

8030

Diag'd. on Diag. Ch. No. 1203

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Planimetric Air Photographic

Field No. CS-272-D Office No. T-8030

LOCALITY

State Maine

General locality Coast of Maine

Locality Isle Au Haut Bay - Vinalhaven

1941-'43

CHIEF OF PARTY

F.L. Peacock

LIBRARY & ARCHIVES

DATE May 3, 1949

B-1870-1 (1)

8030

DATA RECORD

T- 8030

Quadrangle (II): Vinalhaven, Maine
(15') (U.S.G.S.) Southeast portion

Project No. (II): C.S. 272 D

Field Office:
Air Photographic Party No. 2

H. O. Fortin
Chief of Party: ~~Fred. L. Peacock~~

Compilation Office:
Baltimore, Maryland

Chief of Party: Fred. L. Peacock

Instructions dated (II III):
April 1, 1942
Supplemental Instructions April 20, 1943

Copy filed in Descriptive
Report No. T- (VI)
Div. Photogram. Office Files

Completed survey received in office: 27 July, 1948

Reported to Nautical Chart Section:

Reviewed: 27 Feb 46

Applied to chart No.

225 (exam. for TX) 3 Feb. 1948
309 (partial) 6 Nov. 1945
309 (partial) Date: 23 Oct. 1946
322 3/16/49

Redrafting Completed: 23 Sept. 1947

Registered: 6 May, 1948

Published: Shoreline (Vault copy)

Compilation Scale: 1:9,700

Published Scale: 1:10000

Scale Factor (III): 1.0309

Geographic Datum (III): N. A. 1927

Datum Plane (III): Mean Sea Level *H. W.*Reference Station (III): HAY ISLAND, 1868, ~~1934, 1943~~

Lat.: 44° 00' [✓]55.493" (1712.7m) [✓]Long.: 68° 47' [✓]38.547" (858.6m) [✓]Adjusted [✓]
~~unadjusted~~

State Plane Coordinates (VI): Maine East Zone

X =

Y =

Not available - 26 Feb 46

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
6892-6897 Inc.	10/19/41	11:10 A.M.	1:10,000	9.4' above M.L.W.
7261-7263 Inc.	10/21/41	11:04 A.M.	1:10,000	11.7' above M.L.W.
7312-7313 Inc.	10/22/41	10:17 A.M.	1:10,000	11.0' above M.L.W.

Tide from (III); Tables of predicted tides - reference station - Portland, Md.,
with corrections for Vinalhaven, Vinalhaven Island

Mean Range: 9.4' Spring Range: 10.7'

Camera: (Kind or source) U. S. C. & G. S. nine lens camera (focal length 8 $\frac{1}{4}$ ")

Field Inspection by: Lt. Comdr. H. O. Fortin date: Sept., Oct. 1943
(See field inspection report which has been previously submitted)

Field Edit by: *None* date:

Date of Mean High-Water Line Location (III): Sept. and Oct. 1943

& Base Projections
Projection and Grids/ruled by (III) B.R.C.-J.T.B.-P.J.H. date: 2/3/44

" " " checked by: R.J.T. date: 2/5/44

Control plotted by: W. E. Schmidt date: 2/8/44

Control checked by: W. E. Schmidt date: 2/9/44

Radial Plot by: W.E. Schmidt date: May, 1944

Detailed by: Ruth E. Rudolph (shoreline) date: 6/7/44 to 7/22/44

Reviewed in compilation office by: A. C. Rauck, Jr. date: 7/12/44 - 7/15/44
Henry P. Eichert 7/17/44 - 7/22/44

Elevations on Field Edit Sheet
checked by: date:

STATISTICS (III)

Land Area (Sq. Statute Miles); 5

Shoreline (More than 200 meters to opposite shore); 51 Statute miles

Shoreline (Less than 200 meters to opposite shore); 9 Statute miles

Number of Recoverable Topographic Stations established; 9

Number of Temporary Hydrographic Stations located by radial plot; 322

Leveling (to control contours) - miles;

Roman numerals indicate whether the item is to be entered by,

(II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname
and initials (not initials only).

Remarks;

COAST OF MAINE
Project No. C.S. 272
Sub-Project No. C.S. 272 C

Report
Individual Radial Plots
for the
Areas of Map Drawings, Surveys Nos.
T-8022 to T-8025, Incl., and T-8030 to T-8033, Incl.

