast and Geodetic Survey	13
Printed pages in the United States Coast and Geodetic Survey publications	1,560
Progress maps in United States Coast and Geodetic Survey publications	12
Oyster charts showing boundaries of shellfish bottoms published by United States Coast and Geodetic Survey	43

EQUIPMENT.

The equipment for the work of the Maryland Oyster Survey is fully described in the publications of the Maryland Shell Fish Commission (*XLIII*, pp. 34–36)[1] and the United States Coast and Geodetic Survey (*XVI*, pp. 102–104).[1]

In a general way it may be stated that the equipment was ample and satisfactory, especially in respect to the large living and office quarters on the Maryland Shell Fish Commission houseboat *Oyster* (*XLIII*, p. 35)[1] and the equipment of instruments furnished by the United States Coast and Geodetic Survey for both the work of the Government and State.

COST.

On account of the divided administration that naturally goes along with cooperative work of several independent institutions, the problem of fixing the cost of the six years' work of the Maryland Oyster Survey presents many difficulties. But Dr. Grave in the "Fourth Report of the Shell Fish Commission of Maryland" (*XLIII*, p. 33)[1] has placed the figure at something more than a total of $200,000 for all the work of both the Government and the State.

Accepting $200,000 as the cost of the Maryland Oyster Survey, the following deductions will be of interest:

The total area of the tidewaters of Maryland covered by the Maryland Oyster Survey, including natural oyster bars, crab bottoms, clam beds, bottoms suitable for oyster culture, and all other bottoms interspaced between these shellfish areas, is approximately 1,600 square miles, or 1,020,000 acres. This makes the cost of surveying and charting this area approximately $125 a square mile, or 20 cents an acre.

The total annual production of oysters in Maryland is now approximately 5,000,000 bushels, and the estimated ultimate production is 20,000,000 bushels. This makes a total cost of 1 cent per bushel for the estimated ultimate annual yield of the oyster industry to be operated on the surveying basis established by the

[1] See "References," p. 19.

Maryland Oyster Survey, or 1⅓ cents per bushel for the predicted 15,000,000-bushel increase in annual production.

The total physical valuation of the oyster industry of Maryland is estimated as being now approximately $20,000,000, and the predicted ultimate valuation has been placed at $100,000,000. This makes the cost of the Maryland Oyster Survey one-fifth of 1 per cent of the predicted ultimate value of the oyster industry to be based on that work, or one-quarter of 1 per cent of the predicted increase in valuation. (*XLII*, *XLV*.)[1]

CHRONOLOGICAL STATEMENT.

The chronological account of the six years' work of the Maryland Oyster Survey occupies many pages of both the publications of the Maryland Shell Fish Commission (*XLIII*, pp. 9–24, 37–38)[1] and the United States Coast and Geodetic Survey (*XVI*, pp. 104–105; *XVIII*, pp. 17–18; *XX*, pp. 14–15; *XXII*, p. 15; *XXVI*, pp. 15–16; *XXVIII*, pp. 21–22; *XXX*, pp. 13–14; *XXXII*, p. 13; *XXXIX*, pp. 17–18; *XL*, pp. 19–20; *XLIV*, pp. 23–25; *XLVI*, pp. 22–23).[1] For the purposes of this publication it is thought that it will be sufficient to give a table of the dates of the beginning of the field work and the closing of the office work for each county. The dates of the close of office work also being the dates of the filing of the certified charts and reports marking the legal opening of each county for the purpose of oyster culture under the provisions of the Haman Oyster Culture Law.

County	Beginning of field work	Close of office work and date of filing of certified charts and reports
Anne Arundel	June 29, 1906	June 20, 1907
Somerset	May 2, 1907	July 1, 1908
Wicomico	Aug. 27, 1907	Dec. 1, 1908
Worcester	Nov. 8, 1907	Apr. 12, 1909
Calvert	May 2, 1908	Dec. 14, 1909
Charles	Aug. 18, 1908	Jan. 27, 1911
St. Marys	May 2, 1908	July 6, 1911
Baltimore	Apr. 14, 1909	Aug. 10, 1911
Kent	Apr. 14, 1909	Oct. 5, 1911
Queen Annes	Apr. 14, 1909	Nov. 29, 1911
Talbot	July 6, 1909	July 20, 1912
Dorchester	Mar. 14, 1910	Aug. 17, 1912

PERSONNEL (1906–1912)

The following list of those directly connected with the work of the Maryland Oyster Survey, either as executives or technical experts, is given for purposes of reference only. So much could be said that is fine and true of the character and spirit of the work of many who were directly and indirectly connected with the six years' operations of the Maryland Oyster Survey, and the desire to say it is so great, that under the circumstances the only practical course in a summary publication of this sort is to omit all such comments. (*XLIV*, pp. 25–26; *XLIII*, pp. 11–25; *XXXIV*, p. 13.)[1]

[1] See "References," p. 19.

STATE OF MARYLAND.

Maryland Shell Fish Commission.

Commissioners.

WALTER J. MITCHELL (1906–1912).
CASWELL GRAVE (1906–1912).
BENJAMIN K. GREEN (1906–1912).

Chief Engineer.

SWEPSON EARLE (1906–1912).

Assistant Engineers.

W. GIBSON EMORY (1906–1908).
ERNEST REPPENHAGEN (1907–1909).
T. H. GRAVE (1907–1911).
H. A. MARSTON (1908–1910).
H. E. COLLINS (1910).
HUGH MITCHELL (1909–1912).

U. S. DEPARTMENT OF COMMERCE.

U. S. BUREAU OF FISHERIES.

Representative of Bureau,

H. F. MOORE (1906–1912).

U. S. COAST AND GEODETIC SURVEY.

Representative of Survey.

C. C. YATES (1906–1912).

Assistant Engineers.

FRANK W. SETH (1906–1912).
E. A. BORST (1906, 1907, 1909).
N. L. ARBUCKLE (1906–1910).
PAUL C. WHITNEY (1907).
J. J. PHELAN (1907–1910).
TEMPLETON VAN DE BOGERT (1911, 1912).
T. H. GRAVE (1911).

Draftsmen.

JOHN D. TORREY (1906–1911).
G. C. MOORE (1906–1911).
R. L. ROSS (1911–1912).
T. J. STOCKTON (1911).
GEORGE W. MYERS (1911).

Special Drafting Work.

DAVID M. HILDRETH.
C. R. THOMPSON.
ROBERT F. STORM.
J. C. MULFORD.

CONCLUSIONS.

GENERAL STATEMENT.

The Maryland Oyster Survey is probably the most extensive and complete work of its kind. And for that reason many of the conclusions resulting from experience gained in that work might be of public interest. But in harmony with the plan of this publication only those will be given which are thought to be of special value for use in connection with the consideration of future surveys of similar character.

The primary object of an oyster survey from a national point of view is to conserve and increase the national supply of food. And before this can be done intelligently and economically it is evident that an inventory (or a survey as it is more commonly called) of the oyster resources under investigation must be made and recorded on charts and in other forms. (*XXIII, LIV.*)[1]

As distinguished from a national point of view, the object of an oyster survey of a particular State or locality naturally partakes more of the character of a desire to develop the wealth of that State or locality by increasing its oyster industries or by revenues obtained from the leasing of the land underneath its oyster-producing waters. And like the Government, it is evident that a State can not accomplish these objects intelligently and economically without first having a survey made of its oyster resources. (*XLIII, XLVIII.*)[1]

Considered from both these points of view, the cooperation of the General Government with a State government appears to be not only a legitimate and an economical arrangement, but also the best method of conducting an oyster survey.

REQUIREMENTS OF AN OYSTER SURVEY.

From the Government standpoint, the chief requirements of an oyster survey appear to be:

First. The representation on charts of the bottoms of the oyster-producing waters in such a manner as to show not only the limits of the natural growth of oysters as to locality and quantity, but also such other related information about these areas and the contiguous bottoms as will best indicate their value for the purpose of oyster culture. (*XXIII, XLIX, LIV.*)[1]

Second. A more detail description of the oyster bottoms than can be shown by symbols on the charts, and such other information as to the saltness of the water, the quantity and quality of the oyster food in the water, currents, tides, surrounding sanitary conditions, character of bottom, etc., as affect the growth and value of oysters. (*X, XXXV, XLI, XLIX.*)[1]

Third. The carrying on of the oyster survey in such a manner that whenever it is economical to do so the results of certain parts of the surveying operations made necessary by the requirements of the oyster survey can be utilized as a geographic

[1] See "References," p. 19.

foundation for chart-making surveys, mapping of the adjacent land regions, river and harbor improvements, etc. (*XXXIV; XLIV*, pp. 36–171; *XLVIII*, pp. 59–68.)[1]

From the State or local standpoint the desirable requirements of an oyster survey, in addition to those just stated, appear to be:

First. The well-defined representation on published charts, in a more or less arbitrary form, of the so-called "natural oyster bars" which are to be reserved for the use of the public by reason of ancient customs, public sentiment, or the laws of the State in which they are located. (*LIV.*)[1] And a similar well-defined representation on published charts of the boundaries of the bottoms leased from the State by private individuals for the purpose of oyster culture. (*XLVIII*, map.)[1]

Second. A more detail, technical, and legal description of the boundaries of these public natural oyster bars (*XLIV*, pp. 172–242)[1] and private leased oyster bottoms (*XLVIII*, pp. 69–108)[1] than can be secured by their representation on the charts, in order that the State can furnish an easily defined and incontestible title to those oyster bottoms it may desire to lease for the purposes of revenue or for the encouragement of oyster culture.

Third. The representation of the information obtained by the oyster survey in such a manner, both on charts and in publications, as will best combat the obstacles due to ignorance, prejudice, and politics, which are always to be found, to a greater or less extent, in every locality where oyster culture is in progress or being contemplated. (*VII, XXIX, XXXIV, XXXVI, XXXVII, XXXVIII, XLI, XLII, XLV, LIII.*)[1]

SUGGESTED ORGANIZATION OF AN OYSTER SURVEY.

A complete oyster survey includes a part of the normal scientific operations of three separate bureaus[2] of the General Government, and for that reason, as has been previously indicated, an ideal survey of the oyster resources of any one State would involve the cooperation of these three Government bureaus with a State commission especially created for that purpose. (*XXXIV.*)[1]

Arranged in the order of actual operations, and without reference to priority or magnitude of the interests involved, the distribution of the work of the suggested cooperative oyster survey would be as follows:

United States Coast and Geodetic Survey.—The establishment of a surveying foundation of triangulation, topography, and hydrography.

United States Bureau of Fisheries.—The delimitation of the boundaries of the various classes of oyster bottoms and other scientific operations pertaining particularly to oysters.

United States Bureau of Chemistry.—The sanitary survey of the oyster-producing waters.

State Oyster Survey Commission.—The marking, defining, and charting of the boundaries of both public and leased oyster bottoms, and the consideration of matters relating to the economic development of the oyster industry to be based on the results of the oyster survey.

---

[1] See "References," p. 19.

[2] Bureau of Fisheries, Coast and Geodetic Survey, and Bureau of Chemistry.

COST OF AN OYSTER SURVEY.

There is no one thing more important to either the layman or the engineer than to be able to make some sort of an estimate of the final cost of any engineering work being considered. And while the cost of any such work as the survey of the vast oyster resources of Maryland is information which should be recorded, it is of value chiefly for the means it furnishes for estimating the cost of future engineering works of similar character.

Adopting the figures of Dr. Caswell Grave,[1] the cost of a new oyster survey based on results obtained by the Maryland Oyster Survey would be approximately 20 cents an acre for the entire area to be covered without reference to the various bottoms as finally classified. The legitimate share of the State's expenses being estimated at 11 cents and those of the Government at 9 cents an acre.

In considering the cost of an oyster survey, it should not be forgotten that the benefit to be derived by the Government from such operations would be not only in the form of an increase in the food supply of the country, but also in the form of a surveying foundation suitable for other chart and map making operations, river and harbor improvements, and so forth.

In further explanation it should be stated that all the uncertain elements of weather, season, character of the topography, refinement of results demanded, urgency for completion of work, and so forth, which make it so difficult to estimate the cost of a geographic survey on land, are further magnified in an oyster survey. Not only by waves produced by winds that would not deter work on land, but also by social and political conditions which are usually associated with such work.

It is also well to state in the way of warning that the preceding cost data when used as a basis for estimating the cost of oyster surveys in other States than Maryland may give only an approximately correct estimate under certain conditions. That for large open bodies of water, it might give an overestimate for good weather and an underestimate for bad weather, while for small bodies of water with complicated shore line and numerous small scattered oyster areas, it would probably furnish an underestimate because of the increased detail of the work in proportion to the total area of the survey.

---

[1] See p. 13.

REFERENCES.

NOTE.—This list of publications was prepared solely for the purpose of furnishing such references as best suit the plan of this publication, and it should not be considered as being complete in any other sense.

Reference number.	Date.	Title.	Author or editor.	Publisher.	Pages, etc.
I	1880	Report of the Commissioners of Fisheries of Maryland.	T. B. Ferguson, Thos. Hughlett, Wm. K. Brooks, Francis Winslow.	Commission of Fisheries of Maryland.	347; illus.
II	1881	Report on the oyster beds of the James River, Va., and of Tangier and Pocomoke Sounds, Md. and Va.	Francis Winslow.....	U. S. Coast and Geodetic Survey.	87; maps; illus.
III	1881	Report of Commissioner of Fisheries of Maryland.	T. B. Ferguson, John A. Ryder, Francis Winslow.	Commission of Fisheries of Maryland.	158; illus.
IV	1881	The oyster industry.....	Ernest Ingersol.....	Bureau of Census.....	251; illus.
V	1884	The development and protection of the oyster in Maryland.	Wm. K. Brooks.....	Johns Hokpins University.	193; maps; illus.
VI	1891	The oyster.....	.....do.....	.....do.....	230; illus.
VII	1893	Oysters and roads.....	B. Howard Haman...	Maryland Road League.	44.
VIII	1893	Oyster records. Distances and bearings of numbered corners of public grounds, etc., of the State of Virginia.	J. B. Baylor.....	Virginia Fish Commission.	Pamphlet for each county.
IX	1895	The oyster industry of Maryland.....	Charles H. Stevenson.	U. S. Bureau of Fisheries.	110; illus.
X	1897	Oysters and methods of oyster culture with notes on clam culture.	H. F. Moore.....	.....do.....	78; illus.
XI	1899	Report on the oyster beds of Louisiana	.....do.....	.....do.....	55; illus.
XII	1904	Investigations for the promotion of the oyster industry of North Carolina.	Caswell Grave.....	.....do.....	95; map; illus.
XIII	1905	The crab industry of Maryland.....	Winthrop A. Roberts.	.....do.....	18.
XIV	1907	First report of the Shell Fish Commission of Maryland.	Caswell Grave.....	Maryland Shell Fish Commission.	231; illus.
XV	1907	Survey of oyster bottoms in Matagorda Bay, Tex.	H. F. Moore.....	U. S. Bureau of Fisheries.	86; map; illus.
XVI	1907	Survey of oyster bars, Anne Arundel County, Md.	C. C. Yates.....	U. S. Coast and Geodetic Survey.	106; map.
XVII	1908	Fisheries of the United States.....	Bureau of Census.....	Bureau of Census.....	324.
XVIII	1908	Survey of oyster bars, Somerset County, Md.	C. C. Yates.....	U. S. Coast and Geodetic Survey.	118; map.
XIX	1909	Second report of the Shell Fish Commission of Maryland.	Caswell Grave.....	Maryland Shell Fish Commission.	149; illus.
XX	1909	Survey of oyster bars, Wicomico County, Md.	C. C. Yates.....	U. S. Coast and Geodetic Survey.	54; map.
XXI	1909	Oyster supply of Maryland.....	Caswell Grave.....	Conservation Commission of Maryland.	13; illus.
XXII	1909	Survey of oyster bars, Worcester County, Md.	C. C. Yates.....	U. S. Coast and Geodetic Survey.	67; map.
XXIII	1910	Condition and extent of the oyster beds of James River, Va.	H. F. Moore.....	U. S. Bureau of Fisheries.	83; map.
XXIV	1910	Shell-fish industries.....	James L. Kellogg.....	Henry Holt & Co.....	361; illus.
XXV	1910	Oyster-culture experiments and investigations in Louisiana.	H. F. Moore, T. E. B. Pope.	U. S. Bureau of Fisheries.	54.
XXVI	1910	Survey of oyster bars, Calvert County, Md.	C. C. Yates.....	U. S. Coast and Geodetic Survey.	94; map.
XXVII	1911	Condition and extent of the natural oyster beds of Delaware.	H. F. Moore.....	U. S. Bureau of Fisheries.	29; map.

References—Continued.

Reference number.	Date.	Title.	Author or editor.	Publisher.	Pages, etc.
XXVIII	1911	Survey of oyster bars, St. Marys County, Md.	C. C. Yates	U. S. Coast and Geodetic Survey.	203; map.
XXIX	1911	Proposed amendments to the Haman Oyster Culture Law.	Maryland Shell Fish Commission.	Maryland Shell Fish Commission.	16.
XXX	1911	Survey of oyster bars, Charles County, Md.	C. C. Yates	U. S. Coast and Geodetic Survey.	62; map.
XXXI	1911	Third report of the Shell Fish Commission of Maryland.	Caswell Grave	Maryland Shell Fish Commission.	133; illus.
XXXII	1911	Survey of oyster bars, Baltimore County, Md.	C. C. Yates	U. S. Coast and Geodetic Survey.	42; map.
XXXIII	1911	Report of proceedings of the third annual Convention of the National Association of Shellfish Commissioners.	Swepson Earle	National Association of Shellfish Comsioners.	98; illus.
XXXIV	1911	The relation of the work of the U. S. Coast and Geodetic Survey to State Oyster Surveys.	C. C. Yates		13.
XXXV	1911	Shellfish contamination from sewage-polluted waters and from other sources.	George Whitfield Stiles, Jr.	U. S. Bureau of Chemistry.	53; illus.
XXXVI	1912	History of oyster production in Maryland, 1810–1912.	Caswell Grave		11.
XXXVII	1912	Analysis of the Campbell Oyster Bill	C. C. Yates	Maryland Shell Fish Commission.	23.
XXXVIII	1912	What the crab industry is worth to Maryland.	Swepson Earle		7.
XXXIX	1912	Survey of oyster bars, Kent County, Md.	C. C. Yates	U. S. Coast and Geodetic Survey.	130; map.
XL	1912	Survey of oyster bars, Queen Annes County, Md.	do	do	176; map.
XLI	1912	A manual of oyster culture of Maryland.	Caswell Grave		75; illus.
XLII	1912	Discussion of the Campbell Oyster Culture Bill as amended by the Price Oyster Plan providing for conservation of natural oyster bars along with oyster culture on barren bottoms.	C. C. Yates	Maryland Shell Fish Commission.	53.
XLIII	1912	Fourth report of the Shell Fish Commission of Maryland.	Caswell Grave	do	376; illus.
XLIV	1912	Survey of oyster bars, Talbot County, Md.	C. C. Yates	U. S. Coast and Geodetic Survey.	250; map.
XLV	1912	Notes on the history of the oyster in Maryland and the physical valuation of her oyster properties.	Caswell Grave	Maryland Shell Fish Commission.	11; map.
XLVI	1912	Survey of oyster bars, Dorchester County, Md.	C. C. Yates	U. S. Coast and Geodetic Survey.	180; map.
XLVII	1913	Fish and oyster law of the State of Maryland.	V. Calvin Trice	State Fishery Force	154.
XLVIII	1913	Report of Delaware Oyster Survey Commission 1909–1912.	C. C. Yates	Delaware Oyster Survey Commission.	108; map.
XLIX	1913	Condition and extent of the natural oyster beds and barren bottoms of Mississippi Sound, Ala.	H. F. Moore	U. S. Bureau of Fisheries.	61; map.
L	1913	Condition and extent of the natural oyster beds and barren bottoms of Mississippi, east of Biloxi.	do	do	41 illus.
LI	1913	Oyster industry of Maryland and Virginia, 1912.	U. S. Bureau of Fisheries.	do	Large sheet of statistics.
LII	1913	Fifth report of the Shell Fish Commission of Maryland.	William H. Maltbie	Maryland Shell Fish Commission.	12.
LIII	1913	Oysters: The World's most valuable water crop. (National Geographic Magazine, March, 1913.)	Hugh M. Smith	National Geographic Society.	26; illus.
LIV	1906 to 1913	Maryland Oyster Charts showing result of survey by Maryland Shell Fish Commission, U. S. Bureau of Fisheries, and U. S. Coast and Geodetic Survey Charts Nos. 1 to 42 and Index Chart.	C. C. Yates	U. S. Coast and Geodetic Survey.	42 charts, scale 1:20,000, each 30 by 40 inches.

TECHNICAL INDEX TO PUBLICATIONS.

EXPLANATION.

The technical index to the publications of the Maryland Oyster Survey is divided into four sections of two parts each under the heads of "Natural oyster bars," "Crab bottoms," "Clam beds" and "Landmarks (U. S. Coast and Geodetic Survey triangulation stations)."

The *first part* of each section is an "Alphabetical index," which gives for each natural oyster bar, crab bottom, clam bed, or triangulation station, as the case may be—

1. The serial number of the Maryland oyster chart on which it is shown.
2. The approximate geographic location in latitude and longitude.
3. The county in which it is located.
4. The "County index number" by which it is indicated on the "Index chart."[1]
5. The page number of the United States Coast and Geodetic Survey county publication of "Survey of oyster bars" on which it is technically described as to boundaries and locations.
6. The page number of the Fourth Report of the Shell Fish Commission, on which are described its characteristics pertaining particularly to oysters.

The *second part* of each section is a "Numerical index" arranged in a separate division for each county within which "Natural oyster bars," "Crab bottoms," "Clam beds," or "Triangulation stations" are located, and gives only the names of the bars, bottoms, beds, or stations, as the case may be, corresponding to the "County index number" of these same objects as shown on the "Index chart."

The "County index numbers" are arranged in numerical order on the "Index chart," commencing with No. 1 for each county, and in using an index number obtained from the "Index chart" it should be coupled with the name of the county in which it is located. The names of the different counties are given in large red letters on the "Index chart" and their boundaries are shown by red dash and dot lines.

---

[1] See chart in folder of this publication.

NATURAL OYSTER BARS.

ALPHABETICAL INDEX.

NOTE.—See Numerical Index for names of natural oyster bars corresponding to numbers on Index Chart.

Name of oyster bar	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located.	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic county publication of Survey of Oyster Bars on which boundaries are defined	Page of Fourth Report of Maryland Shell Fish Commission on which characteristics are described
		Latitude		Longitude					
		°	′	°	′				
Abell	25	38	17	76	43	St. Marys	95	184	148
Aberdeen	3	38	57	76	32	Anne Arundel	56	54	115
Aisquith Creek	2	39	02	76	32	Anne Arundel	30	42	115
Aldridges Discovery	32	38	52	76	15	Talbot	30	182	209
Almshouse	3	38	56	76	32	Anne Arundel	60	53	115
Along Shore	37, 38	38	31	76	16	Dorchester	54	131	196
Applegarth	40	38	13	76	06	Dorchester	86	147	198
Arnold Point	2	39	02	76	32	Anne Arundel	31	44	115
Ash Craft	32	38	48	76	13	Talbot	19	187	209
Bachelor Point	34, 35	38	40	76	11	Talbot	92	220	206
Back of Island	20	38	19	76	28	Calvert	23	78	126
Back Shore	34, 35, 37	38	39	76	10	Talbot	112	220	210
Bailey	30	39	08	76	09	Kent	52	117	240
Bakers Cove	34	38	42	76	07	Talbot	104	226	207
Bald Eagle (Little Choptank River)	36, 37	38	33	76	18	Dorchester	34	129	196
Bald Eagle (Eastern Bay)	32	38	54	76	14	Queen Annes	62	156	226
Bamings Cove	34	38	43	76	08	Talbot	101	225	207
Barn Gates	20	38	20	76	29	Calvert	24	77	126
Barn Point	37	38	32	76	13	Dorchester	48	137	197
Barnett	34	38	46	76	11	Talbot	16	234	209
Barren Neck	3	38	51	76	32	Anne Arundel	82	58	116
Batts Neck	31	38	54	76	19	Queen Annes	43	137	227
Baxters Hollow	32	38	53	76	11	Queen Annes	85	161	225
Bay Bush Point	30	39	03	76	12	Kent	37	111	239
Bay Hundred	33	38	44	76	21	Talbot	40	194	210
Bay Shore	4	38	48	76	30	Anne Arundel	88	63	117
Bazzles Hill	34	38	47	76	12	Talbot	17	233	209
Beacons	35	38	38	76	07	Talbot	118	236	210
Bean Shoal	41	38	18	75	56	Dorchester	118	159	195
Beard Point	3	38	57	76	32	Anne Arundel	58	54	115
Beef Creek	14, 15	38	06	75	18	Worcester	13	53	246
Bell Buoy	41, 42	38	12	76	01	Dorchester	82	150	198
Belts	30	39	03	76	12	Kent	35	110	239
Benoni	34, 37	38	40	76	13	Talbot	90	219	210
Bibby	32	38	56	76	15	Queen Annes	65	151	226
Big Annemessex	7	38	03	75	50	Somerset	23	73	182
Big Bay Point	15	38	04	75	17	Worcester	21	56	246
Big Hill	12	38	12	75	57	Wicomico	12	46	189
Big Island	2	39	03	76	34	Anne Arundel	34	44	115
Biscoe	24	38	12	76	27	St. Marys	56	165	146
Black	2	39	04	76	28	Anne Arundel	10	29	114

ALPHABETICAL INDEX TO NATURAL OYSTER BARS—Continued.

Name of oyster bar	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic county publication of Survey of Oyster Bars on which boundaries are defined	Page of Fourth Report of Maryland Shell Fish Commission on which characteristics are described
		Latitude		Longitude					
		°	′	°	′				
Black Buoy (Chester River)	30	39	01	76	11	Kent	33	109	239
Black Walnut (Bretons Bay)	25	38	15	76	40	St. Marys	82	177	147
Black Walnut (Big Choptank River)	33, 36, 37	38	40	76	19	Talbot	45	197	210
Blakistone	26	38	17	76	48	St. Marys	114	191	148
Bloodsworth	40, 41	38	13	76	03	Dorchester	84	149	198
Blue Sow	25	38	14	76	42	St. Marys	91	178	147
Bluff Point (Chester River)	30	39	04	76	12	Kent	38	111	239
Bluff Point (Wicomico River)	26	38	16	76	49	St. Marys	113	191	148
Bluff Woods	25	38	16	76	43	St. Marys	100	183	148
Blunt	30	38	59	76	12	Queen Annes	22	120	227
Boat House	30	39	06	76	10	Kent	45	114	240
Bob Wise	20	38	20	76	29	St. Marys	15	139	145
Bodkin Island	31, 32	38	54	76	17	Queen Annes	55	146	227
Bodkin Point North	1	39	09	76	26	Anne Arundel	1	26	117
Bodkin Point South	1	39	07	76	25	Anne Arundel	2	27	117
Bodkin Shoals	31	38	53	76	18	Queen Annes	35	132	226
Bolingbroke Sand	35	38	35	76	03	Talbot	124	239	206
Bolston Bank	3	38	53	76	32	Anne Arundel	76	61	116
Booker Wharf	30	39	08	76	04	Queen Annes	2	129	227
Boundary	42	38	05	76	04	Dorchester	78	161	199
Bozman Neck	32	38	51	76	15	Talbot	26	183	209
Bramleigh Creek	26	38	18	76	50	St. Marys	117	189	149
Brannock	36, 37	38	36	76	17	Dorchester	27	120	199
Bretons Bay	25	38	15	76	42	St. Marys	90	178	147
Brewer (Severn River)	2	39	02	76	32	Anne Arundel	36	43	115
Brewer (South River)	3	38	56	76	32	Anne Arundel	61	52	115
Brice Fence	3	38	52	76	31	Anne Arundel	79	60	116
Brick House	31	38	57	76	22	Queen Annes	31	130	228
Brick House Hill	31	38	53	76	19	Queen Annes	36	133	226
Bridge	38	38	28	76	17	Dorchester	57	138	197
British Harbour	35	38	35	76	00	Talbot	128	241	206
Broad Creek	29	39	00	76	20	Queen Annes	30	116	228
Broad Creek Middle ground	34	38	44	76	14	Talbot	80	210	207
Broad Neck (Calvert Co.)	19	38	28	76	39	Calvert	37	71	126
Broad Neck (St. Marys Co.)	19	38	28	76	39	St. Marys	3	134	145
Brooks Shallows	19	38	30	76	40	St. Marys	1	133	145
Broome Island	19	38	24	76	34	Calvert	30	74	126
Brown	34	38	43	76	16	Talbot	69	208	207
Bruffs Island	32	38	51	76	12	Talbot	6	190	209
Brumell	37	38	33	76	13	Dorchester	45	135	197
Brushy Point	34	38	45	76	16	Talbot	76	212	208
Bryan (Wye River)	32	38	53	76	10	Queen Annes	87	162	225
Bryan (St. Marys River)	24	38	12	76	27	St. Marys	54	166	146

ALPHABETICAL INDEX TO NATURAL OYSTER BARS—Continued.