The radial plots to be discussed in this report pertain to the block of Surveys, Nos. T-8022 to T-8025, incl., and T-8030 to T-8033, incl., which cover an area of approximately 230 sq. statute miles in the vicinity of Vinalhaven Island, Maine. The limits of each survey and the number of available field and office photographs have been shown on a sketch attached hereto.

The Map Drawing Projections, the corresponding Base Sheets (scale 1:9700) and the positype prints (office photographs) were made by the Washington Office and delivered to the Baltimore Compilation Office on Feb. 7, and April 7, 1944, respectively. The Projections and prints were then prepared in the usual manner.

Individual plots were then laid for the area of each survey by the radial method. No celluloid templets were used, the photographs being oriented directly under the Map Drawing Projections.

At this time it was found that the plots for the areas of Surveys Nos. T-8022, T-8025, and T-8033 could not be completed because of inadequate field inspection data. The facts concerning the data are to be fully brought out in the subsequent paragraphs.

The 1943 field inspection data pertaining to the recovery and identification of the horizontal control were adequate, except for Triangulation Stations BRADBURY ISLAND, 1934, HURRICANE ISLAND, 1859, LASELL ISLAND, 1911, and SEVEN-HUNDRED ACRE ISLAND HOUSE, WEST GABLE, 1911.

On May 5, 1944, the Baltimore Compilation Office requested its Field Inspection Sub-Party to re-identify the stations just mentioned, and also to establish an additional horizontal control station believed necessary, on the south end of Job Island within the area of

Survey No. T-8022. The requested data were received on June 5, 1944. The Triangulation Stations were identified by Field Inspection Points located by traverse. The additional horizontal control was Recoverable Topographic Station JOB, 1944, located by rounds of theodolite directions, one direct and one reverse. This station was identified by the Field Inspection Point, "Boj" which was located by traverse. The Recoverable Topographic Station and the Field Inspection Points were adequately identified on the field inspection photographs by the Field Inspection Sub-Party. The positions of the Points and Station were computed at the Baltimore Office and plotted on the Map Drawing Projections. The plotted positions of the control stations were then transferred to the corresponding Base Sheets by the method of matching common projection lines and pricking through.

The number of nine lens photographs, their distribution, and the photographic coverage, were adequate.

RESULTS

All of the horizontal control stations shown within and just outside, the detail limits of the Map Drawings, were satisfactorily "held to" in the radial plots with the following exceptions.

Triangulation Station LASELL ISLAND, 1911, is identified by the F.I.P. "Sel". The radial through the image of the F.I.P. as pricked on photograph No. 7325, could not be "held to" within less than 0.35 mm. east of the plotted geographic position of the Point, probably because photograph No. 7325 was slightly tilted, because the F.I.P. falls within the center chamber of the photograph, and because the F.I.P. is near the photograph center (principal point.)

The identification and recovery of Triangulation Station (intersection) SEVEN-HUNDRED ACRE ISLAND HOUSE, WEST GABLE, 1911, which falls outside the northern detail limits of Map Drawing, Survey No. T-8022, was noted as

doubtful by the 1943 and 1944 Field Inspection Sub-Parties. The plot proved the station to be lost. The plotted geographic position of the station has been deleted from the Map Drawing. The position of a house gable, which the Field Inspection Sub-Party thought to be the station, has been radially plotted and shown on the Map Drawing with a double red acid ink circle, accompanied by a pertinent note. The position of the identified gable is 43.0 meters southeast of the geographic position of the station.

The radial plot for the area of Survey No. T-8022 also proved that the Triangulation Station (intersection) HOUSE WITH WHITE ROOF, NORTH GABLE, 1911, is lost. The plotted geographic position of the station has been deleted from the Map Drawing. The identification and recovery of the station was reported doubtful by the 1943 Field Inspection Sub-Party. The radially plotted position of a house gable, which the Field Sub-Party thought to be the station, has been shown on the Map Drawing with a double red acid ink circle, accompanied by a pertinent note. The position of the identified gable is 102.0 meters southwest of the geographic position of the station.

The Triangulation Station MARK ISLAND POINT SPINDLE, 1904, which falls within the detail limits of Map Drawing, Survey No. T-8023, was not used to control the plot. The image of the spindle could not be seen on any of the photographs. However, the 1943 Field Inspection Sub-Party verified the existence of the station.

The Triangulation Station MOUSE ISLAND LEDGE SPINDLE, 1911, could be identified only on photograph No. 7325.

The radial plot for the area of Survey No. T-8032 proved that the Triangulation Station (intersection) TURNER'S HOUSE CHIMNEY, 1861, is lost. The plotted geographic position of the station has been deleted from the Map Drawing. The identification and recovery of the station by the 1943 Field Inspection Sub-Party

was doubtful. The position of a chimney, which was thought by the Field Inspection Sub-Party to be the station, has been radially plotted and shown on the Map Drawing with a double red acid ink circle, accompanied by a pertinent note. The position of the identified chimney is 53.5 meters northeast of the geographic position of the station.

The recovery and identification of Triangulation Station LANE'S (CAPT.) HOUSE, S. CHIMNEY, 1868, was reported doubtful by the 1943 Field Inspection Sub-Party. The station falls within the detail limits of Map Drawing, Survey No. T-8030. The radial plot proved that the station still exists.

The recovery and identification of the Triangulation Station DURHAM PT., D. EATON'S HOUSE CHIMNEY, 1862, was reported doubtful by the 1943 Field Inspection Sub-Party. The station falls outside the eastern detail limit of Map Drawing Survey No. T-8033. The plot proved that the station still exists.

The recovery and identification of the Triangulation Station EAGLE ISLAND, HIGHEST HOUSE CHIMNEY, 1910, was reported doubtful by the 1943 Field Inspection Sub-Party. The station falls within the detail limits of Map Drawing, Survey No. T-8033. The radial plot proved that the station still exists.

The positions of the selected secondary points determined by the intersection of three or more radials, have been shown on the glossy side of the Map Drawing with small double blue ink circles, while the positions of points determined by the intersection of two radials were shown with small double green ink circles. The positions of all the secondary points are believed to be within the limits of satisfactory accuracy.

The positions of the photograph centers (principal points) determined by the radial plots, have been shown on the glossy side of the Map Drawings with large blue ink circles, accompanied by the photograph numbers. Their positions are also believed to be within the

limits of satisfactory accuracy.

Junction of common secondary points and photograph centers were made with adjoining surveys, no difficulties being encountered.

While the plots were being laid the photographs were examined for tilt and differential distortion. No appreciable amount of either tilt or differential distortion was present. The photograph centers (principal points), were used as the chief ray centers for all radials.

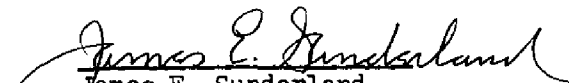
REMARKS

The position computations for Recoverable Topographic Station JOB, 1944, will be submitted with the descriptive report for Map Drawing, Survey No. T-8022.

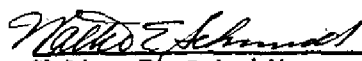
It is believed that the compilers will have no difficulties in determining the radially plotted positions of minor detail points, temporary hydrographic stations, and recoverable topographic stations.

The triangulation stations have been shown on the Map Drawing Projections with the conventional triangulation symbol, the F.I.P.'s with small black acid ink squares, and the Recoverable Topographic Station "JOB, 1944" with a $2\frac{1}{2}$ mm. black acid ink circle.