Name of oyster bar	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic county publication of Survey of Oyster Bars on which boundaries are defined	Page of Fourth Report of Maryland Shell Fish Commission on which characteristics are described
		Latitude		Longitude					
		°	′	°	′				
Buce	3	38	53	76	32	Anne Arundel	73	62	116
Buckhorn	32	38	58	76	15	Queen Annes	70	147	226
Bugby	32	38	53	76	13	Queen Annes	77	158	226
Bullock	26	38	15	76	49	St. Marys	110	193	148
Bullock Island	26	38	15	76	48	St. Marys	109	193	148
Bungay	41	38	17	76	01	Dorchester	110	155	195
Bunker Hill	31	38	53	76	20	Queen Annes	37	133	226
Buoy	5	38	13	75	53	Somerset	3	62	183
Buoy Rock	29, 30	39	00	76	14	Kent	30	108	239
Butler	22	38	06	76	20	St. Marys	32	148	149
Butterpot	37	38	32	76	14	Dorchester	41	133	196
Buzzard Island	19	38	29	76	40	Calvert	39	70	127
Cabin Creek (Choptank River)	35	38	38	75	59	Dorchester	3	112	197
Cabin Creek (Prospect Bay)	32	38	56	76	13	Queen Annes	74	154	226
Cabin Creek Entrance	35	38	38	75	58	Dorchester	2	111	197
Camden Point	34	38	44	76	07	Talbot	110	229	207
Canoe Creek	25	38	15	76	44	St. Marys	101	182	148
Captain Point	19	38	23	76	32	St. Marys	9	136	145
Carpenter Island	30	39	01	76	11	Queen Annes	20	121	227
Carpenters Yard	26	38	30	76	40	Charles	3	54	132
Carroll Muds (Calvert Co.)	20	38	19	76	25	Calvert	15	82	126–127
Carroll Muds (St. Marys Co.)	20	38	19	76	25	St. Marys	22	142	145–149
Carthagena Creek	24	38	09	76	28	St. Marys	62	157	146
Carvel	29	39	00	76	17	Queen Annes	27	118	227
Cason	37	38	32	76	15	Dorchester	38	132	196
Castle Haven	35, 37	38	38	76	12	Dorchester	18	118	199
Castle Haven Creek	35	38	37	76	10	Dorchester	17	117	199
Cators	36, 37, 38	38	30	76	19	Dorchester	61	124	196
Cedar Island	31	38	55	76	17	Queen Annes	57	144	227
Cedar Point (West River)	3	38	51	76	31	Anne Arundel	84	58	116
Cedar Point (St. George River)	24	38	09	76	30	St. Marys	76	171	147
Cedar Point (Broad Creek)	34	38	44	76	14	Talbot	81	214	207
Cedar Point Hollow	20, 21	38	16	76	23	St. Marys	25	144	149
Cedar Shoal	11	38	18	75	54	Wicomico	6	44	189
Chadwick	24	38	10	76	31	St. Marys	79	173	147
Chain Shoal	7	38	07	75	58	Somerset	11	67	183
Chancellor Point	35	38	35	76	01	Talbot	127	240	206
Change	33	38	43	76	18	Talbot	51	200	208
Chapel Point	25	38	16	76	42	St. Marys	94	182	148
Chaptico Lumps	26	38	20	76	51	St. Marys	121	187	149
Charleston Creek	26	38	17	76	50	Charles	11	50	132
Chase	2	39	01	76	31	Anne Arundel	28	41	114
Cherry (Rhode River)	3	38	53	76	31	Anne Arundel	72	60	115
Cherry (St. Marys River)	24	38	07	76	28	St. Marys	66	154	146

ALPHABETICAL INDEX TO NATURAL OYSTER BARS—Continued.

Name of oyster bar	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic county publication of Survey of Oyster Bars on which boundaries are defined	Page of Fourth Report of Maryland Shell Fish Commission on which characteristics are described
		Latitude		Longitude					
		°	′	°	′				
Cherry Island	37	38	34	76	13	Dorchester	44	136	197
Cherry Tree (Patuxent River)	20	38	19	76	27	Calvert	21	79	126
Cherry Tree (Nanticoke River)	11	38	18	75	55	Wicomico	8	44	189
Chester River Middleground	30	39	05	76	11	Kent	39	112	239
Cheston Point	3	38	52	76	31	Anne Arundel	80	59	116
Chicken Cock	24	38	07	76	26	St. Marys	41	153	146
Chinese Muds (Calvert Co.)	20	38	21	76	23	Calvert	13	83	127
Chinese Muds (St. Marys Co.)	20	38	19	76	22	St. Marys	24	143	149
Chinks Point	2	38	58	76	28	Anne Arundel	44	35	115
Chlora Point	35	38	38	76	09	Talbot	117	235	210
Choptank Lumps	34, 37	38	40	76	14	Talbot	89	218	210
Church Creek	8	37	59	76	05	Somerset	37	74	183
Church Hill	33, 34	38	41	76	18	Talbot	48	198	210
Clay Bank	33, 36	38	27	76	23	Talbot	43	196	210
Clay Island	41	38	14	75	59	Dorchester	112	153	195
Clem Point	2	39	01	76	32	Anne Arundel	37	42	115
Cliff	30	39	06	76	09	Kent	56	118	239
Coad	24	38	09	76	28	St. Marys	63	156	146
Coal Lump	28	39	15	76	15	Kent	3	96	241
Cobb Point	26	38	15	76	50	Charles	15	52	132
Coffee	32	38	52	76	13	Queen Annes	80	158	226
Cohouck	26	38	21	76	51	St. Marys	122	187	149
Collins Flats	3	38	51	76	31	Anne Arundel	85	57	116
Commander	35	38	35	76	07	Dorchester	14	116	199
Commegys Bight	30	39	06	76	08	Kent	57	119	239
Cook Point	36, 37	38	39	76	17	Dorchester	22	118	199
Cooper Creek	24	38	10	76	27	St. Marys	59	161	146
Coopers Point	34	38	45	76	16	Talbot	74	211	208
Coppage	24	38	10	76	27	St. Marys	60	161	146
Cormal	7	38	08	75	50	Somerset	17	69	182
Corners Wharf	37	38	37	76	13	Dorchester	19	129	199
Cove Point Bight	20	38	22	76	22	Calvert	9	85	127
Cow Island	36, 37	38	33	76	18	Dorchester	33	128	196
Cox	34	38	46	76	09	Talbot	15	235	209
Cox Neck	31	38	54	76	17	Queen Annes	56	145	227
Crab Alley Lumps	31, 32	38	55	76	16	Queen Annes	59	144	227
Crab Point	40	38	16	76	08	Dorchester	89	147	198
Creces Cove	2	38	59	76	29	Anne Arundel	23	37	114
Curtis	3	38	52	76	30	Anne Arundel	86	57	117
Daddie Dare	17	38	34	76	30	Calvert	5	66	127
Dark Point	40	38	18	76	10	Dorchester	94	144	198
Davis Creek	30	39	07	76	10	Kent	47	115	240
Dawson	34	38	41	76	17	Talbot	66	206	210
Deep Landing Hole	28, 29	39	09	76	16	Kent	11	101	241
Deep Neck	34	38	44	76	15	Talbot	70	209	207
Deep Point	30	39	07	76	07	Kent	59	119	239
Deep Point Mud	20	38	18	76	26	St. Marys	21	142	145
Deep Shoal	28	39	15	76	14	Kent	2	95	241
Deep Water	15	38	04	75	17	Worcester	23	57	246

ALPHABETICAL INDEX TO NATURAL OYSTER BARS—Continued.

Name of oyster bar	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic county publication of Survey of Oyster Bars on which boundaries are defined	Page of Fourth Report of Maryland Shell Fish Commission on which characteristics are described
		Latitude		Longitude					
		°	′	°	′				
Deep Water Point	32	38	48	76	13	Talbot	20	186	209
Diamond (Chesapeake Bay)	36, 37	38	37	76	20	Dorchester	25	120	199
Diamond (Chincoteague Bay)	14, 15	38	06	75	17	Worcester	12	54	246
Dickinson	35	38	36	76	06	Talbot	121	238	210
Dividing	32	38	53	76	10	Queen Annes	96	166	225
Dixon	35	38	36	75	59	Dorchester	5	112	197
Dominion	32	38	56	76	15	Queen Annes	66	151	226
Double Mills	34	38	44	76	08	Talbot	108	228	207
Dredge Rock	29	39	01	76	15	Kent	26	106	239
Drum	15	38	04	75	16	Worcester	19	56	246
Drum Point (Choptank River)	35	38	39	75	57	Dorchester	1	111	197
Drum Point (Langford Creek)	30	39	07	76	10	Kent	46	114	240
Drum Point (Wye River)	32	38	53	76	11	Queen Annes	89	163	225
Drum Point (Manokin River)	7	38	07	75	53	Somerset	19	71	182
Drum Point (Broad Creek)	34	38	45	76	13	Talbot	82	214	207
Duck Island	41	38	16	76	00	Dorchester	111	155	195
Dukehart Channel	25	38	13	76	45	St. Marys	104	179	147
Dunbar	24	38	07	76	24	St. Marys	37	152	145
Dupont	36, 37	38	37	76	18	Dorchester	26	120	199
Durdin	30	39	02	76	12	Kent	34	109	239
Dutchman	3	38	52	76	30	Anne Arundel	70	56	117
Dutchman Hollow	3	38	52	76	31	Anne Arundel	71	59	115
Duvall	3	38	57	76	32	Anne Arundel	57	53	115
Eagle Point (Langford Creek)	30	39	08	76	10	Kent	49	116	240
Eagle Point (Harris Creek)	33	38	44	76	19	Talbot	52	201	208
Earle Cove	30	39	05	76	08	Queen Annes	10	126	228
East End	32	38	50	76	13	Talbot	9	189	209
East Neck Bay	29	39	04	76	16	Kent	23	105	241
Easter Cove	15	38	04	75	19	Worcester	16	55	246
Ebb Point	30	39	06	76	09	Kent	55	118	239
Edmund	24	38	08	76	27	St. Marys	64	155	146
Elbow	26	38	31	76	40	Charles	2	53	132
Emanuel	17, 18	38	30	76	29	Calvert	7	67	127
Emory Hollow	30	39	06	76	08	Queen Annes	6	128	227
Emory Wharf	30	39	05	76	08	Queen Annes	11	125	228
Ennis	14	38	11	75	14	Worcester	5	50	246
Entrance Lumps	29	39	03	76	15	Kent	24	106	240
Erickson Sands	31	38	55	76	19	Queen Annes	45	138	227
Evans (Fishing Bay)	41	38	15	76	01	Dorchester	102	154	195
Evans (Wicomico River)	5	38	13	75	54	Somerset	4	62	182
Fairhaven	4	38	45	76	33	Anne Arundel	90	64	116
Fenwick	26	38	18	76	50	Charles	9	49	132
Ferry (Kent Co.)	29	39	00	76	15	Kent	29	107	239
Ferry (Queen Annes Co.)	29	39	00	76	15	Queen Annes	26	118	227

ALPHABETICAL INDEX TO NATURAL OYSTER BARS—Continued.

Name of oyster bar	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic county publication of Survey of Oyster Bars on which boundaries are defined	Page of Fourth Report of Maryland Shell Fish Commission on which characteristics are described
		Latitude		Longitude					
		°	′	°	′				
Ferry Point	2	39	00	76	29	Anne Arundel	24	37	114
Fish Hawk	21, 22	38	09	76	19	St. Marys	29	146	149
Fishing Creek	37	38	32	76	12	Dorchester	50	138	197
Flag Pond	18	38	26	76	26	Calvert	8	68	127
Flat Island	3	38	53	76	32	Anne Arundel	74	62	116
Flat Rock	41	38	20	76	00	Dorchester	106	157	195
Flatty	34	38	43	76	08	Talbot	106	227	207
Flood Point	29	38	59	76	15	Queen Annes	24	119	226
Fort	24	38	08	76	26	St. Marys	42	155	146
Fox	34	38	46	76	14	Talbot	86	216	207
Fox Island	9	37	55	75	56	Somerset	26	75	183
Fox Hole	34	38	41	76	11	Talbot	93	221	206
Fox Point	3	38	56	76	31	Anne Arundel	54	51	115
France	34	38	41	76	17	Talbot	65	206	210
Frog Point	41	38	14	75	57	Dorchester	114	158	195
Gales Lumps	28	39	13	76	17	Kent	6	96	241
Gatton	19	38	24	76	34	St. Marys	8	136	145
Georges	5, 7	38	08	75	50	Somerset	15	64	182
Gibsons Flats	34	38	47	76	12	Talbot	13	233	209
Goodwin	20	38	19	76	28	St. Marys	18	140	145
Goose Creek	41	38	16	76	01	Dorchester	103	154	195
Goose Neck	34	38	42	76	10	Talbot	97	223	206
Goose Point (St. George River)	24	38	08	76	29	St. Marys	69	168	147
Goose Point (Choptank River)	35	38	36	76	00	Talbot	129	241	206
Gough	25	38	15	76	40	St. Marys	83	176	147
Governors Run	17, 18	38	31	76	30	Calvert	6	67	127
Granary Point	32	38	53	76	08	Queen Annes	98	167	225
Granger	36, 37, 38	38	30	76	20	Dorchester	62	124	196
Grapevine	37	38	32	76	11	Dorchester	51	138	197
Gravelly Run	24	38	11	76	26	St. Marys	51	162	146
Graves	24	38	07	76	25	St. Marys	39	151	145
Great Bar	34	38	43	76	15	Talbot	68	208	207
Great Marsh	34	38	42	76	17	Talbot	64	207	208
Great Rock	9	37	56	75	56	Somerset	25	75	183
Great Shoals	12	38	13	75	53	Wicomico	13	47	189
Green Marsh	35	38	35	76	04	Dorchester	9	114	199
Greenwood Creek	32	38	53	76	12	Queen Annes	78	157	226
Greeves Cove	31	38	55	76	20	Queen Annes	41	135	227
Guest Marshes	25	38	18	76	43	St. Marys	97	185	148
Gum	39, 40	38	20	76	12	Dorchester	97	142	198
Gum Spring	29	39	07	76	15	Kent	19	103	240
Gum Thicket	31	38	53	76	23	Queen Annes	32	131	228
Gunby	10	37	56	75	46	Somerset	30	77	182
Hackett Point	2	38	59	76	25	Anne Arundel	15	32	116
Hackley Creek	26	38	14	76	47	St. Marys	107	194	148
Haddaway	30	39	08	76	06	Kent	61	120	239
Hail Creek	30	39	01	76	12	Kent	31	108	239
Hail Point	30	39	00	76	12	Kent	32	109	239
Haines	5	38	11	75	58	Somerset	7	61	183
Half Pone	20	38	22	76	31	St. Marys	13	138	145
Half Way Mark	41	38	19	76	01	Dorchester	107	157	195
Halls Point	5	38	12	75	57	Somerset	6	61	182
Hambleton	32	38	50	76	14	Talbot	23	185	209

ALPHABETICAL INDEX TO NATURAL OYSTER BARS—Continued.

Name of oyster bar	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic county publication of Survey of Oyster Bars on which boundaries are defined	Page of Fourth Report of Maryland Shell Fish Commission on which characteristics are described
		Latitude		Longitude					
		°	′	°	′				
Hambleton Hill	32	38	50	76	14	Talbot	25	184	209
Hambrooks	35	38	36	76	05	Dorchester	10	114	199
Handys Hammock	13, 14	38	12	75	14	Worcester	2	49	246
Harris	7	38	03	75	53	Somerset	22	73	183
Harrison	34	38	47	76	16	Talbot	79	214	207
Harry Jacks	25	38	18	76	43	St. Marys	98	186	148
Hawks Nest	20	38	20	76	30	St. Marys	14	138	145
Hellen	20	38	22	76	29	Calvert	26	76	126
Hells Delight	30	39	04	76	11	Queen Annes	17	123	227
Henpeck	36, 37, 38	38	31	76	19	Dorchester	60	125	196
Heron Island Reef	25	38	13	76	43	St. Marys	80	179	147
Heron Island Sound	25	38	14	76	43	St. Marys	81	179	147
Herring Island	32	38	50	76	13	Talbot	8	189	209
Hess	32	38	52	76	11	Queen Annes	91	164	225
Hickory Thicket	29	39	04	76	15	Kent	22	105	240
Hickory Nut	11	38	19	75	54	Wicomico	4	43	189
Hickory	40	38	16	76	10	Dorchester	92	145	198
High Island	3	38	53	76	32	Anne Arundel	75	61	116
Hill	41	38	19	76	01	Dorchester	108	156	195
Hill Point (Severn River)	3	38	55	76	30	Anne Arundel	53	51	115
Hill Point East	3	38	55	76	30	Anne Arundel	52	50	115
Hills and Holes	41	38	16	75	56	Dorchester	116	158	195
Hills Point (Chesapeake Bay)	36, 37	38	35	76	19	Dorchester	29	121	199
Hills Point North	36, 37	38	35	76	21	Dorchester	30	121	199
Hills Point South	36, 37	38	34	76	21	Dorchester	31	122	199
Hobbs	32	38	53	76	12	Queen Annes	84	160	225
Hodges	28	39	11	76	16	Kent	7	98	241
Hog Island (Prospect Bay)	32	38	58	76	15	Queen Annes	68	149	226
Hog Island (Patuxent River)	20	38	19	76	23	St. Marys	23	143	149
Hog Point	16	38	42	76	30	Calvert	1	64	127
Holland Straits	42	38	07	76	05	Dorchester	79	162	198
Holland	12	38	15	75	51	Wicomico	15	48	189
Holland Point (Chesapeake Bay)	4	38	44	76	30	Anne Arundel	91	65	117
Holland Point (Patuxent River)	19	38	30	76	40	Calvert	40	69	127
Holland Point (Broad Creek)	34	38	46	76	15	Talbot	78	213	207
Hollyday (Kent Co.)	30	39	08	76	05	Kent	62	120	239
Hollyday (Queen Annes Co.)	30	39	08	76	05	Queen Annes	3	129	227
Holton Point	30	39	05	76	09	Queen Annes	8	124	227
Hood	32	38	56	76	14	Queen Annes	73	153	226
Hooper	36, 37, 38	38	31	76	17	Dorchester	55	125	196
Hooper Strait	40	38	13	76	07	Dorchester	75	148	198
Hopkins	34, 35	38	40	76	09	Talbot	113	230	206
Hopkins Cove	41	38	13	76	03	Dorchester	85	149	198
Horn Point (Severn River)	2	38	58	76	28	Anne Arundel	43	36	115
Horn Point (Choptank River)	35	38	36	76	09	Dorchester	15	116	199

ALPHABETICAL INDEX TO NATURAL OYSTER BARS—Continued.

Name of oyster bar	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic county publication of Survey of Oyster Bars on which boundaries are defined	Page of Fourth Report of Maryland Shell Fish Commission on which characteristics are described
		Latitude		Longitude					
		°	′	°	′				
Horse	25	38	14	76	44	St. Marys	103	180	147
Horsehead North	15	38	03	75	16	Worcester	27	58	246
Horsehead South	15	38	03	75	16	Worcester	28	59	246
Horse Point Channel	39, 40	38	18	76	14	Dorchester	72	140	199
Horse Race	30	39	02	76	11	Queen Annes	19	122	227
Horseshoe (St. Marys River)	24	38	12	76	27	St. Marys	53	165	146
Horseshoe (Miles River)	32	38	52	76	14	Talbot	29	182	209
Howells Point	35	38	37	76	07	Talbot	120	237	210
Hudson (Little Choptank River)	37	38	33	76	15	Dorchester	39	133	19
Hudson (Chester River)	30	39	06	76	11	Kent	43	113	240
Hungerford Hollow	20	38	20	76	29	Calvert	25	76	126
Huntingfield	29	39	07	76	15	Kent	18	103	240
Hunts	33	38	44	76	19	Talbot	55	202	208
Hurdle	24	38	08	76	29	St. Marys	68	167	147
Ingram Shoal	12	38	14	75	52	Wicomico	14	47	189
Inner Round Point	3	38	55	76	31	Anne Arundel	64	50	115
Irish Creek	34	38	41	76	13	Talbot	88	217	210
Inside Greenbury	2	38	59	76	27	Anne Arundel	20	35	114
Island	25	38	16	76	39	St. Marys	86	174	147
Island Cove	31	38	57	76	19	Queen Annes	50	141	227
Island Creek (Patuxent River)	19	38	24	76	33	Calvert	29	74	126
Island Creek (Choptank River)	34, 35	38	40	76	08	Talbot	115	231	206
Island Point	30	39	08	76	10	Kent	48	115	240
Island Shore	24	38	08	76	29	St. Marys	70	168	147
Jackass	3	38	53	76	31	Anne Arundel	77	61	116
Jacks Bay	19	38	25	76	35	Calvert	32	73	126
Jacks Marsh	19	38	26	76	37	Calvert	33	72	126
Jamaica Point	35	38	37	75	59	Talbot	131	242	206
James Point	36	38	33	76	22	Dorchester	65	122	199
Jane	41	38	12	76	01	Dorchester	81	151	198
Joe Harris Flats	34	38	44	76	13	Talbot	83	215	207
Joes Lumps	26	38	19	76	51	Charles	7	48	132
Johnson Island	31	38	56	76	17	Queen Annes	58	143	227
Johnston	34	38	44	76	08	Talbot	109	229	207
Jones (Little Choptank River)	37	38	33	76	12	Dorchester	46	136	197
Jones St. Marys River)	24	38	10	76	26	St. Marys	46	159	146
Jones Hole	31	38	56	76	19	Queen Annes	48	140	227
Judys Point	34	38	45	76	17	Talbot	75	212	208
Juniper	32	38	53	76	09	Talbot	1	193	209
Jutland	24	38	07	76	25	St. Marys	38	151	145
Kedge Straits	6	38	04	76	05	Somerset	35	65	183
Kennedy	24	38	10	76	26	St. Marys	49	159	146
Kennel	15	38	04	75	17	Worcester	20	56	246
Kent Island Narrows	29	38	58	76	15	Queen Annes	25	120	226
Kent Point	31	38	51	76	23	Queen Annes	33	131	228

ALAPHABETICAL INDEX TO NATURAL OYSTER BARS—Continued.

Name of oyster bar	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic county publication of Survey of Oyster Bars on which boundaries are defined	Page of Fourth Report of Maryland Shell Fish Commission on which characteristics are described
		Latitude		Longitude					
		°	′	°	′				
Key	26	38	22	76	51	St. Marys	123	186	149
Kings Creek	30	39	08	76	09	Kent	51	116	240
Kirby	35	38	36	76	05	Talbot	122	238	210
Kitts Creek East	10	37	58	75	42	Somerset	33	79	182
Kitts Creek West	10	37	58	75	43	Somerset	32	78	182
Kitts Marsh	19	38	27	76	37	Calvert	35	71	126
La Grande	20	38	18	76	27	St. Marys	19	141	145
La Trappe	35	38	38	76	07	Talbot	119	236	206
Lakes Cove	40	38	17	76	09	Dorchester	93	144	198
Lambertson Landing	14	38	12	75	15	Worcester	4	50	246
Lancaster	26	38	17	76	50	Charles	12	50	132
Langley Hollow	24	38	09	76	26	St. Marys	43	156	146
Le Compte	35	38	37	76	09	Dorchester	16	117	199
Levin Tump	15	38	04	75	16	Worcester	25	58	246
Light House	34, 35, 37	38	39	76	11	Talbot	91	219	210
Light House Lump	20	38	19	76	25	Calvert	17	82	126
Limekiln	30	39	05	76	12	Kent	40	112	240
Little Choptank	36, 37	38	31	76	19	Dorchester	59	126	196
Little Cove Point	20	38	21	76	23	Calvert	10	85	127
Little Neck (Swan Creek)	28, 29	39	08	76	16	Kent	10	101	241
Little Neck (Harris Creek)	33, 34	38	46	76	18	Talbot	60	205	208
Little Pollard	37	38	32	76	16	Dorchester	37	132	196
Little Sandy	2	38	59	76	28	Anne Arundel	22	37	114
Lodges	33	38	45	76	19	Talbot	57	203	208
Logans Hill	37	38	39	76	13	Dorchester	20	129	199
Long (Chesapeake Bay)	4	38	45	76	32	Anne Arundel	89	64	117
Long (St. George River)	24	38	09	76	31	St. Marys	78	173	147
Long Point (Chester River)	29, 30	39	00	76	14	Queen Annes	23	119	227
Long Point (Eastern Bay)	31	38	52	76	20	Queen Annes	34	132	226
Long Point (Pocomoke Sound)	9	37	57	75	49	Somerset	29	77	182
Long Point (Miles River)	34	38	46	76	11	Talbot	14	234	209
Long Point Woods	34	38	42	76	16	Talbot	67	207	207
Long Shoal	11	38	18	75	55	Wicomico	7	44	189
Louis Cove	34	38	42	76	09	Talbot	100	224	206
Love Point	29	39	03	76	18	Queen Annes	29	117	228
Lovers Point	25	38	16	76	39	St. Marys	84	175	147
Lower Forrest	19	38	25	76	36	St. Marys	7	135	145
Lower Newfoundland	41	38	19	75	55	Dorchester	120	160	195
Lower Steps	16	38	38	76	31	Calvert	3	65	127
Lower Thoroughfare	40	38	15	76	09	Dorchester	88	146	198
Lows Point	31, 33	38	48	76	20	Talbot	37	178	210
Lulu	3	38	53	76	27	Anne Arundel	69	55	117
Lumps East of Craighill Channel	1	39	07	76	22	Anne Arundel	3	26	117

ALPHABETICAL INDEX TO NATURAL OYSTER BARS—Continued.

Name of oyster bar	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic county publication of Survey of Oyster Bars on which boundaries are defined	Page of Fourth Report of Maryland Shell Fish Commission on which characteristics are described
		Latitude		Longitude					
		°	′	°	′				
McKay	21	38	10	76	20	St. Marys	28	146	149
McKeils Point	37	38	33	76	14	Dorchester	42	134	196
Macks Hollow	19	38	29	76	39	Calvert	38	70	127
Man O'War Shoals	27	39	11	76	22	Baltimore	3	34	103
Manahowic Creek	26	38	19	76	50	St. Marys	118	189	149
Mares Point	34	38	42	76	09	Talbot	99	224	206
Marshall	36, 37, 38	38	29	76	20	Dorchester	64	123	197
Marshy	34	38	43	76	09	Talbot	105	227	207
Marshy Island	7	38	07	75	53	Somerset	18	70	182
Marshy Point	3	38	54	76	29	Anne Arundel	67	48	115
Martin Point	14, 15	38	05	75	18	Worcester	15	54	246
Marumsco	10	37	57	75	44	Somerset	31	78	182
Marys Delight	31	38	49	76	19	Talbot	36	178	210
Mattapex	31	38	55	76	20	Queen Annes	42	136	227
Matthews	34, 35	38	40	76	08	Talbot	116	232	206
Mears (Calvert Co.)	19, 20	38	22	76	30	Calvert	27	75	126
Mears (St. Marys Co.)	19, 20	38	22	76	30	St. Marys	12	137	145
Melton Point	30	39	08	76	04	Kent	63	121	239
Melvin	32	38	53	76	10	Queen Annes	95	166	225
Middle Block	31	38	54	76	18	Queen Annes	53	134	226
Middleground	12	38	14	75	55	Wicomico	11	46	189
Middleground Lump	24	38	08	76	27	St. Marys	65	155	146
Milbourne Shore	24	38	08	76	29	St. Marys	71	169	147
Mileys Creek	25	38	16	76	43	St. Marys	99	183	148
Mill Dam	35	38	36	75	59	Talbot	130	242	206
Mill Hill	32	38	54	76	13	Queen Annes	76	156	226
Mill Point (Chesapeake Bay)	36, 37	38	36	76	18	Dorchester	28	121	199
Mill Point (Harris Creek)	33	38	45	76	18	Talbot	54	202	208
Millers Island	27	39	13	76	21	Baltimore	2	34	103
Mills	32	38	52	76	12	Queen Annes	83	160	225
Mills East	26	38	20	76	51	St. Marys	120	188	149
Mills West	26	38	20	76	51	Charles	6	47	132
Millstone	20	38	18	76	26	St. Marys	20	141	145
Mink Tump	15	38	04	75	19	Worcester	17	55	246
Mitchells Bluff Buoy	28	39	13	76	16	Kent	5	97	241
Mouldy Creek	25	38	16	76	38	St. Marys	85	174	147
Mouth of Creek	24	38	07	76	28	St. Marys	124	153	146
Mouth of River	26	38	15	76	49	St. Marys	111	192	148
Mount Vernon Wharf	5	38	15	75	48	Somerset	1	63	183
Mountain Point	1, 2	39	05	76	25	Anne Arundel	4	27	117
Mud (Dorchester Co.)	41	38	10	76	00	Dorchester	80	151	198
Mud (Chester River)	29, 30	39	01	76	14	Kent	28	107	239
Mud (Somerset Co.)	5	38	09	76	00	Somerset	9	60	183
Muddy Drain	29	39	08	76	16	Kent	17	102	240
Mulberry Point	34	38	45	76	15	Talbot	71	209	207
Mummys Cove	30	39	07	76	06	Queen Annes	4	129	227
Mussel Hole	7	38	04	75	59	Somerset	12	66	183
Neale	19, 20	38	23	76	31	St. Marys	11	137	145

ALPHABETICAL INDEX TO NATURAL OYSTER BARS—Continued.

Name of oyster bar	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic county publication of Survey of Oyster Bars on which boundaries are defined	Page of Fourth Report of Maryland Shell Fish Commission on which characteristics are described
		Latitude		Longitude					
		°	′	°	′				
New	41	38	15	75	56	Dorchester	115	158	195
New Discovery	39	38	18	76	17	Dorchester	71	139	199
Newport	13, 14	38	12	75	14	Worcester	3	50	246
Newtown Flats	25	38	14	76	43	St. Marys	93	181	148
Nichols	30	39	05	76	11	Kent	42	113	239
Nine Acres	36, 37	38	31	76	18	Dorchester	58	126	196
Norman	40	38	15	76	07	Dorchester	87	147	198
Normans Fine Eyes	31, 32	38	55	76	17	Queen Annes	60	145	227
Normans Marsh	32	38	56	76	15	Queen Annes	64	152	226
Northwest (Kent Co)	30	39	08	76	05	Kent	64	121	239
Northwest (Queen Annes Co)	30	39	09	76	05	Queen Annes	1	130	227
Northwest Middleground	42	38	07	76	11	Dorchester	76	160	199
Old Field	30	39	05	76	10	Queen Annes	14	124	227
Old Fort	2	38	59	76	28	Anne Arundel	21	36	114
Old Hare	24	38	06	76	25	St. Marys	35	149	145
Old House	41	38	18	76	02	Dorchester	104	156	195
Old House Point	34	38	43	76	08	Talbot	102	225	207
Old Lump	20	38	19	76	25	Calvert	16	82	126
Old Orchard (Tangier Sound)	5	38	10	75	58	Somerset	8	60	183
Old Orchard (Miles River)	34	38	47	76	12	Talbot	18	232	209
Old Woman	3	38	54	76	28	Anne Arundel	49	47	117
Old Womans Patch	11	38	18	75	54	Wicomico	5	43	189
Old Wreck	25	38	14	76	44	St. Marys	102	181	148
Orem	34	38	43	76	09	Talbot	107	228	207
Outer Hole	41	38	18	75	55	Dorchester	119	159	195
Outer Magothy	2	39	03	76	24	Anne Arundel	12	30	117
Outer Round Point	3	38	55	76	30	Anne Arundel	65	50	115
Oyster Creek (Little Choptank River)	36, 37, 38	38	30	76	20	Dorchester	63	124	197
Oyster Creek (Kedge Straits)	6	38	04	76	04	Somerset	34	65	183
Oyster Shell Point	35	38	35	76	00	Dorchester	6	113	197
Paca	32	38	53	76	11	Queen Annes	86	161	225
Pagan	24	38	12	76	27	St. Marys	57	164	146
Park	2	39	05	76	29	Anne Arundel	8	29	114
Parker Moore	20	38	21	76	24	Calvert	11	84	127
Parkers Wharf	19	38	25	76	34	Calvert	31	73	126
Parsons Island	32	38	54	76	16	Queen Annes	61	146	227
Parsons Island Narrows	32	38	55	76	15	Queen Annes	63	155	226
Pattison	37	38	34	76	11	Dorchester	47	137	197
Paul	40	38	16	76	08	Dorchester	90	146	198
Paw Paw Hollow	25	38	16	76	39	St. Marys	87	175	147
Pea Hill	31	38	55	76	19	Queen Annes	46	139	227
Peach Hill	2	39	05	76	27	Anne Arundel	6	28	114
Peach Orchard	2	39	00	76	29	Anne Arundel	25	38	114
Peanut	39, 40	38	21	76	12	Dorchester	98	142	198
Peanut Hill	36, 37	38	33	76	19	Dorchester	32	127	196

ALPHABETICAL INDEX TO NATURAL OYSTER BARS—Continued.

Name of oyster bar	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic county publication of Survey of Oyster Bars on which boundaries are defined	Page of Fourth Report of Maryland Shell Fish Commission on which characteristics are described
		Latitude		Longitude					
		°	′	°	′				
Pecks Point	34	38	42	76	10	Talbot	98	223	206
Persimmon	2	39	03	76	26	Anne Arundel	11	30	114
Persimmon Tree	32	38	51	76	13	Queen Annes	81	159	225
Peterson (Calvert Co.)	19, 20	38	24	76	31	Calvert	28	75	126
Peterson (St. Marys Co.)	19, 20	38	24	76	32	St. Marys	10	137	145
Philibys	9	37	57	75	55	Somerset	24	74	183
Philips	30	39	08	76	09	Kent	53	117	240
Phoenix Shoal	28	39	17	76	13	Kent	1	95	241
Pin Cushion	34	38	44	76	12	Talbot	84	215	207
Pine Tree	31	38	54	76	20	Queen Annes	39	135	226
Piney Island East	7	38	04	75	54	Somerset	21	72	183
Piney Island Swash	7	38	07	75	55	Somerset	14	68	182
Piney Island West	7	38	05	75	57	Somerset	13	67	183
Piney Point (Kent Co.)	30	39	03	76	12	Kent	36	110	239
Piney Point (Queen Annes Co.)	30	39	03	76	12	Queen Annes	18	122	227
Pleasant Hill	33, 34, 36	38	41	76	17	Talbot	47	198	210
Plum Point	16, 17	38	37	76	29	Calvert	4	66	127
Point (Severn River)	2	39	02	76	32	Anne Arundel	29	42	114
Point (Fishing Bay)	41	38	19	76	01	Dorchester	109	156	195
Point Look-in	22	38	05	76	19	St. Marys	33	148	149
Point Lookout	22, 23	38	03	76	19	St. Marys	34	149	149
Pompes	34	38	45	76	16	Talbot	73	211	208
Pond Marsh	31	38	56	76	19	Queen Annes	49	140	227
Pone	33	38	42	76	22	Talbot	41	195	210
Poplar	30	39	00	76	11	Queen Annes	21	121	227
Poplar Island	31, 33	38	46	76	23	Talbot	38	177	210
Poplar Island Narrows	33	38	46	76	21	Talbot	39	193	208
Poplar Point	32	38	53	76	10	Talbot	2	192	209
Poppin Point	2	39	02	76	33	Anne Arundel	35	43	115
Possum Point	30	39	05	76	07	Queen Annes	13	127	228
Potato Hill	3	38	52	76	31	Anne Arundel	81	57	116
Prickly Point	7	38	05	75	54	Somerset	20	72	183
Priest	24	38	09	76	26	St. Marys	44	157	146
Prison Point	19	38	27	76	37	Calvert	34	72	126
Prospect	32	38	57	76	14	Queen Annes	72	150	226
Prospect Point	32	38	53	76	12	Queen Annes	79	157	226
Punch Island Creek	38	38	25	76	19	Dorchester	67	139	199
Purdy Flats	3	38	56	76	31	Anne Arundel	62	52	115
Purnell Hammock	14	38	06	75	17	Worcester	11	53	246
Rabbit Island	34	38	46	76	17	Talbot	61	205	208
Race Horse (Queen Annes Co.)	32	38	52	76	11	Queen Annes	93	165	225
Race Horse (Talbot Co.)	32	38	52	76	11	Talbot	4	191	209
Ragged Point	36, 37	38	32	76	18	Dorchester	36	127	196
Ragged Point Flats	36, 37	38	33	76	17	Dorchester	35	128	196
Railway	25	38	15	76	42	St. Marys	89	177	147
Raleys Shore	24	38	09	76	26	St. Marys	45	158	146
Rattlesnake	14, 15	38	06	75	18	Worcester	14	54	246

ALPHABETICAL INDEX TO NATURAL OYSTER BARS—Continued.

Name of oyster bar	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic county publication of Survey of Oyster Bars on which boundaries are defined	Page of Fourth Report of Maryland Shell Fish Commission on which characteristics are described
		Latitude		Longitude					
		°	′	°	′				
Red Buoy	36, 37	38	39	76	18	Dorchester	23	119	199
Red Sector	41	38	13	76	02	Dorchester	83	150	198
Reed Point	25	38	17	76	43	St. Marys	96	184	148
Reeds	30	39	04	76	10	Queen Annes	16	123	227
Richland	40	38	13	76	08	Dorchester	74	148	199
Rich Neck	31	38	52	76	17	Talbot	33	180	209
Ringold Middle-ground	31	38	54	76	18	Queen Annes	44	138	227
Roaring Point, East	11, 12	38	16	75	56	Wicomico	10	45	189
Roaring Point, West	41	38	16	75	56	Dorchester	117	159	195
Robins Cove	30	39	04	76	10	Queen Annes	15	123	227
Robins Marsh	14	38	09	75	15	Worcester	8	52	246
Rock Creek	5	38	12	75	55	Somerset	5	62	182
Rockhall	28, 29	39	09	76	15	Kent	14	100	241
Rock Point (South River)	3	38	55	76	31	Anne Arundel	63	51	115
Rock Point (Wicomico River)	26	38	16	76	50	Charles	13	51	132
Rock Point, Lower	2	39	01	76	31	Anne Arundel	27	41	114
Rock Point, Upper	2	39	03	76	33	Anne Arundel	32	45	115
Rocky Beach	21	38	12	76	22	St. Marys	26	144	149
Rollin	24	38	09	76	30	St. Marys	75	171	147
Rooks	31	38	57	76	19	Queen Annes	51	142	227
Rosecroft Hollow	24	38	10	76	26	St. Marys	50	162	146
Ross	37	38	33	76	15	Dorchester	40	134	197
Rough Point	3	38	57	76	33	Anne Arundel	59	54	115
Round Bay	2	39	03	76	33	Anne Arundel	33	44	115
Royston	34	38	41	76	14	Talbot	87	217	210
Ruler Flats	3	38	55	76	29	Anne Arundel	50	49	115
Russell	26	38	20	76	51	St. Marys	119	188	149
St. Catherine	26	38	15	76	47	St. Marys	108	194	148
St. Clement Entrance	25	38	14	76	44	St. Marys	92	180	147
St. George	24	38	08	76	28	St. Marys	67	167	147
St. Inigoes, North	24	38	10	76	25	St. Marys	48	160	146
St. Inigoes, South	24	38	10	76	25	St. Marys	47	160	147
St. Jerome	22	38	07	76	20	St. Marys	30	147	149
St. Margaret	26	38	15	76	49	St. Marys	112	192	148
Saltwork (Little Choptank River)	37	38	32	76	12	Dorchester	49	137	197
Saltworks (Severn River)	2	39	01	76	31	Anne Arundel	38	41	115
Sandgates	19	38	25	76	37	St. Marys	5	134	145
Sand Lump	11	38	19	75	54	Wicomico	3	43	189
Sand Shoal	41	38	14	76	00	Dorchester	101	153	195
Sand Spit	2	39	00	76	26	Anne Arundel	17	33	114
Sand Thistle	30	39	06	76	11	Kent	44	113	240
Sands	33	38	41	76	18	Talbot	46	197	210
Sandy Hill	35	38	36	76	07	Dorchester	13	115	199
Sandy Hill Lumps	35	38	36	76	06	Dorchester	12	115	199
Sandy Point (Prospect Bay)	32	38	58	76	15	Queen Annes	69	149	226
Sandy Point (Manokin River)	7	38	08	75	48	Somerset	16	68	182

ALPHABETICAL INDEX TO NATURAL OYSTER BARS—Continued.

Name of oyster bar	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic county publication of Survey of Oyster Bars on which boundaries are defined	Page of Fourth Report of Maryland Shell Fish Commission on which characteristics are described
		Latitude		Longitude					
		°	′	°	′				
Sandy Point (Chincoteague Bay)	14	38	10	75	15	Worcester	7	51	246
Sandy Point Lumps	20	38	19	76	27	Calvert	22	80	126
Sandy Point, North	2	39	02	76	23	Anne Arundell	13	31	116
Sandy Point, South	2	39	00	76	24	Anne Arundel	14	31	116
Saunders	3	38	53	76	29	Anne Arundel	68	55	117
Saw Mill Creek	32	38	55	76	13	Queen Annes	75	155	226
Scarboro Creek	14	38	09	75	16	Worcester	9	52	246
Scraping Line	35	38	35	76	04	Talbot	123	239	210
Scotland	32	38	49	76	13	Talbot	21	186	209
Sea Turtle	32	38	51	76	15	Talbot	27	183	209
Second Point	32, 34	38	47	76	12	Talbot	12	187	209
Sedge Marsh	31	38	51	76	18	Talbot	34	179	209
Sedge Point	24	38	06	76	26	St. Marys	40	153	146
Seminary	24	38	11	76	26	St. Marys	52	163	146
Seths Point	33	38	45	76	18	Talbot	56	203	208
Sharkfin Shoal	41	38	13	76	00	Dorchester	113	152	198
Sharp	33, 36, 37	38	37	76	21	Talbot	44	196	210
Sharp Point	2	39	00	76	31	Anne Arundel	39	40	115
Shaving Pile	22	38	07	76	18	St. Marys	31	147	149
Shaw Bay Hill	32	38	51	76	11	Talbot	5	191	209
Shawns Wharf	32	38	53	76	09	Queen Annes	97	167	225
Sheep (Kent Co.)	30	39	07	76	07	Kent	58	119	239
Sheep (Queen Annes Co)	30	39	06	76	07	Queen Annes	5	128	227
Sheep (Chincoteague Bay)	15	38	04	75	19	Worcester	18	55	246
Shehan	24	38	09	76	30	St. Marys	77	172	147
Shell Pile	20	38	19	76	27	Calvert	20	78	126
Ship Point	30	39	05	76	07	Queen Annes	12	126	228
Shippen Creek	30	39	07	76	06	Kent	60	120	239
Shippen Hole	32	38	51	76	12	Queen Annes	82	159	225
Shipping Creek	31	38	54	76	20	Queen Annes	40	137	227
Shipping Point	26	38	16	76	50	Charles	14	52	132
Shoal Creek	35	38	34	76	03	Dorchester	8	113	197
Short Point	24	38	12	76	27	St. Marys	55	166	146
Side Shoal	29, 30	39	01	76	14	Kent	27	107	239
Sillery Bay	1	39	05	76	27	Anne Arundel	7	28	114
Silver Spring	26	38	14	76	47	St. Marys	106	195	148
Simmons	20	38	20	76	24	Calvert	14	83	127
Slaughter Creek	36, 37, 38	38	30	76	16	Dorchester	56	125	196
Smith Creek	24	38	07	76	25	St. Marys	36	150	145
Smith Point	33	38	46	76	18	Talbot	59	204	208
Smoke Point	40	38	18	76	12	Dorchester	95	143	198
Sothoron	19	38	30	76	40	St. Marys	2	133	145
South Point	13, 14	38	12	75	13	Worcester	1	49	246
Southeast Middleground (Patuxent River)	20	38	19	76	26	Calvert	18	81	126
Southeast Middleground (Chesapeake Bay)	42	38	06	76	10	Dorchester	77	161	199
Southwest	14	38	09	75	16	Worcester	10	53	246
Southwest Middleground	6, 8	38	00	76	09	Somerset	36	65	183

ALPHABETICAL INDEX TO NATURAL OYSTER BARS—Continued.

Name of oyster bar	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic county publication of Survey of Oyster Bars on which boundaries are defined	Page of Fourth Report of Maryland Shell Fish Commission on which characteristics are described
		Latitude		Longitude					
		°	′	°	′				
Spaniard Point	30	39	06	76	09	Queen Annes	7	127	227
Spar Buoy	35	38	38	75	59	Talbot	132	242	206
Spedden	36, 37	38	38	76	19	Dorchester	24	119	199
Spencers	20	38	19	76	29	St. Marys	16	139	145
Spout	19	38	31	76	40	Calvert	41	69	127
States Bank	35	38	34	76	02	Dorchester	7	113	197
Stevens	31	38	55	76	19	Queen Annes	47	139	227
Stewart Island	34	38	42	76	10	Talbot	96	222	206
Stoddard	26	38	22	76	51	Charles	4	46	132
Stone (Pocomoke Sound)	9	37	56	75	48	Somerset	27	76	182
Stone (Chesapeake Bay)	33, 36	38	39	76	22	Talbot	42	195	210
Stone Church	34. 35	38	41	76	11	Talbot	94	221	206
Stone Pile	39	38	20	76	17	Dorchester	68	139	199
Stone Wharf	32	38	52	76	11	Queen Annes	92	164	225
Stony	25	38	16	76	40	St. Marys	88	176	147
Stony Hollow	3	38	53	76	31	Anne Arundel	78	60	116
Straits	24	38	08	76	30	St. Marys	72	170	147
Striking Marsh	15	38	04	75	16	Worcester	24	57	246
Strong Bay	29	39	01	76	17	Queen Annes	28	117	227
Sugar Loaf	35	38	34	76	02	Talbot	126	240	206
Susquehanna	37	38	31	76	16	Dorchester	53	132	196
Swan	24	38	09	76	30	St. Marys	74	171	147
Swan Creek	28	39	09	76	15	Kent	15	100	241
Swan Point	28, 29	39	08	76	18	Kent	8	99	241
Swan Reef	3	38	55	76	29	Anne Arundel	51	49	115
Swash	20	38	19	76	27	Calvert	19	80	126
Sycamore	32	38	50	76	12	Talbot	10	188	209
Tanners Patch	35	38	37	75	59	Dorchester	4	112	197
Tar Bay	39	38	20	76	15	Dorchester	69	141	196
Tarkhill	24	38	09	76	30	St. Marys	73	170	147
Tavern Creek	28, 29	39	09	76	16	Kent	9	102	241
Tea Table	27	39	13	76	19	Baltimore	1	33	103
Teague	26	38	32	76	40	Charles	1	53	132
Tenacres	21	38	11	76	21	St. Marys	27	145	149
The Black Buoy (Choptank River)	35	38	34	76	02	Talbot	125	239	206
The Haven	28, 29	39	09	76	15	Kent	13	101	241
Thomas (Calvert Co.)	19	38	28	76	39	Calvert	36	71	126
Thomas (St. Marys Co.)	19	38	27	76	38	St. Marys	4	134	145
Thomas Point North	3	38	55	76	26	Anne Arundel	47	46	116
Thomas Point South	3	38	54	76	27	Anne Arundel	48	47	116
Thompson Creek	24	38	09	76	27	St. Marys	61	158	146
Thompsons	31	38	57	76	19	Queen Annes	52	143	227
Thorough	41	38	19	76	02	Dorchester	105	157	195
Three Sisters	3	38	51	76	29	Anne Arundel	87	56	117
Thunder and Lightning	3	38	56	76	31	Anne Arundel	55	52	115
Tidemill	32	38	49	76	14	Talbot	22	185	209
Tilghman Wharf	33	38	42	76	19	Talbot	50	200	208
Tilghmans Point	31, 32	38	52	76	16	Talbot	32	180	209

ALPHABETICAL INDEX TO NATURAL OYSTER BARS—Continued.

Name of oyster bar	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic county publication of Survey of Oyster Bars on which boundaries are defined	Page of Fourth Report of Maryland Shell Fish Commission on which characteristics are described
		Latitude		Longitude					
		°	′	°	′				
Tobacco Stick	37	38	32	76	14	Dorchester	52	133	196
Toby	15	38	04	75	18	Worcester	22	57	246
Todd Point	37	38	39	76	15	Dorchester	21	130	199
Tolchester Lump	28	39	13	76	15	Kent	4	97	241
Tolly Point	2, 3	38	57	76	27	Anne Arundel	45	34	116
Town	37	38	33	76	13	Dorchester	43	135	196
Town Creek	20	38	19	76	29	St. Marys	17	140	145
Town Point (Corsica River)	30	39	05	76	08	Queen Annes	9	125	228
Town Point (Tred Avon River)	34	38	42	76	11	Talbot	95	222	206
Traces Hollow	2	39	00	76	30	Anne Arundel	26	40	114
Travers	36, 38	38	30	76	22	Dorchester	66	123	199
Trippe	34	38	43	76	07	Talbot	103	226	207
Tubbmans Drain	39, 40	38	21	76	13	Dorchester	99	142	198
Tucker	3	38	51	76	32	Anne Arundel	83	59	116
Turkey Neck	33	38	44	76	18	Talbot	53	201	208
Turkey Point (South River)	3	38	55	76	30	Anne Arundel	66	48	115
Turkey Point (Eastern Bay)	31	38	54	76	18	Queen Annes	54	134	226
Turnrow	33, 34	38	43	76	18	Talbot	63	199	208
Turpin	14	38	10	75	15	Worcester	6	51	246
Turtle Back (Choptank River)	35	38	36	76	06	Dorchester	11	114	199
Turtle Back (Miles River)	32	38	51	76	14	Talbot	28	182	209
Turtle Egg Island	5, 7	38	07	76	00	Somerset	10	59	183
Umphasis	2	39	04	76	29	Anne Arundel	9	29	114
Under the Bar	29	39	06	76	16	Kent	20	104	240
Under the Cliffs	20	38	21	76	24	Calvert	12	84	127
Under the Gums	3	38	56	76	27	Anne Arundel	46	45	116
Upper Forrest	19	38	25	76	36	St. Marys	6	135	145
Upper Harris Creek	31, 32, 34	38	47	76	16	Talbot	62	181	208
Upper Hill	32	38	52	76	15	Talbot	31	181	209
Upper Newfoundland	41	38	19	75	54	Dorchester	121	160	195
Upper Stake	11	38	20	75	53	Wicomico	1	42	189
Upper Steps	16	38	41	76	31	Calvert	2	65	127
Wade	2	39	00	76	30	Anne Arundel	40	39	115
Wades Point	31	38	50	76	18	Talbot	35	179	209
Walnut	33	38	46	76	18	Talbot	58	204	208
Walter White	32	38	57	76	15	Queen Annes	67	150	226
Ware (Chesapeake Bay)	39, 40	38	17	76	13	Dorchester	73	140	199
Ware (Langford Creek)	30	39	09	76	09	Kent	54	117	240
Ware Sands	41	38	13	76	02	Dorchester	100	152	195
Waterloo	26	38	14	76	47	St. Marys	105	195	148
Watermelon Point	34	38	45	76	07	Talbot	111	229	207
Watkins	9	37	56	75	48	Somerset	28	76	182
Weems Lower	2	39	00	76	29	Anne Arundel	42	38	115
Weems Upper	2	39	00	76	30	Anne Arundel	41	39	115
Welch	2	39	05	76	27	Anne Arundel	5	28	114
Well Cove	32	38	58	76	15	Queen Annes	71	148	226

ALPHABETICAL INDEX TO NATURAL OYSTER BARS—Continued.

Name of oyster bar	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic county publication of Survey of Oyster Bars on which boundaries are defined	Page of Fourth Report of Maryland Shell Fish Commission on which characteristics are described
		Latitude		Longitude					
		°	′	°	′				
Well Point	34	38	45	76	16	Talbot	72	210	208
West End	32	38	50	76	13	Talbot	24	184	209
West St. Marys	24	38	11	76	27	St. Marys	58	163	146
Wetipquin	11	38	20	75	53	Wicomico	2	42	189
Whetstone	32	38	52	76	10	Queen Annes	94	165	225
Whitehall	2	38	58	76	27	Anne Arundel	19	33	114
Whitehall Creek	2	39	00	76	26	Anne Arundel	18	32	114
White Horse	28, 29	39	09	76	15	Kent	12	100	241
White Marsh	29	39	06	76	15	Kent	21	104	240
White Point	26	38	17	76	49	St. Marys	116	190	148
White Point Hollow	26	38	17	76	49	St. Marys	115	190	149
White Rock	15	38	03	75	17	Worcester	26	58	246
White Wood	39	38	19	76	14	Dorchester	70	141	196
Wickes Beach	29	39	02	76	16	Kent	25	106	239
Wicomico Lumps	26	38	21	76	51	Charles	5	47	132
Wicomico Middleground	26	38	18	76	50	Charles	10	49	132
Wild Cherry Tree	33	38	42	76	18	Talbot	49	199	208
Wild Ground (Eastern Bay)	31	38	54	76	19	Queen Annes	38	135	226
Wild Ground (Miles River)	32	38	49	76	13	Talbot	11	188	209
Willeys Island	34	38	45	76	14	Talbot	85	216	207
Willeys Island Flats	34	38	45	76	14	Talbot	77	212	207
Willis	34, 35	38	40	76	09	Talbot	114	230	206
Willow Bottom	30	39	05	76	11	Kent	41	112	239
Wilson Shoals	11	38	18	75	55	Wicomico	9	45	189
Wilsons Point	30	39	09	76	11	Kent	50	116	240
Winders Bank	32	38	52	76	10	Talbot	3	192	209
Windmill (Wicomico River)	26	38	19	76	51	Charles	8	48	132
Windmill (Honga River)	40	38	16	76	10	Dorchester	91	145	198
Windmill Flats	29	39	08	76	16	Kent	16	102	240
Wingate	5	38	14	75	52	Somerset	2	63	183
Wreck Buoy	2	38	58	76	26	Anne Arundel	16	34	116
Wroten Island	39, 40	38	19	76	12	Dorchester	96	143	198
Wye Island	32	38	53	76	11	Queen Annes	88	162	225
Wye River Middleground	32	38	53	76	11	Queen Annes	90	163	225
Wye Town	32	38	51	76	12	Talbot	7	190	209

NATURAL OYSTER BARS.

NUMERICAL INDEX.

NOTE.—See Alphabetical Index for other references relating to natural oyster bars.

ANNE ARUNDEL COUNTY.

County index number indicating oyster bars on Index Chart	Name of oyster bar	County index number indicating oyster bars on Index Chart	Name of oyster bar	County index number indicating oyster bars on Index Chart	Name of oyster bar
1	Bodkin Point North	33	Round Bay	63	Rock Point (South River)
2	Bodkin Point South	34	Big Island	64	Inner Round Point
3	Lumps East of Craighill Channel	35	Poppin Point	65	Outer Round Point
4	Mountain Point	36	Brewer (Severn River)	66	Turkey Point (South River)
5	Welch	37	Clem Point	67	Marshy Point
6	Peach Hill	38	Saltworks (SevernRiver)	68	Saunders
7	Sillery Bay	39	Sharp Point	69	Lulu
8	Park	40	Wade	70	Dutchman
9	Umphasis	41	Weems Upper	71	Dutchman Hollow
10	Black	42	Weems Lower	72	Cherry (Rhode River)
11	Persimmon	43	Horn Point (Severn River)	73	Buce
12	Outer Magothy	44	Chinks Point	74	Flat Island
13	Sandy Point North	45	Tolly Point	75	High Island
14	Sandy Point South	46	Under The Gums	76	Bolston Bank
15	Hackett Point	47	Thomas Point North	77	Jackass
16	Wreck Buoy	48	Thomas Point South	78	Stony Hollow
17	Sand Spit	49	Old Woman	79	Brice Fence
18	Whitehall Creek	50	Ruler Flats	80	Cheston Point
19	Whitehall	51	Swan Reef	81	Potato Hill
20	Inside Greenbury Point	52	Hill Point East	82	Barren Neck
21	Old Fort	53	Hill Point (Severn River)	83	Tucker
22	Little Sandy	54	Fox Point	84	Cedar Point (West River)
23	Creces Cove	55	Thunder and Lightning.	85	Collins Flats
24	Ferry Point	56	Aberdeen	86	Curtis
25	Peach Orchard	57	Duvall	87	Three Sisters
26	Traces Hollow	58	Beard Point	88	Bay Shore
27	Rock Point Lower	59	Rough Point	89	Long (Chesapeake Bay)
28	Chase	60	Almshouse	90	Fairhaven
29	Point (Severn River)	61	Brewer (South River)	91	Holland Point (Chesapeake Bay)
30	Aisquith Creek	62	Purdy Flats		
31	Arnold Point				
32	Rock Point Upper				

BALTIMORE COUNTY.

1	Tea Table	2	Millers Island	3	Man-O'-War Shoals

NUMERICAL INDEX TO NATURAL OYSTER BARS—Continued.

CALVERT COUNTY.

County index number indicating oyster bars on Index Chart	Name of oyster bar	County index number indicating oyster bars on Index Chart	Name of oyster bar	County index number indicating oyster bars on Index Chart	Name of oyster bar
1	Hog Point	16	Old Lump	29	Island Creek (Patuxent River)
2	Upper Steps	17	Light House Lump	30	Broome Island
3	Lower Steps	18	Southeast Middleground (Patuxent River)	31	Parkers Wharf
4	Plum Point			32	Jacks Bay
5	Daddie Dare			33	Jacks Marsh
6	Governors Run	19	Swash	34	Prison Point
7	Emanuel	20	Shell Pile	35	Kitts Marsh
8	Flag Pond	21	Cherry Tree (Patuxent River)	36	Thomas (Calvert County)
9	Cove Point Bight				
10	Little Cove Point	22	Sandy Point Lumps	37	Broad Neck (Calvert County)
11	Parker Moore	23	Back of Island		
12	Under The Cliffs	24	Barn Gates	38	Macks Hollow
13	Chinese Muds (Calvert County)	25	Hungerford Hollow	39	Buzzard Island
		26	Hellen	40	Holland Point (Patuxent River)
14	Simmons	27	Mears (Calvert County)		
15	Carroll Muds (Calvert County)	28	Peterson (Calvert County)	41	Spout

CHARLES COUNTY.

1	Teague	7	Joes Lumps	11	Charleston Creek
2	Elbow	8	Windmill (Wicomico River)	12	Lancaster
3	Carpenters Yard			13	Rock Point (Wicomico River)
4	Stoddard	9	Fenwick		
5	Wicomico Lumps	10	Wicomico Middleground	14	Shipping Point
6	Mills West			15	Cobb Point

DORCHESTER COUNTY.

1	Drum Point (Choptank River)	20	Logans Hill	39	Hudson (Little Choptank River)
		21	Todd Point		
2	Cabin Creek Entrance	22	Cook Point	40	Ross
3	Cabin Creek (Choptank River)	23	Red Buoy	41	Butterpot
		24	Spedden	42	McKeils Point
4	Tanners Patch	25	Diamond (Chesapeake Bay)	43	Town
5	Dixon			44	Cherry Island
6	Oyster Shell Point	26	Dupont	45	Brumell
7	States Bank	27	Brannock	46	Jones (Little Choptank River)
8	Shoal Creek	28	Mill Point (Chesapeake Bay)		
9	Green Marsh			47	Pattison
10	Hambrooks	29	Hills Point (Chesapeake Bay)	48	Barn Point
11	Turtle Back (Choptank River)			49	Saltwork (Little Choptank River)
		30	Hills Point North		
12	Sandy Hill Lumps	31	Hills Point South	50	Fishing Creek
13	Sandy Hill	32	Peanut Hill	51	Grapevine
14	Commander	33	Cow Island	52	Tobacco Stick
15	Horn Point (Choptank River)	34	Bald Eagle (Little Choptank River)	53	Susquehanna
				54	Along Shore
16	Le Compte	35	Ragged Point Flats	55	Hooper
17	Castle Haven Creek	36	Ragged Point	56	Slaughter Creek
18	Castle Haven	37	Little Pollard	57	Bridge
19	Corners Wharf	38	Cason	58	Nine Acres

NUMERICAL INDEX TO NATURAL OYSTER BARS—Continued.

DORCHESTER COUNTY—Continued.

County index number indicating oyster bars on Index Chart	Name of oyster bar	County index number indicating oyster bars on Index Chart	Name of oyster bar	County index number indicating oyster bars on Index Chart	Name of oyster bar
59	Little Choptank	78	Boundary	100	Ware Sands
60	Henpeck	79	Holland Straits	101	Sand Shoal
61	Cators	80	Mud (Dorchester County)	102	Evans (Fishing Bay)
62	Granger			103	Goose Creek
63	Oyster Creek (Little Choptank River)	81	Jane	104	Old House
		82	Bell Buoy	105	Thorough
64	Marshall	83	Red Sector	106	Flat Rock
65	James Point	84	Bloodsworth	107	Half Way Mark
66	Travers	85	Hopkins Cove	108	Hill
67	Punch Island Creek	86	Applegarth	109	Point (Fishing Bay)
68	Stone Pile	87	Norman	110	Bungay
69	Tar Bay	88	Lower Thoroughfare	111	Duck Island
70	White Wood	89	Crab Point	112	Clay Island
71	New Discovery	90	Paul	113	Sharkfin Shoal
72	Horse Point Channel	91	Windmill (Honga River)	114	Frog Point
73	Ware (Chesapeake Bay)			115	New
		92	Hickory	116	Hills and Holes
74	Richland	93	Lakes Cove	117	Roaring Point West
75	Hooper Strait	94	Dark Point	118	Bean Shoal
76	Northwest Middleground	95	Smoke Point	119	Outer Hole
		96	Wroten Island	120	Lower Newfoundland
77	Southeast Middleground (Chesapeake Bay)	97	Gum	121	Upper Newfoundland
		98	Peanut		
		99	Tubbmans Drain		

KENT COUNTY.

1	Phoenix Shoal	25	Wickes Beach	45	Boat House
2	Deep Shoal	26	Dredge Rock	46	Drum Point (Langford Creek)
3	Coal Lump	27	Side Shoal		
4	Tolchester Lump	28	Mud (Chester River)	47	Davis Creek
5	Mitchells Bluff Buoy	29	Ferry (Kent County)	48	Island Point
6	Gales Lumps	30	Buoy Rock	49	Eagle Point (Langford Creek)
7	Hodges	31	Hail Creek		
8	Swan Point	32	Hail Point	50	Wilsons Point
9	Tavern Creek	33	Black Buoy (Chester River)	51	Kings Creek
10	Little Neck (Swan Creek)			52	Bailey
		34	Durdin	53	Philips
11	Deep Landing Hole	35	Belts	54	Ware (Langford Creek)
12	White Horse	36	Piney Point (Kent County)	55	Ebb Point
13	The Haven			56	Cliff
14	Rockhall	37	Bay Bush Point	57	Commegys Bight
15	Swan Creek	38	Bluff Point (Chester River)	58	Sheep (Kent County)
16	Windmill Flats			59	Deep Point
17	Muddy Drain	39	Chester River Middleground	60	Shippen Creek
18	Huntingfield			61	Haddaway
19	Gum Spring	40	Limekiln	62	Hollyday (Kent County)
20	Under The Bar	41	Willow Bottom		
21	White Marsh	42	Nichols	63	Melton Point
22	Hickory Thicket	43	Hudson (Chester River)	64	Northwest (Kent County
23	East Neck Bay				
24	Entrance Lumps	44	Sand Thistle		

NUMERICAL INDEX TO NATURAL OYSTER BARS—Continued.

QUEEN ANNES COUNTY.

County index number indicating oyster bars on Index Chart	Name of oyster bar	County index number indicating oyster bars on Index Chart	Name of oyster bar	County index number indicating oyster bars on Index Chart	Name of oyster bar
1	Northwest (Queen Annes County)	33	Kent Point	67	Walter White
2	Booker Wharf	34	Long Point (Eastern Bay)	68	Hog Island (Prospect Bay)
3	Hollyday (Queen Annes County)	35	Bodkin Shoals	69	Sandy Point (Prospect Bay)
4	Mummys Cove	36	Brick House Hill	70	Buckhorn
5	Sheep (Queen Annes County)	37	Bunker Hill	71	Well Cove
6	Emory Hollow	38	Wild Ground (Eastern Bay)	72	Prospect
7	Spaniard Point	39	Pine Tree	73	Hood
8	Holton Point	40	Shipping Creek	74	Cabin Creek (Prospect Bay)
9	Town Point (Corsica River)	41	Greeves Cove	75	Saw Mill Creek
10	Earle Cove	42	Mattapex	76	Mill Hill
11	Emory Wharf	43	Batts Neck	77	Bugby
12	Ship Point	44	Ringold Middleground	78	Greenwood Creek
13	Possum Point	45	Erickson Sands	79	Prospect Point
14	Old Field	46	Pea Hill	80	Coffee
15	Robins Cove	47	Stevens	81	Persimmon Tree
16	Reeds	48	Jones Hole	82	Shippen Hole
17	Hells Delight	49	Pond Marsh	83	Mills
18	Piney Point (Queen Annes County)	50	Island Cove	84	Hobbs
19	Horse Race	51	Rooks	85	Baxters Hollow
20	Carpenter Island	52	Thompsons	86	Paca
21	Poplar	53	Middle Block	87	Bryan (Wye River)
22	Blunt	54	Turkey Point (Eastern Bay)	88	Wye Island
23	Long Point (Chester River)	55	Bodkin Island	89	Drum Point (Wye River)
24	Flood Point	56	Cox Neck	90	Wye River Middleground.
25	Kent Island Narrows	57	Cedar Island	91	Hess
26	Ferry (Queen Annes County)	58	Johnson Island	92	Stone Wharf
27	Carvel	59	Crab Alley Lumps	93	Race Horse (Queen Annes County)
28	Strong Bay	60	Normans Fine Eyes	94	Whetstone
29	Love Point	61	Parsons Island	95	Melvin
30	Broad Creek	62	Bald Eagle (Eastern Bay)	96	Dividing
31	Brick House	63	Parsons Island Narrows	97	Shawns Wharf
32	Gum Thicket	64	Normans Marsh	98	Granary Point
		65	Bibby		
		66	Dominion		

ST. MARYS COUNTY.

1	Brooks Shallows	10	Peterson (St. Marys County)	19	La Grande
2	Sothoron	11	Neale	20	Millstone
3	Broad Neck (St. Marys County)	12	Mears (St. Marys County)	21	Deep Point Mud
4	Thomas (St. Marys County)	13	Half Pone	22	Carroll Muds (St. Marys County)
5	Sandgates	14	Hawks Nest	23	Hog Island (Patuxent River)
6	Upper Forrest	15	Bob Wise	24	Chinese Muds (St. Marys County)
7	Lower Forrest	16	Spencers	25	Cedar Point Hollow
8	Gatton	17	Town Creek	26	Rocky Beach
9	Captain Point	18	Goodwin		

Numerical Index to Natural Oyster Bars—Continued.

ST. MARYS COUNTY—Continued.

County index number indicating oyster bars on Index Chart	Name of oyster bar	County index number indicating oyster bars on Index Chart	Name of oyster bar	County index number indicating oyster bars on Index Chart	Name of oyster bar
27	Tenacres	61	Thompson Creek	92	St. Clement Entrance
28	McKay	62	Carthagena Creek	93	Newtown Flats
29	Fish Hawk	63	Coad	94	Chapel Point
30	St. Jerome	64	Edmund	95	Abell
31	Shaving Pile	65	Middleground Lump	96	Reed Point
32	Butler	66	Cherry (St. Marys River)	97	Guest Marshes
33	Point Look-in			98	Harry Jacks
34	Point Lookout	67	St. George	99	Mileys Creek
35	Old Hare	68	Hurdle	100	Bluff Woods
36	Smith Creek	69	Goose Point (St. George River)	101	Canoe Creek
37	Dunbar			102	Old Wreck
38	Jutland	70	Island Shore	103	Horse
39	Graves	71	Milbourne Shore	104	Dukehart Channel
40	Sedge Point	72	Straits	105	Waterloo
41	Chicken Cock	73	Tarkill	106	Silver Spring
42	Fort	74	Swan	107	Hackley Creek
43	Langley Hollow	75	Rollin	108	St. Catherine
44	Priest	76	Cedar Point (St. George River)	109	Bullock Island
45	Raleys Shore			110	Bullock
46	Jones (St. Marys River)	77	Shehan	111	Mouth of River
47	St. Inigoes South	78	Long (St. George River)	112	St. Margaret
48	St. Inigoes North			113	Bluff Point (Wicomico River)
49	Kennedy	79	Chadwick		
50	Rosecroft Hollow	80	Heron Island Reef	114	Blakistone
51	Gravelly Run	81	Heron Island Sound	115	White Point Hollow
52	Seminary	82	Black Walnut (Bretons Bay)	116	White Point
53	Horseshoe (St. Marys River)			117	Bramleigh Creek
		83	Gough	118	Manahowic Creek
54	Bryan (St. Marys River)	84	Lovers Point	119	Russell
		85	Mouldy Creek	120	Mills East
55	Short Point	86	Island	121	Chaptico Lumps
56	Biscoe	87	Paw Paw Hollow	122	Cohouck
57	Pagan	88	Stony	123	Key
58	West St. Marys	89	Railway	124	Mouth of Creek
59	Cooper Creek	90	Bretons Bay		
60	Coppage	91	Blue Sow		

SOMERSET COUNTY.

1	Mount Vernon Wharf	14	Piney Island Swash.	27	Stone (Pocomoke Sound)
2	Wingate	15	Georges		
3	Buoy	16	Sandy Point (Manokin River)	28	Watkins
4	Evans (Wicomico River)			29	Long Point (Pocomoke Sound)
		17	Cormal		
5	Rock Creek	18	Marshy Island	30	Gunby
6	Halls Point	19	Drum Point (Manokin River)	31	Marumsco
7	Haines			32	Kitts Creek West
8	Old Orchard (Tangier Sound)	20	Prickly Point	33	Kitts Creek East
		21	Piney Island East	34	Oyster Creek (Kedge Straits)
9	Mud (Somerset Co.)	22	Harris		
10	Turtle Egg Island	23	Big Annemessex	35	Kedge Straits
11	Chain Shoal	24	Philibys	36	Southwest Middleground
12	Mussel Hole	25	Great Rock		
13	Piney Island West	26	Fox Island	37	Church Creek

NUMERICAL INDEX TO NATURAL OYSTER BARS—Continued.

TALBOT COUNTY.

County index number indicating oyster bars on Index Chart	Name of oyster bar	County index number indicating oyster bars on Index Chart	Name of oyster bar	County index number indicating oyster bars on Index Chart	Name of oyster bar
1	Juniper	43	Clay Bank	86	Fox
2	Poplar Point	44	Sharp	87	Royston
3	Winders Bank	45	Black Walnut (Big Choptank River)	88	Irish Creek
4	Race Horse (Talbot County)	46	Sands	89	Choptank Lumps
5	Shaw Bay Hill	47	Pleasant Hill	90	Benoni
6	Bruffs Island	48	Church Hill	91	Light House
7	Wye Town	49	Wild Cherry Tree	92	Bachelor Point
8	Herring Island	50	Tilghman Wharf	93	Fox Hole
9	East End	51	Change	94	Stone Church
10	Sycamore	52	Eagle Point (Harris Creek)	95	Town Point (Tred Avon River)
11	Wild Ground (Miles River)	53	Turkey Neck	96	Stewart Island
12	Second Point	54	Mill Point (Harris Creek)	97	Goose Neck
13	Gibsons Flats	55	Hunts	98	Pecks Point
14	Long Point (Miles River)	56	Seths Point	99	Mares Point
15	Cox	57	Lodges	100	Louis Cove
16	Barnett	58	Walnut	101	Bamings Cove
17	Bazzles Hill	59	Smith Point	102	Old House Point
18	Old Orchard (Miles River)	60	Little Neck (Harris Creek)	103	Trippe
19	Ash Craft	61	Rabbit Island	104	Bakers Cove
20	Deep Water Point	62	Upper Harris Creek	105	Marshy
21	Scotland	63	Turnrow	106	Flatty
22	Tidemill	64	Great Marsh	107	Orem
23	Hambleton	65	France	108	Double Mills
24	West End	66	Dawson	109	Johnston
25	Hambleton Hill	67	Long Point Woods	110	Camden Point
26	Bozman Neck	68	Great Bar	111	Watermelon Point
27	Sea Turtle	69	Brown	112	Back Shore
28	Turtle Back (Miles River)	70	Deep Neck	113	Hopkins
29	Horseshoe (Miles River)	71	Mulberry Point	114	Willis
30	Aldridges Discovery	72	Well Point	115	Island Creek (Choptank River)
31	Upper Hill	73	Pompes	116	Matthews
32	Tilghmans Point.	74	Coopers Point	117	Chlora Point
33	Rich Neck	75	Judys Point	118	Beacons
34	Sedge Marsh (Tred Avon River)	76	Brushy Point	119	La Trappe
35	Wades Point	77	Willeys Island Flats	120	Howells Point
36	Marys Delight	78	Holland Point (Broad Creek)	121	Dickinson
37	Lows Point	79	Harrison	122	Kirby
38	Poplar Island	80	Broad Creek Middle-ground	123	Scraping Line
39	Poplar Island Narrows	81	Cedar Point (Broad Creek)	124	Bolingbroke Sand
40	Bay Hundred	82	Drum Point (Broad Creek)	125	The Black Buoy (Choptank River)
41	Pone	83	Joe Harris Flats	126	Sugar Loaf
42	Stone (Chesapeake Bay)	84	Pin Cushion	127	Chancellor Point
		85	Willeys Island	128	British Harbour
				129	Goose Point (Choptank River)
				130	Mill Dam
				131	Jamaica Point
				132	Spar Buoy

NUMERICAL INDEX TO NATURAL OYSTER BARS—Continued.

WICOMICO COUNTY.

County index number indicating oyster bars on Index Chart	Name of oyster bar	County index number indicating oyster bars on Index Chart	Name of oyster bar	County index number indicating oyster bars on Index Chart	Name of oyster bar
1	Upper Stake	7	Long Shoal	12	Big Hill
2	Wetipquin	8	Cherry Tree (Nanticoke River)	13	Great Shoals
3	Sand Lump			14	Ingram Shoal
4	Hickory Nut	9	Wilson Shoals	15	Holland
5	Old Womans Patch	10	Roaring Point East		
6	Cedar Shoal	11	Middleground		

WORCESTER COUNTY.

1	South Point	11	Purnell Hammock	20	Kennel
2	Handys Hammock	12	Diamond (Chincoteague Bay)	21	Big Bay Point
3	Newport			22	Toby
4	Lambertson Landing	13	Beef Creek	23	Deep Water
5	Ennis	14	Rattlesnake	24	Striking Marsh
6	Turpin	15	Martin Point	25	Levin Tump
7	Sandy Point (Chincoteague Bay)	16	Easter Cove	26	White Rock
		17	Mink Tump	27	Horsehead North
8	Robins Marsh	18	Sheep (Chincoteague Bay)	28	Horsehead South
9	Scarboro Creek				
10	Southwest	19	Drum		

CRAB BOTTOMS.

ALPHABETICAL INDEX.

NOTE.—See Numerical Index for names of crab bottoms corresponding to numbers on Index Chart.

Name of crab bottom	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which boundaries are defined	Page of Fourth Report of Maryland Shell Fish Commission on which characteristics are described
		Latitude		Longitude					
		°	′	°	′				
Adam Island	42	38	09	76	05	Dorchester	3	170	193
Apes Hole	9	37	57	75	48	Somerset	38	110	151
Back Creek	9	37	59	75	52	Somerset	29	104	151
Big Island	9	37	58	75	59	Somerset	39	101	151
Bishop Head	41	38	13	76	02	Dorchester	14	167	193
Bloodsworth Island	41, 42	38	11	76	02	Dorchester	7	168	193
Broad Creek	9	37	55	75	51	Somerset	36	108	151
Cancer	9	37	59	75	52	Somerset	28	104	151
Cedar Straits	9	37	55	75	54	Somerset	35	108	151
Colburn	7	38	04	75	47	Somerset	21	98	151
Crane Cove	7	38	04	75	49	Somerset	17	96	151
Daugherty Creek	7	38	02	75	51	Somerset	24	99	151
Deal Island	5, 7	38	08	75	58	Somerset	2	83	152
Deep Banks	5, 6, 7	38	08	76	02	Somerset	46	81	152
Drum	9	38	00	75	58	Somerset	40	102	151
Duck Point Cove	40	38	16	76	06	Dorchester	12	166	193
Fishing Creek	9	37	56	75	54	Somerset	34	107	151
Fishing Point	6, 7	38	02	76	00	Somerset	42	88	152
Fords Wharf	7	38	04	75	50	Somerset	16	95	151
Fox Creek	40	38	18	76	07	Dorchester	10	165	193
Geanquakin	5, 7	38	09	75	51	Somerset	10	85	152
Goose Creek	7	38	06	75	52	Somerset	12	93	151
Grassy	40, 41	38	12	76	03	Dorchester	8	167	193
Great Cove	41, 42	38	10	76	01	Dorchester	6	169	193
Great Point	9	37	57	75	54	Somerset	33	107	151
Hazard	7	38	04	75	53	Somerset	14	94	151
Holland Island	42	38	07	76	05	Dorchester	2	171	193
Holland Straits	5, 6, 7	38	09	76	01	Somerset	45	82	152
Jackson Island	7	38	03	75	50	Somerset	22	98	151
Jenkins Creek	9	37	57	75	52	Somerset	31	105	151
Jenny Island	40, 41	38	14	76	04	Dorchester	13	166	193
Jones Creek	7	38	02	75	50	Somerset	23	99	151
Kings Island	9	37	57	75	53	Somerset	32	106	151
Lavellette	9	37	58	75	52	Somerset	30	105	151
Laws Thoroughfare North	5	38	10	75	57	Somerset	1	83	152
Laws Thoroughfare South	5, 7	38	08	75	55	Somerset	7	84	152
Light House	9	37	58	75	53	Somerset	27	103	151
Little Deal Island	7	38	07	75	56	Somerset	4	91	151
Lower Thoroughfare	7	38	07	75	56	Somerset	6	91	151
Marsh Island	5, 7	38	08	75	53	Somerset	8	84	152
Miles	7	38	04	75	47	Somerset	20	97	151

ALPHABETICAL INDEX TO CRAB BOTTOMS—Continued.

Name of crab bottom	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location. Latitude		Longitude		County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which boundaries are defined	Page of Fourth Report of Maryland Shell Fish Commission on which characteristics are described
		°	′	°	′				
Mine Creek	7	38	05	75	53	Somerset	13	94	151
Moon Bay	7	38	04	75	48	Somerset	18	96	151
Northeast Island	42	38	09	76	04	Dorchester	4	169	193
North Kedge Straits	6	38	05	76	03	Somerset	49	87	152
Okahanikan	40, 41, 42	38	12	76	04	Dorchester	9	167	193
Old House	9	37	58	75	53	Somerset	26	102	151
Piney Island	7	38	06	75	55	Somerset	5	92	151
Pry Cove	6	38	06	76	03	Somerset	48	86	152
Pry Island	42	38	07	76	04	Dorchester	1	172	193
Pungers Creek	5, 6, 7	38	07	76	01	Somerset	44	82	152
Red Cap Creek	7	38	05	75	47	Somerset	19	97	151
Shanks Creek	8	37	58	76	02	Somerset	53	100	151
Shark Point	7	38	04	75	52	Somerset	15	95	151
Sheepshead	6, 7	38	04	76	02	Somerset	50	87	152
Smith Island Thoroughfare	6, 8, 9	38	00	76	03	Somerset	52	89	151
South Kedge Straits	6	38	02	76	02	Somerset	51	88	152
South Marsh	7	38	05	76	00	Somerset	43	90	151
Spring Island (Dorchester Co.)	42	38	08	76	03	Dorchester	5	170	193
Spring Island (Somerset Co.)	6	38	07	76	03	Somerset	47	86	152
St. Pierre	5, 7	38	08	75	52	Somerset	9	85	152
Teague Creek	7	38	07	75	50	Somerset	11	93	151
Tenth Point	7	38	02	75	51	Somerset	25	100	151
Terrapin Sand	7, 9	38	01	75	58	Somerset	41	89	151
Tylers Creek	8, 9	37	58	76	01	Somerset	54	101	151
Ware Point	9	37	56	75	49	Somerset	37	109	151
Wenona	7	38	07	75	57	Somerset	3	90	151
Wingate	40	38	17	76	06	Dorchester	11	165	193

CRAB BOTTOMS.

NUMERICAL INDEX.

NOTE.—See Alphabetical Index for other references relating to crab bottoms.

DORCHESTER COUNTY.

County index number indicating crab bottoms on Index Chart	Name of crab bottom	County index number indicating crab bottoms on Index Chart	Name of crab bottom	County index number indicating crab bottoms on Index Chart	Name of crab bottom
1	Pry Island	6	Great Cove	12	Duck Point Cove
2	Holland Island	7	Bloodsworth Island	13	Jenny Island
3	Adam Island	8	Grassy	14	Bishop Head
4	Northeast Island	9	Okahanikan		
5	Spring Island (Dorchester County)	10	Fox Creek		
		11	Wingate		

SOMERSET COUNTY.

1	Laws Thoroughfare North	19	Red Cap Creek	39	Big Island
		20	Miles	40	Drum
2	Deal Island	21	Colburn	41	Terrapin Sand
3	Wenona	22	Jackson Island	42	Fishing Point
4	Little Deal Island	23	Jones Creek	43	South Marsh
5	Piney Island	24	Daugherty Creek	44	Pungers Creek
6	Lower Thoroughfare	25	Tenth Point	45	Holland Straits
7	Laws Thoroughfare South	26	Old House	46	Deep Banks
		27	Light House	47	Spring Island (Somerset County)
8	Marsh Island	28	Cancer		
9	St. Pierre	29	Back Creek	48	Pry Cove
10	Geanquakin	30	Lavellette	49	North Kedge Straits
11	Teague Creek	31	Jenkins Creek	50	Sheepshead
12	Goose Creek	32	Kings Island	51	South Kedge Straits
13	Mine Creek	33	Great Point	52	Smith Island Thoroughfare
14	Hazard	34	Fishing Creek		
15	Shark Point	35	Cedar Straits	53	Shanks Creek
16	Fords Wharf	36	Broad Creek	54	Tylers Creek
17	Crane Cove	37	Ware Point		
18	Moon Bay	38	Apes Hole		

CLAM BEDS.

ALPHABETICAL INDEX.

NOTE.—See Numerical Index for names of clam beds corresponding to number on Index Chart.

Name of clam bed	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location		County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which boundaries are defined	Page of Fourth Report of Maryland Shell Fish Commission on which characteristics are described
		Latitude	Longitude				
		° ′	° ′				
Flat Rock	9, 10	37 56	75 47	Somerset	3	112	152
Gravel Rock	9	37 55	75 48	Somerset	2	111	152
Ware Rock	9	37 35	75 48	Somerset	1	111	152

NUMERICAL INDEX.

NOTE.—See Alphabetical Index for other references relating to clam beds.

SOMERSET COUNTY.

County index number indicating clam beds on Index Chart	Name of clam bed	County index number indicating clam beds on Index Chart	Name of clam bed	County index number indicating clam beds on Index Chart	Name of clam bed
1	Ware Rock	2	Gravel Rock	3	Flat Rock

LANDMARKS.

U. S. COAST AND GEODETIC SURVEY TRIANGULATION STATIONS.

ALPHABETICAL INDEX.

NOTE.—See Numerical Index for names of triangulation stations corresponding to numbers on Index Chart.

Name of station	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which locations are described
		Latitude		Longitude				
		°	′	°	′			
Aber	32	38	48	76	11	Talbot	29	66
Adam	37	38	33	76	11	Dorchester	49	71
Adams	24	38	08	76	29	St. Marys	109	87
Albert	32	38	52	76	10	Queen Annes	116	92
All	34	38	43	76	07	Talbot	211	127
Aller	32	38	54	76	10	Queen Annes	106	88
Alley	32	38	56	76	15	Queen Annes	79	77
Almshouse	3	38	56	76	32	Anne Arundel	82	92
Almshouse (Lighting Rod)	3	38	56	76	32	Anne Arundel	81	92
Alpha	3	38	52	76	32	Anne Arundel	96	96
Amour	29	38	43	76	16	Queen Annes	41	33
Annette	34	38	43	76	16	Talbot	123	93
Ansley	34	38	46	76	14	Talbot	157	105
Apple	3	38	50	76	32	Anne Arundel	101	98
Applegarth	40	38	14	76	08	Dorchester	93	87
Ar	41	38	19	75	55	Dorchester	128	98
Arbuckle	24	38	09	76	30	St. Marys	99	91
Arnold	2	39	02	76	32	Anne Arundel	42	80
Arundel	3	38	55	76	28	Anne Arundel	70	88
Asbury Church	9	37	58	75	50	Somerset	45	49
Ash	30	39	08	76	10	Kent	55	66
Ashland	30	39	07	76	06	Queen Annes	12	53
Asquith	40	38	17	76	09	Dorchester	107	90
Assateague Light	(1)	37	55	75	21	Virginia	23	[1] 40
Attila	32	38	52	76	10	Queen Annes	118	93
Austin	37	38	32	76	11	Dorchester	61	76
Avalon	33	38	43	76	20	Talbot	89	80
Aye	34	38	44	76	08	Talbot	202	123
Bach	34, 35	38	41	76	11	Talbot	224	132
Back	37	38	33	76	15	Dorchester	36	66
Bailey	26	38	14	76	47	St. Marys	168	126
Bald	34	38	45	76	15	Talbot	136	97
Baldwins	32	38	52	76	10	Talbot	12	58
Ball (Wicomico River)	5	38	14	75	51	Somerset	5	35
Ball (Harris Creek)	33	38	45	76	18	Talbot	119	86
Baltimore Light	(2)	39	04	76	24	Anne Arundel	6	[2] 32
Bank (Magothy River)	2	39	05	76	31	Anne Arundel	16	71
Bank (Swan Creek)	28, 29	39	09	76	16	Kent	5	31
Bank (St. Clement Bay)	25	38	16	76	43	St. Marys	147	110

[1] See Worcester County publication.

[2] See Queen Annes County publication.

ALPHABETICAL INDEX TO TRIANGULATION STATIONS—Continued.

Name of station	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which locations are described
		Latitude		Longitude				
		°	′	°	′			
Bank (Tred Avon River)	35	38	37	76	00	Talbot	263	158
Bar (Tangier Sound)	5, 7	38	08	75	58	Somerset	13	38
Bar (Harris Creek)	33	38	41	76	19	Talbot	87	79
Bar (Sinepuxent Bay)	13	38	16	75	08	Worcester	15	32
Barber (Wicomico River)	26	38	23	76	51	St. Marys	181	116
Barber (Tred Avon River)	35	38	36	76	01	Talbot	259	157
Bareda House Cupola	20	38	19	76	26	Calvert	18	55
Barn	7	38	08	75	48	Somerset	30	44
Barnett	34	38	46	76	11	Talbot	62	149
Bars	19	38	23	76	32	St. Marys	11	47
Bateman	34	38	45	76	07	Talbot	196	121
Bath	30	39	05	76	07	Queen Annes	22	46
Battle	19	38	27	76	37	Calvert	39	42
Batts	31	38	55	76	19	Queen Annes	53	66
Bay (Magothy River)	1	39	06	76	27	Anne Arundel	11	68
Bay (Severn River)	2	39	02	76	33	Anne Arundel	49	82
Bay Bush Point	30	39	03	76	13	Kent	23	46
Bay Ridge Stack	3	38	56	76	27	Anne Arundel	66	87
Bay Side	2	39	01	76	24	Anne Arundel	26	75
Bayly	37	38	33	76	15	Dorchester	37	67
Beach (Chesapeake Bay)	16	38	40	76	32	Calvert	2	27
Beach (Sinepuxent Bay)	13	38	17	75	07	Worcester	11	30
Beacon	9	37	55	75	54	Virginia	8	[1] 50
Beacon Clumps	14	38	08	75	12	Worcester	28	37
Beak	32	38	48	76	11	Talbot	33	68
Beau	25	38	16	76	38	St. Marys	121	98
Beckwith	37	38	34	76	12	Dorchester	44	70
Bee	32	38	54	76	10	Queen Annes	102	86
Beg	34	38	46	76	10	Talbot	39	141
Belle	25	38	16	76	39	St. Marys	130	96
Bellevue	34	38	42	76	11	Talbot	180	115
Bello	24	38	11	76	27	St. Marys	88	78
Ben	20	38	18	76	28	St. Marys	19	58
Bend	24	38	12	76	26	St. Marys	75	81
Bengal	34	38	46	76	15	Talbot	139	98
Benn	32	38	51	76	12	Queen Annes	89	81
Benoni 2	34	38	40	76	12	Talbot	177	114
Bentley	40	38	18	76	11	Dorchester	99	88
Berry	34, 35	38	40	76	09	Talbot	242	139
Bethel	34	38	47	76	08	Talbot	54	145
Between	24	38	07	76	26	St. Marys	55	70
Beverly	34	38	46	76	14	Talbot	155	104
Bight	2	39	02	76	32	Anne Arundel	41	80
Bill	30	39	09	76	05	Queen Annes	6	58
Billiard	19	38	29	76	40	St. Marys	2	38
Birch	13, 14	38	13	75	12	Worcester	22	35
Bird	30	39	04	76	10	Queen Annes	31	41
Bivalve Church	11	38	18	75	53	Wicomico	4	26
Black	33, 36	38	40	76	20	Talbot	84	78
Black Beacon	35	38	37	76	07	Talbot	252	153
Blakeford	30	39	00	76	10	Queen Annes	35	37
Blakistone	26	38	17	76	48	St. Marys	172	123
Blakistone Island Light	25	38	12	76	45	St. Marys	163	105

[1] See Somerset County publication.

ALPHABETICAL INDEX TO TRIANGULATION STATIONS—Continued.

Name of station	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location: Latitude		Approximate geographic location: Longitude		County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which locations are described
		°	′	°	′			
Blanco	34	38	44	76	16	Talbot	128	95
Blank	(1)	39	10	76	02	Kent	92	88
Blind	35	38	38	75	59	Talbot	265	159
Bloody Point Bar Light	31	38	50	76	24	Queen Annes	46	63
Blossom	34	38	44	76	07	Talbot	200	123
Bluebeard	30	38	59	76	11	Queen Annes	36	37
Bluff (Severn River)	2	38	59	76	28	Anne Arundel	34	77
Bluff (Magothy River)	2	39	04	76	27	Anne Arundel	8	70
Bodkin Point (Old Tower)	1	39	08	76	25	Anne Arundel	3	68
Boling	35	38	35	76	02	Talbot	256	155
Bon	20	38	19	76	27	Calvert	19	54
Bonnet	32	38	56	76	14	Queen Annes	86	79
Booker	30	39	08	76	04	Queen Annes	9	56
Boone	34, 35	38	40	76	10	Talbot	225	132
Borough	34	38	42	76	09	Talbot	217	129
Bowman	26	38	20	76	52	Charles	10	27
Bozman	34	38	46	76	16	Talbot	112	91
Bozman M. E. Church Spire	34	38	46	76	16	Talbot	113	91
Bramble	28	39	15	76	13	Kent	2	29
Brannock	36, 37	38	35	76	16	Dorchester	29	56
Break	30	39	02	76	10	Queen Annes	34	38
Brewer (Severn River)	2	39	02	76	32	Anne Arundel	50	83
Brewer (South River)	3	38	57	76	33	Anne Arundel	80	91
Brian Reference Station	32	38	56	76	13	Queen Annes	87	80
Briary	33	38	46	76	18	Talbot	97	83
Brice	2	39	00	76	29	Anne Arundel	35	78
Bridge (Honga River)	39, 40	38	18	76	12	Dorchester	100	87
Bridge (Kent Island Narrows)	29, 32	38	58	76	15	Queen Annes	83	36
Brief	24	38	12	76	27	St. Marys	82	83
Briscoe	20	38	22	76	30	St. Marys	13	49
Broad (Chesapeake Bay)	4	38	47	76	31	Anne Arundel	107	100
Broad (Chester River)	(2)	39	09	76	04	Kent	87	85
Brome	24	38	11	76	26	St. Marys	72	80
Brooks	37	38	32	76	12	Dorchester	63	77
Brown	30	39	06	76	09	Kent	75	75
Bruffs	32	38	52	76	12	Talbot	18	61
Buena	19	38	32	76	39	Calvert	46	34
Buffing	13	38	19	75	07	Worcester	5	27
Buffington Windmill	13	38	19	75	07	Worcester	6	28
Bungay	30	39	09	76	11	Kent	48	63
Bur	20	38	20	76	29	Calvert	26	51
Burns	30	39	08	76	05	Queen Annes	11	54
Burr	26	38	21	76	52	Charles	9	26
Bush	32	38	53	76	08	Queen Annes	128	97
But	32	38	48	76	12	Talbot	28	65
Buzz	19	38	29	76	39	Calvert	43	38
Buzzard	25	38	17	76	38	St. Marys	128	94
Cabin	34	38	45	76	15	Talbot	134	97
Cable	20	38	19	76	29	St. Marys	16	52
Cain	20, 21	38	17	76	23	St. Marys	24	58
Cake	30	39	09	76	04	Queen Annes	7	57

[1] See progress map in Kent County publication.

[2] See Worcester County publication.

ALPHABETICAL INDEX TO TRIANGULATION STATIONS—Continued.

Name of station	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which locations are described
		Latitude		Longitude				
		°	′	°	′			
Calf	3	38	53	76	32	Anne Arundel	91	95
Calvert Monument	24	38	11	76	26	St. Marys	73	81
Cam	34	38	43	76	07	Talbot	212	127
Cambridge	35	38	35	76	05	Dorchester	16	50
Cambridge Stand Pipe	35	38	34	76	05	Dorchester	15	50
Camden	34	38	45	76	07	Talbot	199	122
Can	36, 37, 38	38	30	76	18	Dorchester	81	59
Canoe	25	38	15	76	44	St. Marys	161	107
Carrie	37	38	33	76	15	Dorchester	38	67
Carroll 2	20	38	18	76	25	St. Marys	21	56
Castle	35	38	38	76	10	Dorchester	24	53
Catholic Church Cross	20	38	20	76	28	Calvert	24	52
Catholic Church Cross (Benedict)	26	38	31	76	41	Charles	4	37
Catholic Church Cross (Newtown Neck)	25	38	15	76	42	St. Marys	143	108
Catholic Church Spire (Annapolis)	2	38	58	76	29	Anne Arundel	60	85
Cato	3	38	52	76	31	Anne Arundel	88	94
Caulk	34	38	45	76	16	Talbot	130	95
Cecil	25	38	17	76	43	St. Marys	148	112
Cedar (South River)	3	38	56	76	32	Anne Arundel	83	92
Cedar (Severn River)	2	39	04	76	34	Anne Arundel	45	81
Cedar (Bretons Bay)	25	38	16	76	38	St. Marys	124	95
Cedar (Broad Creek)	34	38	44	76	14	Talbot	166	109
Cedar Point Light	20, 39	38	18	76	22	St. Marys	23	58
Cedoak	25	38	14	76	41	St. Marys	114	104
Chadwick	24	38	10	76	31	St. Marys	102	92
Chalk	3	38	50	76	32	Anne Arundel	99	97
Chan	24	38	10	76	27	St. Marys	70	78
Chancellor	35	38	35	76	02	Talbot	258	156
Change 1910	33, 34	38	43	76	18	Talbot	121	86
Chap	32	38	48	76	07	Talbot	50	70
Chapel	25	38	16	76	42	St. Marys	144	108
Charles (Wicomico River)	26	38	17	76	50	Charles	14	30
Charles (Honga River)	40	38	19	76	10	Dorchester	105	89
Charles (Island Creek)	34, 35	38	40	76	08	Talbot	231	135
Chase (Severn River)	2	39	01	76	31	Anne Arundel	39	79
Chase (Whitehall Bay)	2	39	00	76	26	Anne Arundel	30	76
Chef	33, 36, 37	38	38	76	17	Dorchester	27	55
Cherry	24	38	08	76	28	St. Marys	93	86
Cherry Cove	25	38	16	76	41	St. Marys	135	100
Cherry Island Water Tank	37	38	34	76	13	Dorchester	45	70
Ches	3	38	52	76	31	Anne Arundel	95	96
Chester (Chester River)	30	39	06	76	07	Queen Annes	15	51
Chester (Virginia)	(1)	37	57	75	26	Virginia	21	[1]41
Chestnut	24	38	10	76	25	St. Marys	63	76
Chew	32	38	53	76	08	Talbot	4	55
Chief	35	38	35	75	59	Dorchester	8	47
Child	12	38	15	75	50	Wicomico	13	30
Chin	32	38	54	76	10	Queen Annes	105	87
Chlora	35	38	38	76	09	Talbot	245	150
Choptank River Light	34, 35, 37	38	39	76	11	Talbot	244	140

[1] See Worcester County publication

ALPHABETICAL INDEX TO TRIANGULATION STATIONS —Continued.

Name of station	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which locations are described
		Latitude		Longitude				
		°	′	°	′			
Church	24	38	10	76	26	St. Marys	60	73
Church Creek (No. 1 West)	37	38	31	76	11	Dorchester	60	76
City	26	38	31	76	40	Charles	3	37
Clark	34	38	44	76	12	Talbot	163	108
Clay	30	39	09	76	09	Kent	61	68
Clem	2	39	01	76	32	Anne Arundel	51	83
Close	32	38	54	76	10	Queen Annes	103	87
Clump (Chesapeake Bay)	2	39	00	76	25	Anne Arundel	27	75
Clump (Harris Creek)	34	38	47	76	16	Talbot	105	89
Coal	34	38	44	76	15	Talbot	125	93
Cobb Point Bar Light	26	38	15	76	50	Charles	18	32
Cobrums	25	38	17	76	43	St. Marys	155	113
Coffee	31	38	56	76	19	Queen Annes	56	67
Cohouck	26	38	21	76	50	St. Marys	179	118
Colburn	7	38	03	75	48	Somerset	38	46
Cole	19	38	24	76	35	St. Marys	9	45
Collier	[1]	38	21	75	05	Worcester	38	24
Collins	19	38	28	76	40	St. Marys	4	39
Colonel	32	38	51	76	11	Talbot	16	60
Comb (Miles River)	34	38	46	76	10	Talbot	60	148
Combs (Honga River)	24	38	08	76	29	St. Marys	96	88
Command	35	38	36	76	05	Dorchester	18	51
Compton	25	38	15	76	42	St. Marys	136	102
Convent Water Tower	[1]	38	21	75	05	Worcester	39	25
Cook	34	38	43	76	14	Talbot	168	110
Cook Point Windmill	36, 37	38	37	76	17	Dorchester	28	55
Cool	2	39	01	76	31	Anne Arundel	38	79
Coppage	24	38	10	76	28	St. Marys	89	77
Corn (Chesapeake Bay)	2	39	01	76	24	Anne Arundel	24	74
Corn (Langford Creek)	30	39	07	76	10	Kent	69	71
Corn (Bretons Bay)	25	38	17	76	38	St. Marys	125	95
Corner (Wicomico River)	26	38	16	76	50	Charles	17	32
Corner (Choptank River)	37	38	37	76	12	Dorchester	25	64
Corner (Wye River)	32	38	53	76	08	Talbot	2	55
Corpse	30	39	06	76	07	Queen Annes	14	51
Corr	28	39	10	76	15	Kent	10	32
Corsica	30	39	05	76	09	Queen Annes	18	47
Cottage (Chesapeake Bay)	3	38	55	76	28	Anne Arundel	67	87
Cottage (St. Inigoes Creek)	24	38	10	76	26	St. Marys	67	74
Counallor	3	38	51	76	32	Anne Arundel	98	97
Cousin	32	38	52	76	10	Talbot	13	59
Cove	3	38	51	76	32	Anne Arundel	102	98
Cove Point Light	18, 20, 38	38	23	76	23	Calvert	14	32
Cow	41	38	16	75	57	Dorchester	126	97
Cox (Crab Alley Bay)	31	38	55	76	18	Queen Annes	73	74
Cox (Manokin River)	7	38	09	75	47	Somerset	28	43
Crab	41	38	11	76	01	Dorchester	96	93
Crack	34	38	42	76	07	Talbot	214	128
Craddock	20	38	18	76	27	St. Marys	20	56
Craighill Channel Light (Front Range)	27	39	11	76	24	Baltimore	2	25
Craighill Channel Light (Rear Range)	27	39	14	76	24	Baltimore	1	25

[1] See Worcester County progress map.

ALPHABETICAL INDEX TO TRIANGULATION STATIONS—Continued.

Name of station	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which locations are described
		Latitude		Longitude				
		°	′	°	′			
Crane	20	38	19	76	29	St. Marys	18	53
Craney	31	38	56	76	22	Queen Annes	45	63
Creek (Irish Creek)	34	38	42	76	13	Talbot	176	113
Creek (Wicomico River)	12	38	16	75	49	Wicomico	14	31
Cremona	19	38	27	76	39	St. Marys	5	40
Croch	41	38	15	76	02	Dorchester	115	93
Crow	30	39	03	76	10	Queen Annes	30	41
Cult	30	39	08	76	09	Kent	67	70
Cummings	33, 34	38	46	76	18	Talbot	99	84
Cup	10	37	56	75	38	Virginia	15	[1] 53
Cupola (Rhode River)	3	38	52	76	32	Anne Arundel	93	95
Cupola (Manokin River)	7	38	08	75	49	Somerset	31	44
Curtis	3	38	51	76	30	Anne Arundel	103	98
Cut	30	39	06	76	13	Kent	33	52
Cutoff Channel Light (Front Range)	27	39	12	76	27	Baltimore	4	26
Cutoff Channel Light (Rear Range)	27	39	13	76	28	Baltimore	6	26
Dago	24	38	07	76	24	St. Marys	40	64
Dan	33, 34	38	46	76	18	Talbot	116	84
Darce	32	38	53	76	11	Queen Annes	109	89
David	37	38	33	76	12	Dorchester	51	72
Davis	30	39	07	76	10	Kent	42	61
Day	24	38	06	76	25	St. Marys	54	69
Deal Island Church	5	38	09	75	57	Somerset	12	38
Deck	32	38	53	76	09	Talbot	7	57
Deep	24	38	11	76	27	St. Marys	85	80
Deep Cove	30	39	06	76	11	Kent	38	59
Deep Point 2	30	39	07	76	07	Kent	78	77
Deewat	32	38	48	76	13	Talbot	68	72
Delahay	34, 35	38	40	76	09	Talbot	228	134
Dell	31	38	55	76	19	Queen Annes	70	73
Delta (Rhode River)	3	38	53	76	31	Anne Arundel	89	94
Delta (Broad Creek)	34	38	46	76	16	Talbot	142	100
Desert	20, 21	38	16	76	24	St. Marys	25	58
Deux	34	38	42	76	07	Talbot	213	128
Dicks Water Tank	35	38	35	76	05	Dorchester	19	50
Divide	32	38	53	76	09	Queen Annes	123	95
Dixon	32	38	51	76	16	Talbot	73	75
Dobbins	2	39	05	76	28	Anne Arundel	13	71
Doctor (Little Choptank River)	37	38	32	76	12	Dorchester	64	77
Doctor (Miles River)	34	38	47	76	09	Talbot	56	146
Dog	34	38	47	76	17	Talbot	100	87
Dorrance	34	38	47	76	09	Talbot	45	144
Dot	37	38	38	76	14	Dorchester	26	64
Double	35	38	36	76	03	Talbot	255	155
Dove	5	38	12	75	52	Somerset	8	36
Down	30	39	09	76	04	Queen Annes	5	59
Draw	32	38	48	76	08	Talbot	49	70
Drum (Langford Creek)	30	39	07	76	10	Kent	41	60
Drum (Smith Creek)	24	38	07	76	24	St. Marys	44	65
Drum Point Light	20	38	19	76	25	Calvert	17	55

[1] See Somerset County publications.

ALPHABETICAL INDEX TO TRIANGULATION STATIONS—Continued.

Name of station	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which locations are described
		Latitude		Longitude				
		°	′	°	′			
Duck (Honga River)	40	38	17	76	06	Dorchester	110	92
Duck (Choptank River)	35	38	36	76	00	Talbot	260	157
Dull	32	38	56	76	15	Queen Annes	81	78
Dune	25	38	14	76	41	St. Marys	116	103
Dunk	33	38	45	76	19	Talbot	94	82
Dunnock	38	38	23	76	17	Dorchester	86	83
Dupont	37	38	34	76	13	Dorchester	43	69
Dusky	24	38	10	76	26	St. Marys	66	74
Dutchman	3	38	52	76	31	Anne Arundel	87	93
Dwarf	19	38	30	76	40	Calvert	44	37
Dynard	25	38	18	76	43	St. Marys	153	115
Eagle (Langford Creek)	30	39	08	76	11	Kent	44	61
Eagle (Harris Creek)	33	38	44	76	19	Talbot	93	81
Ear	41	38	17	76	00	Dorchester	122	96
Earle (Corsica River)	30	39	05	76	08	Queen Annes	26	44
Earle (Nanticoke River)	11	38	21	75	52	Wicomico	1	25
East	9	37	56	75	50	Somerset	48	51
E. Cambridge Spire	35	38	34	76	04	Dorchester	13	50
E. Cambridge Tall Stack	35	38	34	76	04	Dorchester	14	49
Eastman	34	38	46	76	15	Talbot	140	99
Easton	32	38	48	76	08	Talbot	52	71
Edmond	33	38	46	76	18	Talbot	117	85
Edward	32	38	52	76	11	Talbot	15	60
Eedling	26	38	19	76	51	Charles	11	28
Eleanor	37	38	32	76	13	Dorchester	65	78
Ella	12	38	15	75	52	Wicomico	11	29
Elliason	28	39	09	76	15	Kent	8	34
Elliott	41	38	19	76	01	Dorchester	121	95
Ellpow	13	38	18	75	08	Worcester	10	30
Elmore	34	38	46	76	14	Talbot	154	104
Emanuel Church	9	37	59	75	51	Somerset	43	49
End (Harris Creek)	31, 32, 34	38	48	76	17	Talbot	107	41
End (Wicomico River)	12	38	15	75	49	Wicomico	15	31
Engineer	30	39	05	76	08	Queen Annes	20	46
Enough	24	38	07	76	24	St. Marys	43	65
Enter	34, 35	38	40	76	10	Talbot	226	133
Episcopal Church Cross (Old St. Marys)	24	38	11	76	26	St. Marys	74	81
Etna	3	38	53	76	31	Anne Arundel	90	94
Etta	37	38	32	76	12	Dorchester	55	74
Evans	30	39	06	76	08	Queen Annes	16	49
Ewell Church Spire (Smith Island)	8	37	58	76	01	Somerset	58	47
Face	32	38	49	76	11	Talbot	31	67
Fact	26	38	20	76	51	St. Marys	177	120
Fair	32	38	48	76	12	Talbot	26	65
Fairbanks	34	38	45	76	16	Talbot	131	96
Fairhaven	4	38	45	76	34	Anne Arundel	110	101
Fairmount Church	7	38	06	75	48	Somerset	33	44
Farm	41	38	19	76	03	Dorchester	118	94
Farr	26	38	19	76	50	St. Marys	176	121
Fassett	13	38	17	75	08	Worcester	12	31
Fence	25	38	15	76	41	St. Marys	117	101
Ferry (Magothy River)	2	39	04	76	30	Anne Arundel	19	72

ALPHABETICAL INDEX TO TRIANGULATION STATIONS—Continued.

Name of station	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which locations are described
		Latitude		Longitude				
		°	′	°	′			
Ferry (Choptank River)	35	38	34	76	02	Dorchester	11	48
Ferry (Wye River)	32	38	53	76	11	Queen Annes	96	84
Field	2	39	00	76	30	Anne Arundel	55	84
Fig	34	38	47	76	08	Talbot	55	145
Fight	19	38	26	76	39	St. Marys	7	42
Finish	38	38	28	76	17	Dorchester	75	81
Fir	30	39	03	76	11	Queen Annes	33	39
First	34, 35	38	41	76	10	Talbot	223	132
Fish	41	38	16	75	59	Dorchester	123	96
Fishbone	9	37	53	76	00	Virginia	6	[1] 48
Fishstack	20	38	19	76	27	Calvert	20	54
Fitz	([1])	38	09	75	47	Somerset	25	43
Flagpole	24	38	08	76	25	St. Marys	48	68
Flag Pond	18	38	27	76	28	Calvert	11	31
Flag Staff (Naval Academy Boathouse)	2	38	59	76	29	Anne Arundel	57	85
Flat (Wye River)	32	38	52	76	11	Queen Annes	115	92
Flat (Smith Creek)	24	38	08	76	25	St. Marys	50	68
Flat Cap	7	38	02	75	53	Somerset	40	46
Fodder	26	38	32	76	41	Charles	1	35
Fog 2	6	38	02	76	02	Somerset	54	39
Ford (Langford Creek)	30	39	08	76	11	Kent	45	62
Ford (Chesapeake Bay)	21	38	14	76	24	St. Marys	26	59
Ford (Big Annemessex River)	7	38	04	75	50	Somerset	36	45
Fore	30	39	06	76	12	Kent	34	53
Fork	28	39	09	76	15	Kent	7	35
Forr	19	38	25	76	36	St. Marys	8	43
Fort (Severn River)	2	38	59	76	28	Anne Arundel	33	77
Fort (St. Marys River)	24	38	08	76	26	St. Marys	56	71
Fort Howard								
Taller Water Tank	27	39	12	76	27	Baltimore	5	26
Fox	34	38	46	76	17	Talbot	115	92
Fox Island Poplar	9	37	54	75	54	Virginia	9	[2] 50
Foxwell	25	38	17	76	38	St. Marys	127	94
Frank	32	38	51	76	12	Talbot	21	62
Franklin	4	38	49	76	30	Anne Arundel	105	99
Frog	41	38	14	75	57	Dorchester	125	96
Front	33	38	44	76	21	Talbot	81	77
Gander	35	38	36	75	59	Dorchester	7	47
Gantt	([3])	38	20	75	06	Worcester	40	25
Gash	34	38	45	76	07	Talbot	198	122
Geog	7	38	03	75	49	Somerset	39	46
Gibbs	34	38	47	76	11	Talbot	37	141
Ginger	3	38	57	76	33	Anne Arundel	75	90
Gis	35	38	38	76	07	Talbot	250	153
Go	32	38	53	76	10	Queen Annes	122	94
Golds	34	38	42	76	09	Talbot	218	130
Goose (Grays Inn River)	30	39	06	76	13	Kent	28	50
Goose (St. George River)	24	38	08	76	29	St. Marys	95	88
Gordon	30	39	03	76	11	Queen Annes	32	40
Gover	11	38	21	75	54	Dorchester	129	98
Gowan	3	38	53	76	29	Anne Arundel	86	93

[1] Somerset County publication. [2] See progress map in Worcester County publication. [3] See Somerset County publication.

ALPHABETICAL INDEX TO TRIANGULATION STATIONS—Continued.

Name of station	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location: Latitude		Approximate geographic location: Longitude		County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which locations are described
		°	′	°	′			
Grace	34	38	46	76	17	Talbot	102	88
Grace M. E. Church	15	38	01	75	23	Virginia	17	[1] 41
Gram (Severn River)	3	38	57	76	28	Anne Arundel	64	86
Gram (Broad Creek)	34	38	46	76	15	Talbot	138	98
Granary	32	38	53	76	08	Queen Annes	126	96
Grason	24	38	10	76	26	St. Marys	61	75
Gratitude	28, 29	39	08	76	16	Kent	16	37
Grave	34	38	46	76	14	Talbot	149	102
Gravel	24	38	10	76	26	St. Marys	71	79
Gray	30	39	06	76	13	Kent	30	51
Great	33	38	45	76	21	Talbot	80	77
Great Shoals Light	12	38	13	75	53	Wicomico	10	35
Greek	31	38	56	76	18	Queen Annes	68	72
Green (Eastern Bay)	32	38	54	76	12	Queen Annes	88	80
Green (Manokin River)	7	38	09	75	47	Somerset	29	44
Green Run Inlet Life Saving Station Flagstaff.	14, 15	38	05	75	12	Worcester	31	38
Greenbury	2	38	58	76	27	Anne Arundel	31	77
Greenbury Point Light	2	38	58	76	27	Anne Arundel	32	77
Greenwell	37	38	33	76	14	Dorchester	40	68
Grind	24	38	10	76	27	St. Marys	90	76
Grove (Reeds Creek)	30	39	03	76	10	Queen Annes	29	42
Grove (Bretons Bay)	25	38	14	76	41	St. Marys	115	104
Grubin	35	38	38	76	07	Talbot	251	153
Guest	25	38	18	76	43	St. Marys	150	114
Guilberts Cupola	14	38	09	75	17	Worcester	27	38
Guither	24	38	10	76	31	St. Marys	103	93
Gull	13	38	19	75	06	Worcester	7	28
Gunners	39, 40	38	20	76	13	Dorchester	101	86
Gust	26	38	19	76	51	Charles	12	28
Gusta	32	38	53	76	10	Talbot	10	58
Gut	30	39	09	76	09	Kent	63	69
Hackett	2	38	59	76	25	Anne Arundel	28	76
Haddaway	33	38	47	76	20	Talbot	77	76
Haines	5	38	11	75	57	Somerset	11	37
Hall (Potomac River)	22	38	04	76	22	St. Marys	36	62
Hall (Miles River)	34	38	45	76	10	Talbot	61	148
Hall House (Middle Chimney)	22	38	04	76	22	St. Marys	37	63
Hallowing	19	38	31	76	40	Calvert	45	36
Ham (Magothy River)	2	39	05	76	30	Anne Arundel	15	71
Ham (Miles River)	34	38	46	76	10	Talbot	59	147
Hambrooks Bar Beacon	35	38	36	76	05	Dorchester	17	50
Hamilton	13	38	20	75	05	Worcester	1	26
Hammett	24	38	13	76	28	St. Marys	78	85
Handys Hammock	13, 14	38	13	75	15	Worcester	25	36
Hard	26	38	16	76	50	Charles	15	31
Harmon	13	38	20	75	07	Worcester	3	26
Harp	30	39	09	76	09	Kent	60	68
Harper	34	38	46	76	14	Talbot	158	106
Harrington	38	38	29	76	18	Dorchester	77	82
Harrison	34	38	47	76	17	Talbot	104	89

[1] See Worcester County publication.

ALPHABETICAL INDEX TO TRIANGULATION STATIONS—Continued.

Name of station	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which locations are described
		Latitude		Longitude				
		°	′	°	′			
Harry	34, 35	38	40	76	08	Talbot	230	134
Has	7	38	04	75	52	Somerset	35	45
Haven	28, 29	39	09	76	15	Kent	13	35
Hawk	33	38	45	76	19	Talbot	95	82
Hayden	26	38	21	76	52	Charles	8	26
Head	41	38	13	76	02	Dorchester	114	93
Healey (Bretons Bay)	25	38	16	76	39	St. Marys	131	97
Healey (Island Creek)	34, 35	38	40	76	08	Talbot	238	137
Hedney	26	38	18	76	51	Charles	13	29
Hellen	20	38	21	76	29	Calvert	28	49
Hen	33	38	44	76	18	Talbot	120	86
Henderson	32, 34	38	47	76	08	Talbot	53	71
Henry	37	38	33	76	15	Dorchester	34	66
Here	31	38	57	76	20	Queen Annes	57	68
Heron	25	38	13	76	43	St. Marys	164	105
Herr	32	38	50	76	13	Talbot	23	63
Herring	30	39	07	76	13	Kent	31	51
Herring Pond 2	(1)	38	10	76	41	Virginia	1	[1] 105
Hickory	1	39	05	76	27	Anne Arundel	12	69
High (Severn River)	2	39	04	76	33	Anne Arundel	44	81
High (Honga River)	41	38	19	76	01	Dorchester	120	95
Higher	34	38	43	76	07	Talbot	210	127
Hill	3	38	55	76	30	Anne Arundel	71	88
Hog 2	20	38	19	76	24	St. Marys	22	56
Hog Point (Holland 3)	16	38	43	76	32	Calvert	1	26
Holland (Chesapeake Bay	4	38	44	76	32	Anne Arundel	111	101
Holland (Wicomico River)	12	38	15	75	51	Wicomico	12	30
Holland Island Bar Light	6	38	04	76	06	Somerset	53	39
Holland Island Church Spire	42	38	07	76	05	Dorchester	95	104
Hollow	25	38	16	76	39	St. Marys	132	98
Holly	34	38	44	76	12	Talbot	164	108
Holton Point	30	39	05	76	09	Queen Annes	27	43
Hoo	30	39	08	76	09	Kent	66	70
Hook	32	38	54	76	11	Queen Annes	98	85
Hooper Island Light	39	38	15	76	15	Dorchester	92	84
Hooper Strait Light	40	38	14	76	05	Dorchester	113	93
Hoopersville Methodist Church Cupola	40	38	16	76	11	Dorchester	98	88
Hope	31	38	58	76	19	Queen Annes	63	70
Hopkins (Herring Bay)	4	38	46	76	33	Anne Arundel	109	100
Hopkins (Broad Creek)	34	38	45	76	13	Talbot	160	106
Hopkins Memorial Church Cupola	40	38	15	76	08	Dorchester	97	88
Horn (Magothy River)	2	39	05	76	31	Anne Arundel	17	72
Horn (Severn River)	2	38	58	76	28	Anne Arundel	62	85
Hornor	30	39	08	76	10	Kent	53	65
Horse	9	37	57	76	00	Virginia	5	[2] 49
Horseshoe (Chesapeake Bay)	3	38	50	76	29	Anne Arundel	104	99

[1] See St. Marys County publications.

[2] See Somerset County publications.

ALPHABETICAL INDEX TO TRIANGULATION STATIONS—Continued.

Name of station	Approximate geographic location: Chart number of Maryland Oyster Chart on which shown	Latitude	Longitude	County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which locations are described
		° ′	° ′			
Horseshoe (St. Marys River)	24	38 12	76 27	St. Marys	76	82
Hosier Memorial Church Spire	39, 40	38 20	76 14	Dorchester	89	87
Hospital Cupola (Naval Academy)	2	38 59	76 30	Anne Arundel	56	85
Hough	32	38 51	76 12	Queen Annes	90	81
House	35	38 38	75 58	Dorchester	3	15
Howard (Choptank River)	35	38 35	76 07	Dorchester	20	51
Howards (St. Clement Bay)	25	38 16	76 42	St. Marys	146	110
Howells	35	38 37	76 07	Talbot	253	154
Huddle	2	39 04	76 29	Anne Arundel	20	73
Hudson	37	38 32	76 15	Dorchester	32	65
Hugh	37	38 32	76 12	Dorchester	54	73
Hunter	34	38 43	76 08	Talbot	203	124
Hunting	34	38 46	76 10	Talbot	42	143
Hut	35	38 38	75 58	Dorchester	2	44
Hutchins	19	38 23	76 33	St. Marys	10	46
Hydrographic	30	39 05	76 08	Queen Annes	25	44
Ide	30	39 08	76 08	Kent	65	70
Ila	34	38 42	76 13	Talbot	175	113
Ill 2	16	38 39	76 32	Calvert	3	27
In	24	38 07	76 24	St. Marys	45	66
Indian (Patuxent River)	26	38 30	76 41	Charles	5	38
Indian (Chester River)	30	39 07	76 06	Queen Annes	13	52
Inez	35	38 38	76 07	Talbot	249	152
Ingraya	13	38 14	75 10	Worcester	19	34
Inigoes	24	38 10	76 26	St. Marys	68	73
Inkquill	13	38 18	75 07	Worcester	8	28
Inn	30	39 05	76 12	Kent	37	54
Irish	34	38 42	76 14	Talbot	171	111
Iron	2	39 05	76 29	Anne Arundel	14	71
Island (Severn River)	2	39 02	76 34	Anne Arundel	48	82
Island (Patuxent River)	19	38 24	76 32	Calvert	35	44
Island (Grays Inn Creek)	30	39 06	76 12	Kent	35	53
Isle	30	39 08	76 10	Kent	43	61
Ivee	5	38 15	75 50	Somerset	3	34
Jam	35	38 37	75 59	Talbot	261	158
James (Chesapeake Bay)	36, 37	38 32	76 20	Dorchester	84	61
James (Miles River)	32	38 51	76 12	Talbot	20	62
Janes Island Light	9	37 58	75 55	Somerset	41	49
Jarrett	30	39 08	76 05	Kent	82	81
Jay	34, 35	38 40	76 08	Talbot	241	139
Jean	5, 7	38 09	75 51	Somerset	22	39
Jenifer	37	38 33	76 15	Dorchester	33	65
Jere	33, 36	38 37	76 22	Talbot	86	79
Johnson	32, 34	38 47	76 08	Talbot	47	69
Jones	5	38 15	75 49	Somerset	2	34
Joseph	6, 8	38 01	76 03	Somerset	55	40
Joshua	7	38 07	75 57	Somerset	14	41
Journey	30	39 08	76 04	Queen Annes	8	56
Judge	34	38 45	76 14	Talbot	152	103

ALPHABETICAL INDEX TO TRIANGULATION STATIONS—Continued.

Name of station	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which locations are described
		Latitude		Longitude				
		°	′	°	′			
Juliet	11	38	20	75	53	Wicomico	2	25
Julius	30	39	09	76	03	Queen Annes	4	59
June	32	38	54	76	10	Queen Annes	104	87
Jutland	24	38	07	76	25	St. Marys	47	67
Kaywood	25	38	14	76	42	St. Marys	139	104
Keenes	39, 40	38	22	76	13	Dorchester	102	86
Kelley	7	38	08	75	55	Somerset	19	41
Kemp	31	38	50	76	18	Talbot	76	40
Kemp Tower	31	38	50	76	18	Talbot	75	40
Kennedy	24	38	10	76	26	St. Marys	69	77
Kent	34, 35	38	40	76	08	Talbot	229	134
Kerwin	40	38	22	76	11	Dorchester	103	89
Key	26	38	22	76	50	St. Marys	189	117
Killick Shoal Light	(1)	38	57	75	23	Virginia	22	40
King	30	39	08	76	10	Kent	54	65
Kinsley	30	39	08	76	11	Kent	46	62
Kirby	37	38	32	76	11	Dorchester	58	75
Kirk	34	38	46	76	09	Talbot	58	147
Kirwan	32	38	57	76	15	Queen Annes	82	79
Kit (Island Creek)	34, 35	38	41	76	07	Talbot	235	136
Kitt (Patuxent River)	19	38	28	76	37	Calvert	40	41
Knee	32	38	54	76	10	Queen Annes	99	85
K. of P. Flagstaff (Solomons)	20	38	19	76	27	Calvert	21	53
Knob	2	39	00	76	30	Anne Arundel	36	78
Knock	31	38	57	76	19	Queen Annes	64	70
Koot	34	38	46	76	17	Talbot	114	91
Labor	24	38	06	76	28	St. Marys	111	69
Lakes	40	38	19	76	09	Dorchester	106	90
Lan	35	38	38	76	07	Talbot	247	151
Landeye	34, 35	38	40	76	09	Talbot	243	139
Landing	31	38	57	76	19	Queen Annes	65	71
Landlet	14	38	07	75	18	Worcester	29	38
Laney	37	38	32	76	13	Dorchester	66	78
Langford	30	39	06	76	10	Kent	73	73
Large Water Tank	35	38	38	76	10	Dorchester	23	52
Larramore	3	38	57	76	34	Anne Arundel	79	91
Law	32	38	51	76	12	Talbot	19	61
Lawn	31, 32, 34	38	47	76	16	Talbot	106	41
Lawyer	30	39	07	76	11	Kent	40	60
Layor	34	38	43	76	08	Talbot	216	129
Layton	37	38	33	76	12	Dorchester	50	72
Leary	30	39	08	76	09	Kent	57	66
Leaven	32	38	53	76	11	Queen Annes	112	90
Le Compte	35	38	36	76	10	Dorchester	22	52
Lee	37	38	33	76	13	Dorchester	46	70
Leeds	32	38	48	76	12	Talbot	35	68
Leitch	19	38	32	76	40	Calvert	47	33
Lend	19, 20	38	23	76	30	Calvert	30	48
Lerch Windmill	3	38	50	76	32	Anne Arundel	100	97
Le Seur	32	38	52	76	10	Queen Annes	117	92
Little	5	38	13	75	50	Somerset	7	35
Little Gum	30	39	05	76	12	Kent	24	48

[1] See Worcester County publication.

ALPHABETICAL INDEX TO TRIANGULATION STATIONS—Continued.

Name of station	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which locations are described
		Latitude		Longitude				
		°	′	°	′			
Liver	31	38	57	76	19	Queen Annes	59	68
Lloyd	32	38	52	76	10	Talbot	14	59
Locust (Chesapeake Bay)	1	39	06	76	26	Anne Arundel	4	68
Locust (Langford Creek)	30	39	09	76	11	Kent	49	63
Locust (Manokin River)	7	38	09	75	48	Somerset	24	42
Long (Severn River)	2	39	03	76	33	Anne Arundel	47	82
Long (Miles River)	34	38	46	76	10	Talbot	38	141
Long Point	15	38	00	75	22	Virginia	18	[1] 41
Longwells Windmill	13	38	15	75	09	Worcester	16	33
Louise	37	38	33	76	15	Dorchester	39	68
Love Point Light	29	39	03	76	17	Queen Annes	42	33
Lovely	30	39	09	76	09	Kent	62	69
Lovers	25	38	16	76	39	St. Marys	120	99
Lowell	24	38	09	76	30	St. Marys	100	91
Lowndes	32	38	48	76	08	Talbot	48	69
Luce	2	39	01	76	31	Anne Arundel	53	84
Lucy	30	39	06	76	13	Kent	27	50
Luna	34	38	45	76	16	Talbot	133	96
Lynch Point 3	([2])	38	03	76	31	Virginia	2	[2] 70
Lyon	26	38	18	76	50	St. Marys	175	122
McConnell	34	38	47	76	09	Talbot	57	146
McCoy	24	38	13	76	28	St. Marys	79	85
McKay	24	38	11	76	27	St. Marys	86	79
Mac	37	38	32	76	13	Dorchester	67	78
Mackall	19, 20	38	23	76	30	Calvert	32	46
Macum	29	39	00	76	17	Queen Annes	39	35
Madison Southern M. E. Church Spire	37	38	30	76	13	Dorchester	68	79
Magothy	2	39	02	76	25	Anne Arundel	23	74
Maiden	34	38	46	76	11	Talbot	63	149
Mais	32	38	48	76	11	Talbot	32	67
Major	30	39	07	76	10	Kent	71	72
Make	30	39	09	76	05	Kent	86	84
Mansion	25	38	16	76	42	St. Marys	145	109
Marge	34	38	47	76	11	Talbot	36	140
Marion	34	38	47	76	16	Talbot	143	100
Mars	34	38	46	76	15	Talbot	147	101
Marsh (Broad Creek)	34	38	44	76	13	Talbot	165	109
Marsh (Manokin River)	7	38	08	75	53	Somerset	20	42
Marshall	34	38	44	76	12	Talbot	162	107
Marshy	32	38	57	76	14	Queen Annes	85	79
Martin (St. Marys River)	24	38	12	76	27	St. Marys	77	84
Martin (Tred Avon River)	34	38	43	76	09	Talbot	186	117
Mary	37	38	32	76	12	Dorchester	56	74
Maryland	36, 37, 38	38	29	76	17	Dorchester	73	58
Maryland-Virginia (Life-Saving Station Beach)	15	38	02	75	15	Worcester	34	39
Maryland-Virginia (Pope Island)	15	38	02	75	15	Worcester	35	39
Maryland-Virginia (Railroad)	15	38	01	75	23	Worcester	36	42
Maslin	34, 35	38	40	76	08	Talbot	239	138
Matta	31	38	54	76	20	Queen Annes	50	65

[1] See Worcester County publication.

[2] See St. Marys County publication.

ALPHABETICAL INDEX TO TRIANGULATION STATIONS—Continued.

Name of station	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which locations are described
		Latitude		Longitude				
		°	′	°	′			
Matter	32	38	53	76	09	Talbot	6	56
May	34	38	44	76	08	Talbot	190	119
Mayo	3	38	55	76	31	Anne Arundel	84	92
Mean	34, 35	38	40	76	08	Talbot	240	138
Melfield	30	39	04	76	07	Queen Annes	23	45
Melon	34	38	45	76	07	Talbot	197	121
Melton	30	39	08	76	04	Kent	83	82
M. E. Church (Solomons)	20	38	19	76	28	Calvert	23	53
M. E. Church (Tilghman Island)	33	38	42	76	20	Talbot	88	80
Miles	7	38	06	76	00	Somerset	16	41
Mileys	25	38	16	76	43	St. Marys	158	110
Mill (Langford Creek)	30	39	08	76	11	Kent	51	64
Mill (Patuxent River)	20	38	20	76	30	St. Marys	15	51
Mill (Chincoteague Bay)	15	38	03	75	20	Worcester	33	42
Miller	34	38	47	76	16	Talbot	110	90
Millwind	32	38	48	76	13	Talbot	67	72
Mink	34	38	47	76	17	Talbot	103	89
Mint	39	38	21	76	14	Dorchester	87	85
Mistle	34	38	43	76	08	Talbot	215	129
Mitchell	37	38	33	76	15	Dorchester	35	66
Mitchells Bluff 2	28	39	13	76	14	Kent	3	29
Moke	34, 35	38	40	76	07	Talbot	236	137
Money	15	38	01	75	23	Virginia	16	[1] 41
Monkey	9	37	57	75	48	Somerset	49	52
Moon	7	38	04	75	48	Somerset	37	45
Moore	36, 37, 38	38	30	76	17	Dorchester	79	59
Morn	82	38	53	76	08	Queen Annes	127	96
Morsel	19	38	29	76	39	Calvert	42	39
Mos	10	37	54	75	46	Virginia	10	[2] 54
Mouldy	25	38	16	76	38	St. Marys	122	97
Mount Pleasant Church	9	37	59	75	51	Somerset	44	49
Mount Vernon M. E. Church	5	38	15	75	50	Somerset	4	35
Mt. Zion M. E. Church Spire	39, 40	38	19	76	14	Dorchester	91	87
Mouth	31	38	52	76	20	Queen Annes	49	64
Mud (Tred Avon River)	34	38	42	76	09	Talbot	219	130
Mud (Sinepuxent Bay)	13	38	15	75	08	Worcester	18	33
Muddy	29, 30	38	59	76	14	Queen Annes	37	36
Mutton	34	38	41	76	11	Talbot	178	114
Myrtle (Choptank River)	35	38	39	75	58	Dorchester	1	44
Myrtle (Broad Creek)	34	38	44	76	16	Talbot	124	93
Nanti	12	38	14	75	54	Wicomico	8	29
Nanticoke Church	11, 12	38	16	75	54	Wicomico	6	26
Narrows	33	38	43	76	19	Talbot	92	81
Narrows Point	29, 30	39	01	76	13	Kent	20	40
Nat (Langford Creek)	30	39	08	76	11	Kent	50	64
Nat (Patuxent River)	20	38	21	76	30	St. Marys	14	50
Neck (Langford Creek)	30	39	07	76	10	Kent	70	72
Neck (Tred Avon River)	34	38	45	76	07	Talbot	192	120
Neck (Chincoteague Bay)	13	38	14	75	12	Worcester	23	35
Ned	34	38	44	76	17	Talbot	129	95

[1] See Worcester County publication.

[2] See Somerset County publication.

ALPHABETICAL INDEX TO TRIANGULATION STATIONS—Continued.

Name of station	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which locations are described
		Latitude		Longitude				
		°	′	°	′			
Needle	31	38	54	76	17	Queen Annes	72	74
Neil	37	38	32	76	11	Dorchester	57	74
Nellys	13	38	16	75	09	Worcester	14	32
Nelson 3	34	38	42	76	16	Talbot	122	92
Neptune	34	38	47	76	15	Talbot	145	101
Nest	30	39	08	76	09	Kent	58	67
Neva	34	38	44	76	09	Talbot	197	118
New	20	38	20	76	28	Calvert	25	51
New Barn Cupola	32	38	56	76	16	Queen Annes	80	78
Newport	13	38	14	75	14	Worcester	24	36
Newtown	25	38	14	76	42	St. Marys	138	103
Nils	([1])	39	10	76	04	Kent	88	86
No	32	38	55	76	10	Queen Annes	100	85
No Road	30	39	06	76	13	Kent	32	52
Noblee	38	38	29	76	17	Dorchester	74	81
Nodim	32	38	53	76	10	Talbot	9	57
Noname	25	38	16	76	38	St. Marys	129	96
Norman (Honga River)	40	38	15	76	06	Dorchester	112	92
Norman (Eastern Bay)	32	38	55	76	16	Queen Annes	76	76
North	39	38	21	76	16	Dorchester	88	85
North Beach Life Saving Station.	13, 14	38	12	75	09	Worcester	21	35
North Church Spire (Smith Island)	8	38	00	76	02	Somerset	56	47
North Point (Old Tower Foundation)	27	39	12	76	27	Baltimore	3	26
Nose	32	38	52	76	12	Queen Annes	92	82
Noth	30	39	08	76	09	Kent	56	66
Nub	32	38	53	76	08	Queen Annes	129	97
Nut	4	38	48	76	31	Anne Arundel	106	99
Oak	24	38	07	76	25	St. Marys	52	66
Ocean	13	38	19	75	05	Worcester	4	27
Ocean City Water Tower	13	38	20	75	05	Worcester	2	26
Oil	10	37	57	75	41	Virginia	13	[2] 54
Okahanikan	42	38	11	76	05	Dorchester	94	104
Okay	41	38	18	75	56	Dorchester	127	97
Old	10	37	58	75	41	Somerset	51	52
Old Church Spire (Smith Island)	8	37	59	76	03	Somerset	57	47
Ollie	32	38	49	76	12	Talbot	24	64
Oppkit	19	38	27	76	39	St. Marys	6	41
Orb	32	38	53	76	12	Queen Annes	94	83
Orchard	28, 29	39	09	76	16	Kent	15	36
Otto	32, 34	38	47	76	16	Talbot	109	75
Out	24	38	07	76	24	St. Marys	46	67
Over	32	38	56	76	16	Queen Annes	75	76
Overton	30	39	02	76	12	Kent	22	45
Owe	32	38	54	76	10	Queen Annes	97	84
Oyster (Chester River)	30	39	08	76	06	Kent	81	80
Oysters (Wye River)	32	38	55	76	10	Queen Annes	101	86
Pagan	24	38	11	76	27	St. Marys	84	81
Parker (Herring Bay)	4	38	46	76	32	Anne Arundel	108	100
Parker (Chesapeake Bay)	17	38	32	76	31	Calvert	8	30

[1] See progress map of Kent County publication.

[2] See Somerset County publications.

ALPHABETICAL INDEX TO TRIANGULATION STATIONS—Continued.

Name of station	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location		County in which located	County index number by which indicated on Index Chart	Page of U.S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which locations are described
		Latitude	Longitude			
		° ′	° ′			
Parsons	32	38 54	76 15	Queen Annes	77	77
Parsons Island Water Tank	32	38 55	76 15	Queen Annes	78	77
Pat	20	38 22	76 23	Calvert	16	57
Patch	17	38 33	76 31	Calvert	7	29
Paul (Honga River)	40	38 17	76 07	Dorchester	109	91
Paul (Little Choptank River)	(1)	38 32	76 10	Dorchester	59	75
Paw	25	38 16	76 40	St. Marys	134	99
Peach	30	39 06	76 10	Kent	72	72
Peach Hill	2	39 05	76 25	Anne Arundel	5	70
Peak	19	38 25	76 31	Calvert	34	45
Pearson	32	38 51	76 15	Talbot	72	74
Peary	34	38 43	76 14	Talbot	169	110
Peck	34	38 42	76 10	Talbot	182	116
Peebee	34	38 44	76 07	Talbot	191	119
Pen (Chesapeake Bay)	17	38 34	76 31	Calvert	6	29
Pen (Manokin River)	(2)	38 09	75 47	Somerset	27	43
Peoples Chapel	33	38 43	76 20	Talbot	91	81
Perry	26	38 21	76 50	St. Marys	178	119
Phil (Magothy River)	1	39 05	76 26	Anne Arundel	10	69
Phil (Little Choptank River)	37	38 34	76 13	Dorchester	42	69
Philip (Langford Creek)	30	39 09	76 09	Kent	64	69
Philip (Wye River)	32	38 53	76 09	Queen Annes	125	96
Photo	19	38 26	76 36	Calvert	38	42
Pick	32	38 52	76 08	Talbot	1	54
Pier (Chesapeake Bay)	16, 17	38 36	76 30	Calvert	5	28
Pier (Smith Creek)	24	38 07	76 24	St. Marys	42	64
Pine (Bretons Bay)	25	38 16	76 38	St. Marys	123	96
Pine (Broad Creek)	34	38 45	76 16	Talbot	132	96
Piney	32	38 53	76 12	Queen Annes	95	83
Piney Point Light	24	38 08	76 32	St. Marys	113	94
Pink	34	38 47	76 16	Talbot	111	90
Pipe	24	38 07	76 24	St. Marys	41	65
Place	25	38 17	76 42	St. Marys	149	113
Plain	34	38 43	76 09	Talbot	184	116
Plow	34	38 43	76 07	Talbot	209	126
Plum 3	16	38 37	76 31	Calvert	4	28
Poco	34, 35	38 40	76 07	Talbot	237	137
Point	2	39 02	76 31	Anne Arundel	40	79
Point Agin	21	38 11	76 21	St. Marys	28	60
Point Look-in	22	38 06	76 20	St. Marys	33	61
Point Lookout Light	22, 23	38 02	76 19	St. Marys	35	62
Point No Point	22	38 09	76 19	St. Marys	29	60
Point No Point Light	22	38 08	76 17	St. Marys	30	60
Point of Rocks	18	38 25	76 25	Calvert	13	31
Pole	11	38 18	75 54	Wicomico	3	26
Pomona	30	39 09	76 05	Kent	84	83
Pond	24	38 08	76 28	St. Marys	92	71
Pont	34	38 42	76 14	Talbot	172	112

[1] See progress map in Dorchester County publications.

[2] See progress map in Somerset County publications.

ALPHABETICAL INDEX TO TRIANGULATION STATIONS—Continued.

Name of station	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which locations are described
		Latitude		Longitude				
		°	′	°	′			
Pooles Island 2	27, 28	39	17	76	16	Harford	2	[1] 23
Pooles Island Light	27, 28	39	17	76	16	Harford	1	[1] 23
Pope Island Life Saving Station	15	38	01	75	15	Virginia	20	[2] 40
Poplar	18	38	29	76	29	Calvert	10	30
Poplar South	33	38	45	76	23	Talbot	79	77
Potato	34, 35	38	41	76	07	Talbot	232	135
Potomac	22, 23	38	03	76	19	St. Marys	34	62
Pov	37, 38	38	30	76	16	Dorchester	71	80
Prec	26	38	16	76	49	St. Marys	171	124
Price	24	38	08	76	28	St. Marys	94	87
Prickly	7	38	05	75	52	Somerset	34	45
Prince	19, 26	38	32	76	41	Prince George	1	[3] 33
Princess	32	38	53	76	09	Queen Annes	124	95
Profound	25	38	17	76	43	St. Marys	157	111
Protestant	25	38	15	76	41	St. Marys	118	101
Prussian	30	39	06	76	13	Kent	29	51
Purse	2	39	03	76	26	Anne Arundel	22	73
Quaker	30	39	06	76	10	Kent	74	74
Quarter	32	38	53	76	09	Talbot	8	57
Rabbit	34	38	46	76	17	Talbot	101	88
Raccoon	35	38	38	75	59	Talbot	264	159
Radcliffe	34	38	46	76	07	Talbot	195	121
Radec	25	38	17	76	43	St. Marys	156	112
Rag	11	38	18	75	54	Wicomico	5	26
Ragged Point 3	36, 37	38	32	76	17	Dorchester	31	57
Rail (Swan Creek)	28	39	09	76	15	Kent	12	34
Railroad	29, 32	38	58	76	14	Queen Annes	84	36
Rails (St. Clement Bay)	25	38	15	76	43	St. Marys	142	107
Railway Water Tank	29	39	02	76	19	Queen Annes	40	33
Rain	30	39	01	76	12	Kent	21	44
Raley	24	38	09	76	26	St. Marys	58	72
Ran 2	24	38	08	76	25	St. Marys	49	68
Ray	34	38	45	76	14	Talbot	150	102
Reach Hammock	9	37	53	75	59	Virginia	7	[4] 48
Rear	35	38	35	76	02	Talbot	257	156
Red	35	38	37	76	05	Talbot	254	154
Red Beacon (1908)	24	38	06	76	24	St. Marys	39	63
Rede	36, 37	38	31	76	20	Dorchester	83	60
Reed (Chesapeake Bay)	21	38	12	76	22	St. Marys	27	59
Reeds (Chester River)	30	39	04	76	10	Queen Annes	28	42
Revell	2	39	04	76	28	Anne Arundel	21	73
Rhode	3	38	52	76	31	Anne Arundel	94	95
Rice	35	38	38	76	07	Talbot	248	152
Rich Neck Water Tank	31, 32	38	51	76	16	Talbot	74	40
Ricks	14	38	10	75	16	Worcester	26	38
Rieman	32	38	48	76	12	Talbot	34	68
Right	32	38	53	76	08	Talbot	3	55
Ring	29	39	01	76	19	Queen Annes	43	32
Ritter	34, 35	38	41	76	07	Talbot	233	136
River Springs Catholic Chapel Cross	25, 26	38	15	76	46	St. Marys	165	126

[1] See Baltimore County publication.
[2] See Worcester County publication.
[3] See Calvert County publication.
[4] See Somerset County publication

ALPHABETICAL INDEX TO TRIANGULATION STATIONS—Continued.

Name of station	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which locations are described
		Latitude		Longitude				
		°	′	°	′			
Riverview	34, 35	38	42	76	11	Talbot	221	13
Roar	12	38	16	75	55	Wicomico	7	28
Roast	41	38	17	76	02	Dorchester	116	94
Robertson (Chester River)	(1)	39	10	76	03	Kent	90	87
Robertson (Tred Avon River)	34	38	44	76	08	Talbot	188	118
Robertson Windmill	(1)	39	10	76	03	Kent	89	86
Robins	36, 37	38	34	76	19	Dorchester	30	56
Robrecht	24	38	09	76	30	St. Marys	106	90
Rock	24	38	10	76	26	St. Marys	65	75
Rock Point	1, 27	39	10	76	29	Anne Arundel	1	67
Rock Point Catholic Church Cross	26	38	16	76	50	Charles	16	31
Rod (Priest's House)	24	38	09	76	26	St. Marys	57	71
Rod (Harris Creek)	32, 34	38	48	76	16	Talbot	108	75
Rolphs	(2)	39	10	76	02	Queen Annes	1	62
Roof	25	38	14	76	43	St. Marys	141	107
Room	5	38	11	75	56	Somerset	10	37
Rose	34	38	45	76	14	Talbot	137	98
Ross (Little Choptank River)	37	38	33	76	13	Dorchester	41	68
Ross (Broad Creek)	34	38	44	76	14	Talbot	167	109
Royal	34	38	46	76	14	Talbot	148	102
Roys	34	38	42	76	14	Talbot	170	111
Run	17, 18	38	30	76	30	Calvert	9	30
Russell	24	38	09	76	31	St. Marys	105	91
Ruth	30	39	05	76	07	Queen Annes	24	45
St. Anne's Church Spire	2	38	59	76	30	Anne Arundel	59	85
St. Catherine	26	38	14	76	48	St. Marys	167	127
St. Clement	25	38	14	76	43	St. Marys	140	106
St. George 4	24	38	06	76	29	St. Marys	112	93
St. Inigoes Church Cross	24	38	09	76	25	St. Marys	59	73
St. Jerome	22	38	07	76	20	St. Marys	31	61
St. John's College Cupola	2	38	59	76	30	Anne Arundel	61	85
St. Margaret 2	26	38	15	76	49	St. Marys	170	125
St. Michael Catholic Church Spire	22	38	07	76	22	St. Marys	32	61
St. Michaels P. E. Church Spire	34	38	47	76	13	Talbot	65	140
St. Michaels Water Tank	32, 34	38	47	76	14	Talbot	66	72
St. Patrick	25	38	14	76	44	St. Marys	162	106
St. Pierre	7	38	08	75	51	Somerset	21	42
St. Thomas Church Spire	40	38	16	76	04	Dorchester	111	92
Sacred Heart Church Spire (Bushwood)	26	38	18	76	48	St. Marys	174	122
Salt (Severn River)	2	39	01	76	32	Anne Arundel	52	83
Salt (Sinepuxent River)	13	38	14	75	09	Worcester	20	34
Sam	9	37	55	75	53	Somerset	46	50
Samuel (Cox Creek)	31	38	57	76	20	Queen Annes	58	68
Samuel (Broad Creek)	34	38	46	76	13	Talbot	156	105
Sand	20	38	19	76	27	Calvert	22	54
Sandbar	25	38	15	76	42	St. Marys	137	102
Sandy	5, 7	38	08	75	49	Somerset	23	39

[1] See progress map in Kent County publication.

[2] See progress map in Queen Annes County publication.

ALPHABETICAL INDEX TO TRIANGULATION STATIONS—Continued.

Name of station	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location		County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which locations are described
		Latitude	Longitude			
		° ′	° ′			
Sandy Point Light	2	39 01	76 23	Anne Arundel	25	74
Sang	32	38 53	76 10	Queen Annes	120	94
Sanpoi	13	38 15	75 09	Worcester	17	33
Sara	32	38 49	76 14	Talbot	70	73
Saw	35	38 37	75 58	Dorchester	4	45
Saxis Church Spire	10	37 55	75 43	Virginia	12	[1] 54
Schoolhouse Cupola	33	38 43	76 20	Talbot	90	81
Scot	10	37 58	75 44	Somerset	50	52
Search	34	38 47	76 10	Talbot	40	142
Seaside	13	38 18	75 06	Worcester	9	29
Second	32	38 48	76 12	Talbot	27	65
Selby	3	38 55	76 30	Anne Arundel	85	93
Senator	5, 6, 7	38 08	76 01	Somerset	15	27
Seth (Little Choptank River)	37	38 34	76 11	Dorchester	48	71
Seth (Miles River)	32	38 50	76 15	Talbot	71	74
Seven Foot Knoll Light	1, 27	39 09	76 25	Anne Arundel	2	68
Shanks Hummock 2	8	37 55	76 03	Virginia	4	[1] 47
Sharkfin Shoal Light	41	38 12	75 59	Dorchester	124	103
Sharp	2	39 03	76 34	Anne Arundel	46	81
Sharps Island Light	33, 36	38 38	76 23	Talbot	85	79
Shaw	32	38 52	76 11	Talbot	17	60
Shehan	24	38 10	76 31	St. Marys	101	92
Shell (West River)	3	38 51	76 32	Anne Arundel	97	96
Shell (Choptank River)	35	38 35	76 00	Dorchester	9	48
Sheridan	19	38 28	76 39	Calvert	41	40
Ship	30	39 05	76 07	Queen Annes	21	46
Shippen	30	39 07	76 06	Kent	80	79
Shipping	25	38 16	76 43	St. Marys	159	109
Shoal	35	38 34	76 03	Dorchester	12	49
Shore	13	38 16	75 07	Worcester	13	31
Short	5	38 12	75 53	Somerset	9	37
Show	34, 35	38 41	76 07	Talbot	234	136
Sig	22, 24	38 06	76 24	St. Marys	38	63
Sillery	1, 2	39 05	76 27	Anne Arundel	9	69
Skid	36, 37, 38	38 30	76 20	Dorchester	82	60
Skinner	34	38 45	76 15	Talbot	135	97
Sleep	24	38 10	76 25	St. Marys	64	76
Slim	19	38 25	76 35	Calvert	37	43
Smack	24	38 07	76 28	St. Marys	110	86
Smith	33	38 46	76 19	Talbot	96	83
Smith Point Light	8, 23	37 53	76 11	Virginia	3	[2] 63
Smoke	24	38 10	76 25	St. Marys	62	75
Snout	32	38 52	76 11	Queen Annes	113	91
Snub	30	39 06	76 11	Kent	39	59
Soak	24	38 12	76 28	St. Marys	80	84
Sollers	19, 20	38 23	76 30	Calvert	31	47
Solomon	37	38 34	76 12	Dorchester	47	70
Solomons Lump Light	6, 7	38 03	76 01	Somerset	17	39
Some	31	38 55	76 20	Queen Annes	52	66
Somers Cove Light	9	37 58	75 53	Somerset	42	49
Sothoron	19	38 30	76 40	St. Marys	1	37
Sound	26	38 15	76 47	St. Marys	169	126

[1] See Somerset County publication.

[2] See St. Marys County publication.

ALPHABETICAL INDEX TO TRIANGULATION STATIONS—Continued.

Name of station	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which locations are described
		Latitude		Longitude				
		°	′	°	′			
South (Barren Island)	39	38	20	76	16	Dorchester	90	85
South (Wye River)	32	38	52	76	11	Queen Annes	114	91
Southeast	(1)	39	10	76	03	Queen Annes	2	61
Southern M. E. Church	33	38	42	76	21	Talbot	83	78
Spaniard Pt. 2 Upper	30	39	06	76	09	Queen Annes	17	48
Spar	32	38	49	76	13	Talbot	69	73
Spencer	34	38	45	76	13	Talbot	161	107
Spike	28	39	09	76	15	Kent	11	33
Spin	34	38	43	76	09	Talbot	185	117
Spindle	35	38	37	75	59	Talbot	262	158
Spit	2	38	59	76	26	Anne Arundel	29	76
Spree	34	38	47	76	10	Talbot	43	143
Spring (Severn River)	2	39	01	76	30	Anne Arundel	37	78
Spring (Grays Inn Creek)	30	39	06	76	13	Kent	26	49
Stab	34	38	45	76	07	Talbot	193	120
Staff	7	38	08	75	50	Somerset	32	44
Star	32	38	53	76	11	Queen Annes	111	90
Starkley	30	39	08	76	05	Queen Annes	10	55
Start	2	38	58	76	28	Anne Arundel	63	86
State House Dome	2	38	59	76	29	Anne Arundel	58	85
Steve	31	38	57	76	19	Queen Annes	61	69
Stevens	29	39	07	76	15	Kent	18	38
Sticky	34	38	42	76	14	Talbot	173	112
Stock	20	38	22	76	31	St. Marys	12	48
Stoddard	26	38	22	76	51	Charles	7	25
Stones	25	38	18	76	43	St. Marys	151	116
Stony	34	38	47	76	12	Talbot	64	150
Stop	32	38	53	76	12	Queen Annes	93	82
Straight (Eastern Bay)	31	38	51	76	20	Queen Annes	48	64
Straits (St. George River)	24	38	08	76	30	St. Marys	108	88
Stratton	30	39	06	76	08	Kent	76	75
Straw	34, 35	38	40	76	09	Talbot	227	133
Streett	11	38	21	75	53	Dorchester	130	99
Stretch	34	38	44	76	08	Talbot	189	119
Stump	20	38	22	76	29	Calvert	29	48
Stung	24	38	07	76	25	St. Marys	51	67
Summer	10	37	56	75	40	Virginia	14	[2] 53
Swan (Severn River)	2	39	03	76	32	Anne Arundel	43	80
Swan (St. George River)	24	38	08	76	30	St. Marys	107	89
Swan Point 3	28	39	09	76	17	Kent	4	31
Sweep	19	38	25	76	33	Calvert	36	44
Swep	37	38	33	76	13	Dorchester	53	73
Swepson	30	39	05	76	08	Queen Annes	19	47
Swing	32	38	48	76	12	Talbot	25	64
Switch	3	38	56	76	31	Anne Arundel	72	89
Sylvia	32	38	52	76	10	Talbot	11	58
Tab	24	38	07	76	25	St. Marys	53	64
Taft	34	38	45	76	13	Talbot	159	106
Tail	2	39	04	76	31	Anne Arundel	18	72
Tall	34	38	42	76	09	Talbot	183	116
Tang	34	38	47	76	09	Talbot	46	145
Tar	34	38	43	76	10	Talbot	181	115
Tarkhill	24	38	09	76	30	St. Marys	98	90

[1] See progress map in Queen Annes County publication.

[2] See Somerset County publication.

ALPHABETICAL INDEX TO TRIANGULATION STATIONS—Continued.

Name of station	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location: Latitude		Approximate geographic location: Longitude		County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which locations are described
		°	′	°	′			
Taste	30	39	09	76	05	Kent	85	84
Tavern	28	39	09	76	16	Kent	6	32
Taylor (South River)	3	38	57	76	34	Anne Arundel	78	91
Taylor (Slaughter Creek)	38	38	28	76	18	Dorchester	76	82
Taylor (St. George River)	24	38	08	76	30	St. Marys	97	89
Teague	26	38	32	76	40	Charles	2	36
Tenk	31	38	50	76	22	Queen Annes	47	64
Tenuate	24	38	12	76	27	St. Marys	81	83
Terrapin	7	38	01	75	58	Somerset	18	40
Thelma	34	38	46	76	14	Talbot	153	104
Then	31	38	55	76	20	Queen Annes	51	65
Thin	29	38	59	76	15	Queen Annes	38	35
Thomas	3	38	54	76	27	Anne Arundel	68	88
Thomas Point Shoal Light	3	38	54	76	26	Anne Arundel	69	88
Thompson (Cox Creek)	31	38	57	76	19	Queen Annes	62	69
Thompson (St. Marys River)	24	38	09	76	28	St. Marys	91	72
Thorn	30	39	07	76	07	Kent	79	78
Thoro	41	38	20	76	01	Dorchester	119	95
Thorofare	[1]	38	21	75	06	Worcester	37	24
Thorsten	[2]	39	10	76	03	Kent	91	87
Timber	31	38	57	76	18	Queen Annes	66	71
Tizz	15	38	04	75	20	Worcester	32	43
Tobacco Stick	37	38	32	76	14	Dorchester	69	79
Tobe	34	38	45	76	15	Talbot	126	94
Tobine	32	38	53	76	10	Queen Annes	119	93
Toddville M. E. Church Spire	40	38	18	76	04	Dorchester	117	91
Toe	34	38	43	76	08	Talbot	206	125
Tolly	3	38	57	76	27	Anne Arundel	65	86
Tom (Little Choptank River)	37	38	32	76	12	Dorchester	62	76
Tom (Cox Creek)	31	38	56	76	19	Queen Annes	69	72
Tomakokin	25	38	18	76	44	St. Marys	154	114
Ton	20	38	21	76	28	Calvert	27	50
Toot	35	38	36	76	08	Dorchester	21	52
Top	31	38	55	76	19	Queen Annes	54	67
Torrey	36, 37, 38	38	30	76	16	Dorchester	72	57
Town (Little Choptank River)	37	38	33	76	13	Dorchester	52	72
Town (Patuxent River)	20	38	19	76	29	St. Marys	17	52
Town (Tred Avon River)	34	38	42	76	10	Talbot	220	131
Trappe	35	38	38	76	07	Talbot	246	151
Travers 2	38	38	28	76	20	Dorchester	85	83
Tray	30	39	06	76	12	Kent	36	53
Treasure	28, 29	39	09	76	15	Kent	14	36
Tred	34	38	42	76	11	Talbot	179	115
Trees	25	38	16	76	39	St. Marys	133	98
Trent	19	38	29	76	40	St. Marys	3	39
Trippe	34	38	43	76	08	Talbot	207	125
Tug	34	38	47	76	10	Talbot	41	142
Tull	31	38	56	76	17	Queen Annes	74	74

[1] See progress map in Kent County publication.

[2] See progress map in Worcester County publication.

ALPHABETICAL INDEX TO TRIANGULATION STATIONS—Continued.

Name of station	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which locations are described
		Latitude		Longitude				
		°	′	°	′			
Turf (Rhode River)	3	38	53	76	31	Anne Arundel	92	95
Turf (St. Clement Bay)	25	38	18	76	43	St. Marys	152	115
Turkey	31	38	54	76	18	Queen Annes	71	73
Turn	32	38	53	76	10	Queen Annes	121	94
Turnagain	14, 15	38	05	75	13	Worcester	30	37
Tuxon	31	38	57	76	19	Queen Annes	60	69
Twin	34	38	43	76	08	Talbot	205	125
Twist	32	38	53	76	10	Queen Annes	107	88
Twixt	32	38	53	76	11	Queen Annes	110	90
Two	32	38	49	76	11	Talbot	30	66
Up	35	38	39	75	58	Talbot	266	159
Upper	26	38	22	76	52	Charles	6	24
Urie	28	39	09	76	15	Kent	9	33
Valley	25	38	17	76	38	St. Marys	126	94
Valliant	33	38	46	76	23	Talbot	78	76
Veith	36, 37, 38	38	30	76	17	Dorchester	80	59
Venture	34	38	43	76	07	Talbot	208	126
Venus	34	38	46	76	15	Talbot	146	101
Villa (Miles River)	32	38	48	76	07	Talbot	51	71
Ville (Cox Creek)	31	38	57	76	18	Queen Annes	67	71
Vine	33, 34	38	46	76	18	Talbot	98	83
Vue	34	38	42	76	13	Talbot	174	113
Wab	[1]	38	09	75	47	Somerset	26	43
Waggaman	3	38	57	76	32	Anne Arundel	74	89
Waggaman Windmill	3	38	57	76	32	Anne Arundel	73	89
Wall (St. George River)	24	38	09	76	31	St. Marys	104	92
Wall (Tred Avon River)	34	38	44	76	07	Talbot	201	123
Walnut	5	38	15	75	48	Somerset	1	33
Wann	30	39	08	76	09	Kent	68	71
Wap	33	38	42	76	21	Talbot	82	78
War	35	38	36	75	58	Dorchester	6	46
Ware	31	38	56	76	19	Queen Annes	55	67
Warrior	33	38	45	76	18	Talbot	118	85
Wash	29, 31	38	58	76	21	Queen Annes	44	[2] 75
Water	34	38	45	76	07	Talbot	194	120
Water Tower (Porto Bello)	24	38	11	76	27	St. Marys	87	78
Waterloo	26	38	14	76	47	St. Marys	166	127
Watermelon Hummock	9	37	57	75	50	Somerset	47	51
Weather Bureau Staff	34, 35	38	41	76	10	Talbot	222	131
Weave	34	38	43	76	09	Talbot	204	124
Weeks	30	39	05	76	12	Kent	25	49
Weems	2	39	00	76	30	Anne Arundel	54	84
Weiss	26	38	17	76	49	St. Marys	173	123
Welch	2	39	04	76	26	Anne Arundel	7	70
West	30	39	08	76	10	Kent	52	64
West Hollow	24	38	12	76	27	St. Marys	83	82
Westcotts Windmill	30	39	07	76	07	Kent	77	76
Whale (Langford Creek)	30	39	09	76	11	Kent	47	63
Whale (Wye River)	32	38	53	76	08	Talbot	5	56
Wharf (Saxis Pier)	10	37	56	75	44	Virginia	11	[3] 54
What	25	38	15	76	40	St. Marys	119	100

[1] See progress map in Somerset County publication.
[2] See Anne Arundel County publication.
[3] See Somerset County publication.

ALPHABETICAL INDEX TO TRIANGULATION STATIONS—Continued.

Name of station	Chart number of Maryland Oyster Chart on which shown	Approximate geographic location				County in which located	County index number by which indicated on Index Chart	Page of U. S. Coast and Geodetic Survey county publication of Survey of Oyster Bars on which locations are described
		Latitude		Longitude				
		°	′	°	′			
Wheat	19, 20	38	23	76	31	Calvert	33	46
Wheel	32	38	53	76	08	Queen Annes	130	98
Whit	34	38	47	76	09	Talbot	44	144
White	12	38	14	75	54	Wicomico	9	29
White House (N. E. Chimney)	18, 20	38	23	76	24	Calvert	15	32
Whitehall	35	38	35	76	00	Dorchester	10	48
Whitewash	36, 37, 38	38	29	76	17	Dorchester	78	58
Wick	35	38	37	75	58	Dorchester	5	45
Wickes Beach	29	39	02	76	15	Kent	19	40
Wide	32	38	53	76	10	Queen Annes	108	98
Wildcat	15	37	59	75	19	Virginia	19	[1] 40
Will	10	37	57	75	40	Somerset	52	53
Willey	34	38	45	76	14	Talbot	151	103
Willis	34	38	47	76	15	Talbot	144	100
Wilmers	[2]	39	10	76	03	Queen Annes	3	60
Wilson 2	18	38	26	76	27	Calvert	12	31
Wind	5	38	14	75	52	Somerset	6	35
Windmill 2	40	38	16	76	09	Dorchester	108	91
Windmill Point	29	39	08	76	15	Kent	17	37
Wire	34	38	44	76	16	Talbot	127	94
Woll	30	39	08	76	09	Kent	59	67
Won	32	38	52	76	12	Queen Annes	91	81
Wood (Miles River)	32	38	50	76	12	Talbot	22	63
Woodill	34	38	46	76	15	Talbot	141	99
Woods (St. Clement Bay)	25	38	15	76	43	St. Marys	160	108
Wool	37	38	31	76	15	Dorchester	70	80
Worton Point 2	28	39	19	76	11	Kent	1	28
Wroten	40	38	19	76	11	Dorchester	104	89
Ximo	3	38	57	76	33	Anne Arundel	76	90
Yazoo	3	38	57	76	34	Anne Arundel	77	90

[1] See Worcester County publication.

[2] See progress map in Queen Annes County publication.

LANDMARKS.

U. S. COAST AND GEODETIC SURVEY TRIANGULATION STATIONS.

NUMERICAL INDEX.

NOTE.—See Alphabetical Index for other references relating to triangulation stations.

ANNE ARUNDEL COUNTY.

County index number indicating station on Index Chart	Name of station	County index number indicating station on Index Chart	Name of station	County index number indicating station on Index Chart	Name of station
1	Rock Point	39	Chase (Severn River)	74	Waggaman
2	Seven Foot Knoll Light	40	Point	75	Ginger
		41	Bight	76	Ximo
3	Bodkin Point (Old Tower)	42	Arnold	77	Yazoo
		43	Swan (Severn River)	78	Taylor (South River)
4	Locust (Chesapeake Bay)	44	High (Severn River)	79	Larramore
		45	Cedar (Severn River)	80	Brewer (South River)
5	Peach Hill.	46	Sharp	81	Almshouse (Lightning Rod)
6	Baltimore Light	47	Long (Severn River)		
7	Welch.	48	Island (Severn River)	82	Almshouse
8	Bluff (Magothy River)	49	Bay (Severn River)	83	Cedar (South River)
9	Sillery	50	Brewer (Severn River)	84	Mayo
10	Phil (Magothy River)	51	Clem	85	Selby
11	Bay (Magothy River)	52	Salt (Severn River)	86	Gowan
12	Hickory	53	Luce	87	Dutchman
13	Dobbins	54	Weems	88	Cato
14	Iron	55	Field	89	Delta (Rhode River)
15	Ham (Magothy River)	56	Hospital Cupola (Naval Academy)	90	Etna
16	Bank (Magothy River)			91	Calf
17	Horn (Magothy River)	57	Flag Staff (Naval Academy Boathouse)	92	Turf (Rhode River)
18	Tail			93	Cupola (Rhode River)
19	Ferry (Magothy River)	58	State House Dome	94	Rhode
20	Huddle	59	St. Anne's Church Spire	95	Ches
21	Revell			96	Alpha
22	Purse	60	Catholic Church Spire (Annapolis)	97	Shell (West River)
23	Magothy			98	Counallor
24	Corn (Chesapeake Bay)	61	St. John's College Cupola	99	Chalk
25	Sandy Point Light			100	Lerch Windmill
26	Bay Side	62	Horn (Severn River)	101	Apple
27	Clump (Chesapeake Bay)	63	Start	102	Cove
		64	Gram (Severn River)	103	Curtis
28	Hackett	65	Tolly	104	Horseshoe (Chesapeake Bay)
29	Spit	66	Bay Ridge Stack		
30	Chase (Whitehall Bay)	67	Cottage (Chesapeake Bay)	105	Franklin
31	Greenbury			106	Nut
32	Greenbury Point Light	68	Thomas	107	Broad (Chesapeake Bay)
33	Fort (Severn River)	69	Thomas Point Shoal Light		
34	Bluff (Severn River)			108	Parker (Herring Bay)
35	Brice	70	Arundel	109	Hopkins (Herring Bay)
36	Knob	71	Hill	110	Fairhaven
37	Spring (Severn River)	72	Switch	111	Holland (Chesapeake Bay)
38	Cool	73	Waggaman Windmill		

BALTIMORE COUNTY.

1	Craighill Channel Light (Rear Range)	3	North Point (Old Tower Foundation)	5	Fort Howard Taller Water Tank
2	Craighill Channel Light (Front Range)	4	Cutoff Channel Light (Front Range)	6	Cutoff Channel Light (Rear Range)

NUMERICAL INDEX TO TRIANGULATION STATIONS—Continued.

CALVERT COUNTY.

County index number indicating station on Index Chart	Name of station	County index number indicating station on Index Chart	Name of station	County index number indicating station on Index Chart	Name of station
1	Hog Point (Holland 3)	16	Pat	32	Mackall
2	Beach (Chesapeake Bay)	17	Drum Point Light	33	Wheat
		18	Bareda House Cupola	34	Peak
3	Ill 2	19	Bon	35	Island (Patuxent River)
4	Plum 3	20	Fishstack		
5	Pier (Chesapeake Bay)	21	K. of P. Flagstaff (Solomons)	36	Sweep
6	Pen (Chesapeake Bay)			37	Slim
7	Patch	22	Sand	38	Photo
8	Parker (Chesapeake Bay)	23	M. E. Church (Solomons)	39	Battle
				40	Kitt (Patuxent River)
9	Run	24	Catholic Church Cross	41	Sheridan
10	Poplar	25	New	42	Morsel
11	Flag Pond	26	Bur	43	Buzz
12	Wilson 2	27	Ton	44	Dwarf
13	Point of Rocks	28	Hellen	45	Hallowing
14	Cove Point Light	29	Stump	46	Buena
15	White House (N. E. Chimney)	30	Lend	47	Leitch
		31	Sollers		

CHARLES COUNTY.

1	Fodder	7	Stoddard	14	Charles (Wicomico River)
2	Teague	8	Hayden		
3	City	9	Burr	15	Hard
4	Catholic Church Cross (Benedict)	10	Bowman	16	Rock Point Catholic Church Cross
		11	Eedling		
5	Indian (Patuxent River)	12	Gust	17	Corner (Wicomico River)
		13	Hedney		
6	Upper			18	Cobb Point Bar Light

DORCHESTER COUNTY.

1	Myrtle (Choptank River)	19	Dicks Water Tank	40	Greenwell
		20	Howard (Choptank River)	41	Ross (Little Choptank River)
2	Hut				
3	House	21	Toot	42	Phil (Little Choptank River)
4	Saw	22	Le Compte		
5	Wick	23	Large Water Tank	43	Dupont
6	War	24	Castle	44	Beckwith
7	Gander	25	Corner (Choptank River)	45	Cherry Island Water Tank
8	Chief				
9	Shell (Choptank River)	26	Dot	46	Lee
		27	Chef	47	Solomon
10	Whitehall	28	Cook Point Windmill	48	Seth (Little Choptank River)
11	Ferry (Choptank River)	29	Brannock		
		30	Robins	49	Adam
12	Shoal	31	Ragged Point 3	50	Layton
13	E. Cambridge Spire	32	Hudson	51	David
14	E. Cambridge Tall Stack	33	Jenifer	52	Town (Little Choptank River)
		34	Henry		
15	Cambridge Stand Pipe	35	Mitchell	53	Swep
16	Cambridge	36	Back	54	Hugh
17	Hambrooks Bar Beacon	37	Bayly	55	Etta
		38	Carrie	56	Mary
18	Command	39	Louise	57	Neil

Numerical Index to Triangulation Stations—Continued.

DORCHESTER COUNTY—Continued.

County index number indicating station on Index Chart	Name of station	County index number indicating station on Index Chart	Name of station	County index number indicating station on Index Chart	Name of station
58	Kirby	82	Skid	106	Lakes
59	Paul (Little Choptank River)	83	Rede	107	Asquith
		84	James (Chesapeake Bay)	108	Windmill 2
60	Church Creek (No 1 West)			109	Paul (Honga River)
		85	Travers 2	110	Duck (Honga River)
61	Austin	86	Dunnock	111	St. Thomas Church Spire
62	Tom (Little Choptank River)	87	Mint		
		88	North	112	Norman (Honga River)
63	Brooks	89	Hosier Memorial Church Spire	113	Hooper Strait Light
64	Doctor (Little Choptank River)			114	Head
		90	South (Barren Island)	115	Croch
65	Eleanor	91	Mt. Zion M. E. Church Spire	116	Roast
66	Laney			117	Toddville M. E. Church Spire
67	Mac	92	Hooper Island Light		
68	Madison Southern M. E. Church Spire	93	Applegarth	118	Farm
		94	Okahanikan	119	Thoro
69	Tobacco Stick	95	Holland Island Church Spire	120	High (Honga River)
70	Wool			121	Elliott
71	Pov	96	Crab	122	Ear
72	Torrey	97	Hopkins Memorial Church Cupola	123	Fish
73	Maryland			124	Sharkfin Shoal Light
74	Noblee	98	Hoopersville Methodist Church Cupola	125	Frog
75	Finish			126	Cow
76	Taylor (Slaughter Creek)	99	Bentley	127	Okay
		100	Bridge (Honga River)	128	Ar
77	Harrington	101	Gunners	129	Gover
78	Whitewash	102	Keenes	130	Streett
79	Moore	103	Kerwin		
80	Veith	104	Wroten		
81	Can	105	Charles (Honga River)		

HARFORD COUNTY.

1	Pooles Island Light	2	Pooles Island 2		

KENT COUNTY.

1	Worton Point 2	17	Windmill Point	31	Herring
2	Bramble	18	Stevens	32	No Road
3	Mitchells Bluff 2	19	Wickes Beach	33	Cut
4	Swan Point 3	20	Narrows Point	34	Fore
5	Bank (Swan Creek)	21	Rain	35	Island (Grays Inn Creek)
6	Tavern	22	Overton		
7	Fork	23	Bay Bush Point	36	Tray
8	Elliason	24	Little Gum	37	Inn
9	Urie	25	Weeks	38	Deep Cove
10	Corr	26	Spring (Grays Inn Creek)	39	Snub
11	Spike			40	Lawyer
12	Rail (Swan Creek)	27	Lucy	41	Drum (Langford Creek)
13	Haven	28	Goose (Grays Inn River)	42	Davis
14	Treasure			43	Isle
15	Orchard	29	Prussian	44	Eagle (Langford Creek)
16	Gratitude	30	Gray	45	Ford (Langford Creek)

NUMERICAL INDEX TO TRIANGULATION STATIONS—Continued.

KENT COUNTY—Continued.

County index number indicating station on Index Chart	Name of station	County index number indicating station on Index Chart	Name of station	County index number indicating station on Index Chart	Name of station
46	Kinsley	61	Clay	77	Westcotts Windmill
47	Whale (Langford Creek)	62	Lovely	78	Deep Point 2.
48	Bungay	63	Gut	79	Thorn.
49	Locust (Langford Creek)	64	Philip (Langford Creek)	80	Shippen
50	Nat (Langford Creek)	65	Ide	81	Oyster (Chester River)
51	Mill (Langford Creek)	66	Hoo	82	Jarrett
52	West	67	Cult	83	Melton
53	Hornor	68	Wann	84	Pomona
54	King	69	Corn (Langford Creek)	85	Taste
55	Ash	70	Neck (Langford Creek)	86	Make
56	Noth	71	Major	87	Broad (Chester River)
57	Leary	72	Peach	88	Nils
58	Nest	73	Langford	89	Robertson Windmill
59	Woll	74	Quaker	90	Robertson (Chester River)
60	Harp	75	Brown	91	Thorsten
		76	Stratton	92	Blank

PRINCE GEORGE COUNTY.

1	Prince				

QUEEN ANNES COUNTY.

1	Rolphs	30	Crow	59	Liver
2	Southeast	31	Bird	60	Tuxon
3	Wilmers	32	Gordon	61	Steve
4	Julius	33	Fir.	62	Thompson (Cox Creek)
5	Down	34	Break	63	Hope
6	Bill	35	Blakeford	64	Knock
7	Cake	36	Bluebeard	65	Landing
8	Journey	37	Muddy	66	Timber
9	Booker	38	Thin	67	Ville (Cox Creek)
10	Starkley	39	Macum	68	Greek
11	Burns	40	Railway Water Tank	69	Tom (Cox Creek)
12	Ashland	41	Amour	70	Dell
13	Indian (Chester River)	42	Love Point Light	71	Turkey
14	Corpse	43	Ring	72	Needle
15	Chester (Chester River)	44	Wash	73	Cox (Crab Alley Bay)
16	Evans	45	Craney	74	Tull
17	Spaniard Pt. (2 Upper)	46	Bloody Point Bar Light	75	Over
18	Corsica	47	Tenk	76	Norman (Eastern Bay)
19	Swepson	48	Straight (Eastern Bay)	77	Parsons
20	Engineer	49	Mouth	78	Parsons Island Water Tank
21	Ship	50	Matta	79	Alley
22	Bath	51	Then	80	New Barn Cupola
23	Melfield	52	Some	81	Dull
24	Ruth	53	Batts	82	Kirwan
25	Hydrographic	54	Top	83	Bridge (Kent Island Narrows)
26	Earle (Corsica River)	55	Ware		
27	Holton Point	56	Coffee	84	Railroad
28	Reeds (Chester River)	57	Here	85	Marshy
29	Grove (Reeds Creek)	58	Samuel (Cox Creek)	86	Bonnet

NUMERICAL INDEX TO TRIANGULATION STATIONS—Continued.

QUEEN ANNES COUNTY—Continued.

County index number indicating station on Index Chart	Name of station	County index number indicating station on Index Chart	Name of station	County index number indicating station on Index Chart	Name of station
87	Brian Reference Station	101	Oysters (Wye River)	116	Albert
		102	Bee	117	Le Seur
88	Green (Eastern Bay)	103	Close	118	Attila
89	Benn	104	June	119	Tobine
90	Hough	105	Chin	120	Sang
91	Won	106	Aller	121	Turn
92	Nose	107	Twist	122	Go
93	Stop	108	Wide	123	Divide
94	Orb	109	Darce	124	Princess
95	Piney	110	Twixt	125	Philip (Wye River)
96	Ferry (Wye River)	111	Star	126	Granary
97	Owe	112	Leaven	127	Morn
98	Hook	113	Snout	128	Bush
99	Knee	114	South (Wye River)	129	Nub
100	No	115	Flat (Wye River)	130	Wheel

ST. MARYS COUNTY.

1	Sothoron	37	Hall House (Middle Chimney)	72	Brome
2	Billiard			73	Calvert Monument
3	Trent	38	Sig	74	Episcopal Church Cross (Old St. Marys)
4	Collins	39	Red Beacon (1908)		
5	Cremona	40	Dago	75	Bend
6	Oppkit	41	Pipe	76	Horseshoe (St. Marys River)
7	Fight	42	Pier (Smith Creek)		
8	Forr	43	Enough	77	Martin (St. Marys River)
9	Cole	44	Drum (Smith Creek)		
10	Hutchins	45	In	78	Hammett
11	Bars	46	Out	79	McCoy
12	Stock	47	Jutland	80	Soak
13	Briscoe	48	Flagpole	81	Tenuate
14	Nat (Patuxent River)	49	Ran 2	82	Brief
15	Mill (Patuxent River)	50	Flat (Smith Creek)	83	West Hollow
16	Cable	51	Stung	84	Pagan
17	Town (Patuxent River)	52	Oak	85	Deep
		53	Tab	86	McKay
18	Crane	54	Day	87	Water Tower (Porto Bello)
19	Ben	55	Between		
20	Craddock	56	Fort (St. Marys River)	88	Bello
21	Carroll 2	57	Rod (Priest's House)	89	Coppage
22	Hog 2	58	Raley	90	Grind
23	Cedar Point Light	59	St. Inigoes Church Cross	91	Thompson (St. Marys River)
24	Cain				
25	Desert	60	Church	92	Pond
26	Ford (Chesapeake Bay)	61	Grason	93	Cherry
27	Reed (Chesapeake Bay)	62	Smoke	94	Price
28	Point Agin	63	Chestnut	95	Goose (St. George River)
29	Point No Point	64	Sleep		
30	Point No Point Light	65	Rock	96	Combs (Honga River)
31	St. Jerome	66	Dusky	97	Taylor (St. George River)
32	St. Michael Catholic Church Spire	67	Cottage (St. Inigoes Creek)		
				98	Tarkhill
33	Point Look-in	68	Inigoes	99	Arbuckle
34	Potomac	69	Kennedy	100	Lowell
35	Point Lookout Light	70	Chan	101	Shehan
36	Hall (Potomac River)	71	Gravel	102	Chadwick

NUMERICAL INDEX TO TRIANGULATION STATIONS—Continued.

ST. MARYS COUNTY—Continued.

County index number indicating station on Index Chart	Name of station	County index number indicating station on Index Chart	Name of station	County index number indicating station on Index Chart	Name of station
103	Guither	131	Healey (Bretons Bay)	157	Profound
104	Wall (St. George River)	132	Hollow	158	Mileys
		133	Trees	159	Shipping
105	Russell	134	Paw	160	Woods (St. Clement Bay)
106	Robrecht	135	Cherry Cove		
107	Swan (St. George River)	136	Compton	161	Canoe
		137	Sandbar	162	St. Patrick
108	Straits (St. George River)	138	Newtown	163	Blakistone Island Light
		139	Kaywood		
109	Adams	140	St. Clement	164	Heron
110	Smack	141	Roof	165	River Springs Catholic Chapel Cross
111	Labor	142	Rails (St. Clement Bay)		
112	St. George 4			166	Waterloo
113	Piney Point Light	143	Catholic Church Cross (Newtown Neck)	167	St. Catherine
114	Cedoak			168	Bailey
115	Grove (Bretons Bay)	144	Chapel	169	Sound
116	Dune	145	Mansion	170	St. Margaret 2
117	Fence	146	Howards (St. Clement Bay)	171	Prec
118	Protestant			172	Blakistone
119	What	147	Bank (St. Clement Bay)	173	Weiss
120	Lovers			174	Sacred Heart Church Spire (Bushwood)
121	Beau	148	Cecil		
122	Mouldy	149	Place	175	Lyon
123	Pine (Bretons Bay)	150	Guest	176	Farr
124	Cedar (Bretons Bay)	151	Stones	177	Fact
125	Corn (Bretons Bay)	152	Turf (St. Clement Bay)	178	Perry
126	Valley	153	Dynard	179	Cohouck
127	Foxwell	154	Tomakokin	180	Key
128	Buzzard	155	Cobrums	181	Barber (Wicomico River)
129	Noname	156	Radec		
130	Belle				

SOMERSET COUNTY.

1	Walnut	23	Sandy	43	Emanuel Church
2	Jones	24	Locust (Manokin River)	44	Mount Pleasant Church
3	Ivee				
4	Mount Vernon M. E. Church	25	Fitz	45	Asbury Church
		26	Wab	46	Sam
5	Ball (Wicomico River)	27	Pen (Manokin River)	47	Watermelon Hummock
6	Wind	28	Cox (Manokin River)		
7	Little	29	Green (Manokin River)	48	East
8	Dove			49	Monkey
9	Short	30	Barn	50	Scot
10	Room	31	Cupola (Manokin River)	51	Old
11	Haines			52	Will
12	Deal Island Church	32	Staff	53	Holland Island Bar Light
13	Bar (Tangier Sound)	33	Fairmount Church		
14	Joshua	34	Prickly	54	Fog 2
15	Senator	35	Has	55	Joseph
16	Miles	36	Ford (Big Annemessex River)	56	North Church Spire (Smith Island)
17	Solomons Lump Light				
18	Terrapin	37	Moon	57	Old Church Spire (Smith Island)
19	Kelley	38	Colburn		
20	Marsh (Manokin River)	39	Geog	58	Ewell Church Spire (Smith Island)
		40	Flat Cap		
21	St. Pierre	41	Janes Island Light		
22	Jean	42	Somers Cove Light		

NUMERICAL INDEX TO TRIANGULATION STATIONS—Continued.

TALBOT COUNTY.

County index number indicating station on Index Chart	Name of station	County index number indicating station on Index Chart	Name of station	County index number indicating station on Index Chart	Name of station
1	Pick	58	Kirk	112	Bozman
2	Corner (Wye River)	59	Ham (Miles River)	113	Bozman M. E. Church Spire
3	Right	60	Comb (Miles River)		
4	Chew	61	Hall (Miles River)	114	Koot
5	Whale (Wye River)	62	Barnett	115	Fox
6	Matter	63	Maiden	116	Dan
7	Deck	64	Stony	117	Edmond
8	Quarter	65	St. Michaels P. E. Church Spire	118	Warrior
9	Nodim			119	Ball (Harris Creek)
10	Gusta	66	St. Michaels Water Tank	120	Hen
11	Sylvia			121	Change 1910
12	Baldwins	67	Millwind	122	Nelson 3
13	Cousin	68	Deewat	123	Annette
14	Lloyd	69	Spar	124	Myrtle (Broad Creek)
15	Edward	70	Sara	125	Coal
16	Colonel	71	Seth (Miles River)	126	Tobe
17	Shaw	72	Pearson	127	Wire
18	Bruffs	73	Dixon	128	Blanco
19	Law	74	Rich Neck Water Tank	129	Ned
20	James (Miles River)	75	Kemp Tower	130	Caulk
21	Frank	76	Kemp	131	Fairbanks
22	Wood (Miles River)	77	Haddaway	132	Pine (Broad Creek)
23	Herr	78	Valliant	133	Luna
24	Ollie	79	Poplar South	134	Cabin
25	Swing	80	Great	135	Skinner
26	Fair	81	Front	136	Bald
27	Second	82	Wap	137	Rose
28	But	83	Southern M. E. Church	138	Gram (Broad Creek)
29	Aber	84	Black	139	Bengal
30	Two	85	Sharps Island Light	140	Eastman
31	Face	86	Jere	141	Woodill
32	Mais	87	Bar (Harris Creek)	142	Delta (Broad Creek)
33	Beak	88	M. E. Church (Tilghman Island)	143	Marion
34	Rieman			144	Willis
35	Leeds	89	Avalon	145	Neptune
36	Margo	90	Schoolhouse Cupola	146	Venus
37	Gibbs	91	Peoples Chapel	147	Mars
38	Long (Miles River)	92	Narrows	148	Royal
39	Beg	93	Eagle (Harris Creek)	149	Grave
40	Search	94	Dunk	150	Ray
41	Tug	95	Hawk	151	Willey
42	Hunting	96	Smith	152	Judge
43	Spree	97	Briary	153	Thelma
44	Whit	98	Vine	154	Elmore
45	Dorrance	99	Cummings	155	Beverly
46	Tang	100	Dog	156	Samuel (Broad Creek)
47	Johnson	101	Rabbit	157	Ansley
48	Lowndes	102	Grace	158	Harper
49	Draw	103	Mink	159	Taft
50	Chap	104	Harrison	160	Hopkins (Broad Creek)
51	Villa (Miles River)	105	Clump (Harris Creek)	161	Spencer
52	Easton	106	Lawn	162	Marshall
53	Henderson	107	End (Harris Creek)	163	Clark
54	Bethel	108	Rod (Harris Creek)	164	Holly
55	Fig	109	Otto	165	Marsh (Broad Creek)
56	Doctor (Miles River)	110	Miller	166	Cedar (Broad Creek)
57	McConnell	111	Pink	167	Ross (Broad Creek)

NUMERICAL INDEX TO TRIANGULATION STATIONS—Continued.

TALBOT COUNTY—Continued.

County index number indicating station on Index Chart	Name of station	County index number indicating station on Index Chart	Name of station	County index number indicating station on Index Chart	Name of station
168	Cook	201	Wall (Tred Avon River)	234	Show
169	Peary			235	Kit (Island Creek)
170	Roys	202	Aye	236	Moke
171	Irish	203	Hunter	237	Poco
172	Pont	204	Weave	238	Healey (Island Creek)
173	Sticky	205	Twin	239	Maslin
174	Vue	206	Toe	240	Mean
175	Ila	207	Trippe	241	Jay
176	Creek (Irish Creek)	208	Venture	242	Berry
177	Benoni 2	209	Plow	243	Landeye
178	Mutton	210	Higher	244	Choptank River Light
179	Tred	211	All	245	Chlora
180	Bellevue	212	Cam	246	Trappe
181	Tar	213	Deux	247	Lan
182	Peck	214	Crack	248	Rice
183	Tall	215	Mistle	249	Inez
184	Plain	216	Layor	250	Gis
185	Spin	217	Borough	251	Grubin
186	Martin (Tred Avon River	218	Golds	252	Black Beacon
		219	Mud (Tred Avon River)	253	Howells
187	Neva			254	Red
188	Robertson (Tred Avon River)	220	Town (Tred Avon River)	255	Double
				256	Boling
189	Stretch	221	Riverview	257	Rear
190	May	222	Weather Bureau Staff	258	Chancellor
191	Peebee	223	First	259	Barber (Tred Avon River)
192	Neck (Tred Avon River)	224	Bach		
		225	Boone	260	Duck (Choptank River)
193	Stab	226	Enter	261	Jam
194	Water	227	Straw	262	Spindle
195	Radcliffe	228	Delahay	263	Bank (Tred Avon River)
196	Bateman	229	Kent		
197	Melon	230	Harry	264	Raccoon
198	Gash	231	Charles (Island Creek)	265	Blind
199	Camden	232	Potato	266	Up
200	Blossom	233	Ritter		

VIRGINIA.

1	Herring Pond 2	9	Fox Island Poplar	17	Grace M. E. Church
2	Lynch Point 3	10	Mos	18	Long Point
3	Smith Point Light	11	Wharf (Saxis Pier)	19	Wildcat
4	Shanks Hammock 2	12	Saxis Church Spire	20	Pope Island Life-Saving Station
5	Horse	13	Oil		
6	Fishbone	14	Summer	21	Chester (Virginia)
7	Reach Hammock	15	Cup	22	Killick Shoal Light
8	Beacon	16	Money	23	Assateague Light

NUMERICAL INDEX TO TRIANGULATION STATIONS—Continued.

WICOMICO COUNTY.

County index number indicating station on Index Chart	Name of station	County index number indicating station on Index Chart	Name of station	County index number indicating station on Index Chart	Name of station
1	Earle (Nanticoke River)	7	Roar	13	Child
2	Juliet	8	Nanti	14	Creek (Wicomico River)
3	Pole	9	White	15	End (Wicomico River)
4	Bivalve Church	10	Great Shoals Light		
5	Rag	11	Ella		
6	Nanticoke Church	12	Holland (Wicomico River)		

WORCESTER COUNTY.

1	Hamilton	17	Sanpoi	31	Green Run Inlet Life-Saving Station Flagstaff
2	Ocean City Water Tower	18	Mud (Sinepuxent Bay)		
		19	Ingraya		
3	Harmon	20	Salt (Sinepuxent River)	32	Tizz
4	Ocean			33	Mill (Chincoteague Bay)
5	Buffing	21	North Beach Life-Saving Station		
6	Buffington Windmill			34	Maryland-Virginia (Life-Saving Station Beach)
7	Gull	22	Birch		
8	Inkquill	23	Neck (Chincoteague Bay)		
9	Seaside			35	Maryland-Virginia (Pope Island)
10	Ellpow	24	Newport		
11	Beach (Sinepuxent Bay)	25	Handys Hammock	36	Maryland-Virginia (Railroad)
		26	Ricks		
12	Fassett	27	Guilberts Cupola	37	Thorofare
13	Shore	28	Beacon Clumps	38	Collier
14	Nellys	29	Landlet	39	Convent Water Tower
15	Bar (Sinepuxent Bay)	30	Turnagain	40	Gantt
16	Longwells Windmill				

95112—13——6

4 224SI BR 4115
07/93 198115 A
SLB

SMITHSONIAN INSTITUTION LIBRARIES

INDEX CHART
OF
NATURAL OYSTER BARS
CRAB BOTTOMS
CLAM BEDS
AND
TRIANGULATION STATIONS
OF
MARYLAND

SURVEYED BY
MARYLAND SHELL FISH COMMISSION
IN COOPERATION WITH
UNITED STATES BUREAU OF FISHERIES
AND
UNITED STATES COAST AND GEODETIC SURVEY

1906–1912

Prepared under the direction of C. C. Yates, Asst. U. S. C. & G. S. and Representative of the Coast and Geodetic Survey on the work of Maryland Shell Fish Commission.

Scale 200000

Statute Miles
Nautical Miles
Kilometers

SOUNDINGS IN FEET
AT MEAN LOW WATER

This "Index Chart" is designed to serve as a graphical summary of the results of the survey of work of the Maryland Oyster Survey, and as graphical index to the 15 separate hydrographic and coast charts published as a result of that work.

Oyster Bars Natural

The dark foundation of this chart is a copy from the 1906 Mill of a navigational chart of Chesapeake Bay published by the U. S. Coast and Geodetic Survey, and all water areas shown upon it which have not been covered by oyster or crab grounds have been retained, which are open for tonging by residents of oyster culture. Although the boundaries of the five oyster districts are classified as tonging districts, there are but a minority put not from for the good of oysters.

Natural Oyster Bars

The green tinted areas indicate natural oyster bars reserved for the use of the public. The red figures within circles corresponded with the County Index Numbers assigned oyster bars. (See last note below.)

Crab Bottoms

The red and green tinted areas indicate crab bottoms reserved for the use of the public. The red figures within circles corresponded with the County Index Numbers assigned crab bottoms. (See last note below.)

Clam Beds

The red and green tinted areas indicate clam beds reserved for the use of the public. The red figures within circles corresponded with the County Index Numbers assigned clam beds. (See last note below.)

Triangulation Stations

The small black and red triangles indicate the triangulation stations of the U. S. Coast and Geodetic Survey.

The red figures are to be connected with the triangles to designate corresponding with the County Index Numbers assigned triangulation stations. (See last note below.)

Other Charts

The charts of the "Maryland Oyster Survey Charts" published by the U. S. Coast and Geodetic Survey are indicated by rectangular areas defined by heavy red lines, which are shown above the chart numbers as follows:

The charts are to be numbered in red and are to conform in adding the "Maryland Oyster Charts" are numbered in red as follows:

The charts are to be numbered in red and are to conform in adding the "Maryland Oyster Charts" are numbered in red as follows:

State and County Boundaries

The boundaries of the State of Maryland and the counties are indicated by heavy black lines. The names of the counties appear in capital letters and italics.

Index Numbers

All oyster, clam bottom, or clam areas are numbered in groups from 1 upwards for each county, and are designated by the respective letters of the first syllable of the county in which they are located. (See Maryland Shell Fish Commission Laws.)

OYSTER BAR
CRAB BOTTOM
CLAM BED
TRIANGULATION STATION

MARYLAND
VIRGINIA

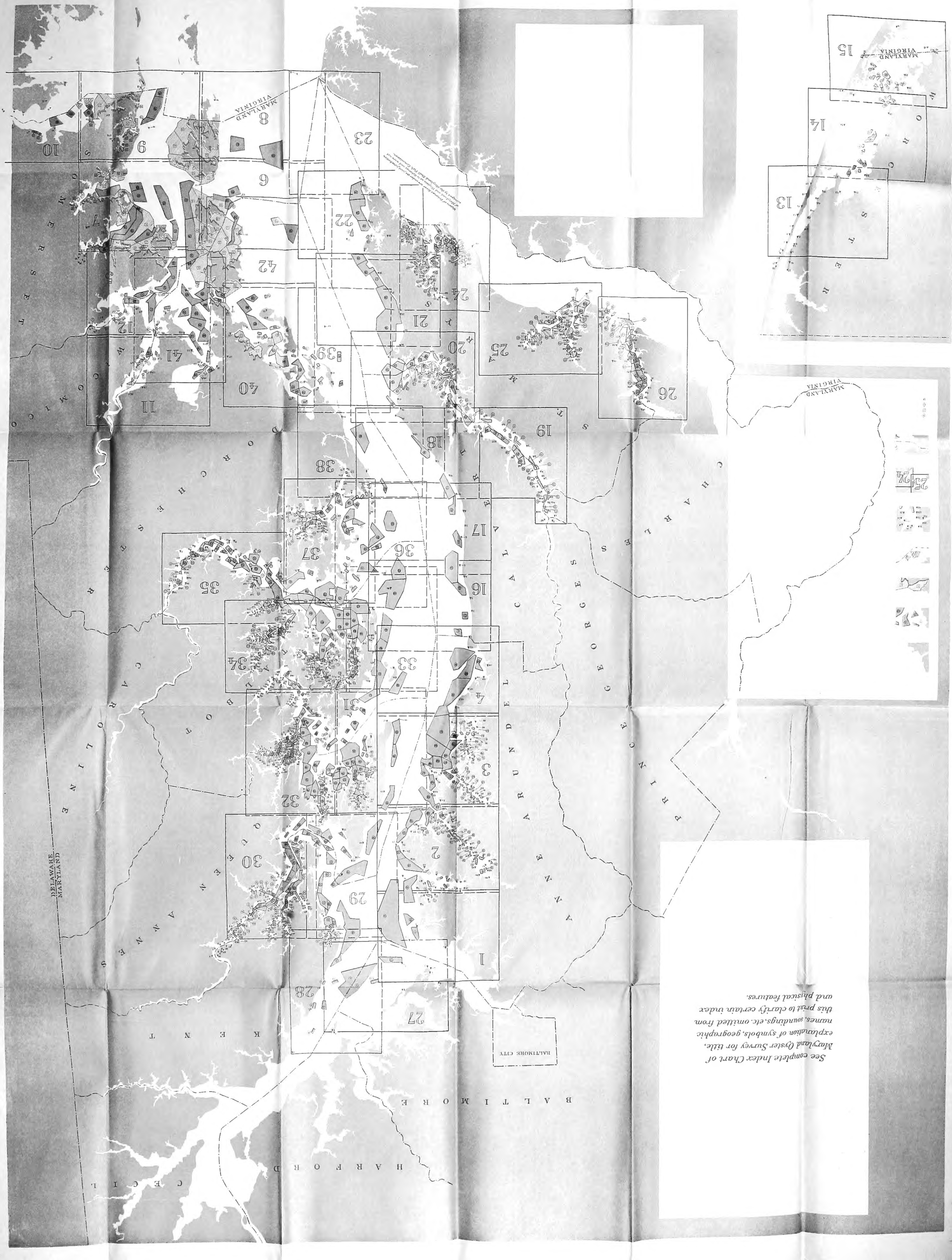
DELAWARE

MARYLAND
VIRGINIA

MARYLAND
VIRGINIA

RESULTS OF THE WORK OF THE [illegible]

REFERENCES



See complete Index Chart of Maryland Oyster Survey for title, explanation of symbols, geographic names, soundings, etc. omitted from this print to clarify certain index and physical features.

SMITHSONIAN INSTITUTION LIBRARIES
3 9088 00579 8103