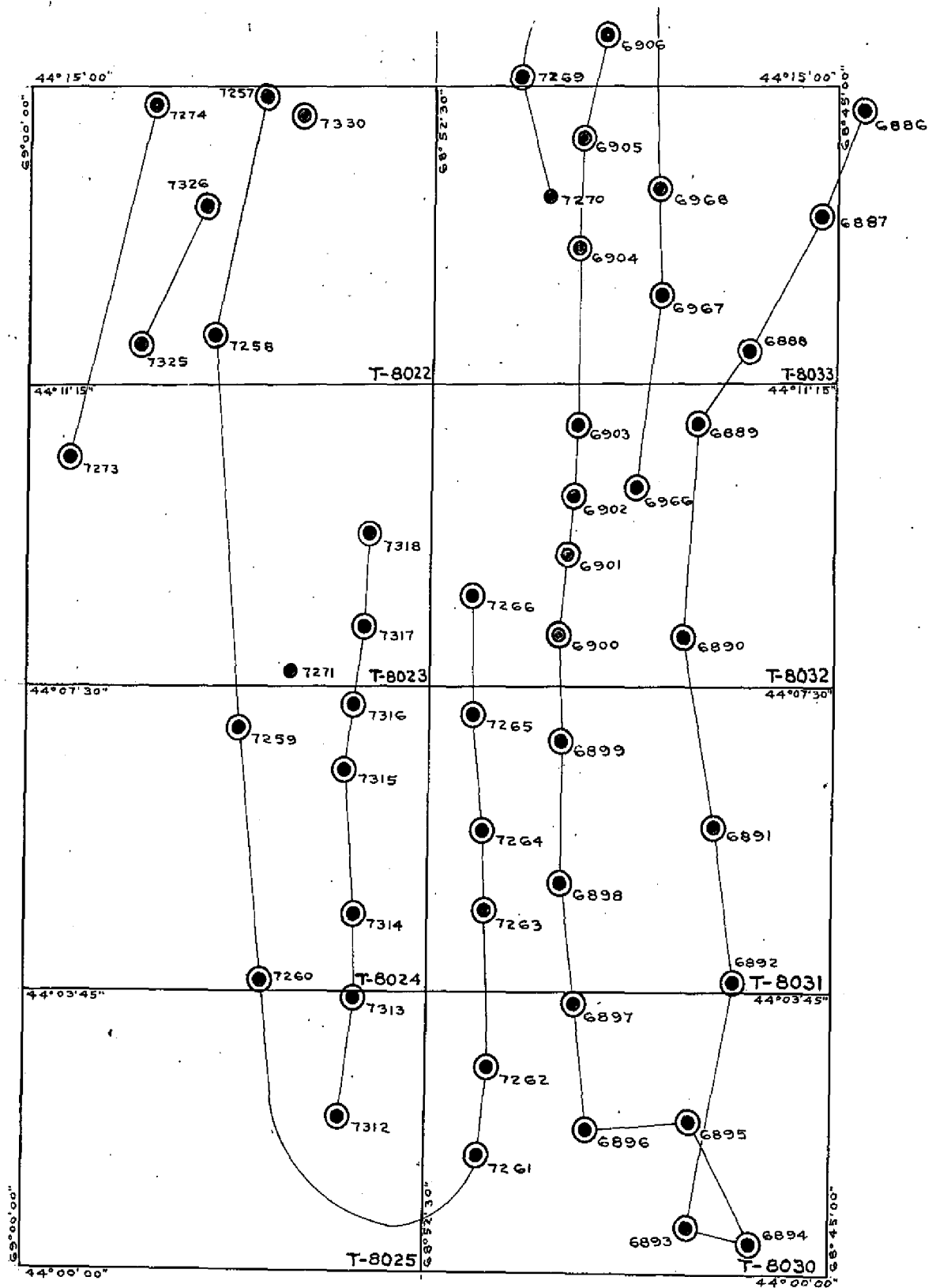
Respectfully submitted:
June 19, 1944


James E. Sunderland
Senior Photogrammetric Aid

and


Walter E. Schmidt
Asst. Photogrammetric Engineer

PROJECT-C5272
PART OF SUB-PROJECT-C5272-D
COAST OF MAINE



26 CONTROL:

Seven U. S. Coast and Geodetic Survey horizontal control stations were recovered by the Field Inspection Unit, all of which fall within the limits of this Map Drawing. They are:

- ✓BRIMSTONE ISLAND, 1910, r.1943
- ✓DOGY POINT, 1868, no recovery in 1943
- ✓HAY ISLAND, 1868, 1934, r.1943
- ✓HERON NECK LIGHTHOUSE, 1868, 1934, r.1943
- ✓LANE'S CAPT. HOUSE, S. CHY., 1868, r.1943
- ✓POINT LEDGE BEACON, 1934, r.1943
- ✓VINALHAVEN WATER TOWER, 1910, r.1943

The Field Inspection Unit established a Field Inspection Station at a well defined point near each of the two following listed horizontal control stations. They are:

- BRIMSTONE ISLAND, 1910, r.1943 (F.I.P. "Brim")
- HAY ISLAND, 1868, 1934, r.1943 (F.I.P. "Hay")

The Field Inspection Stations are shown on the Map Drawing with a small square in black acid ink.

All of the above horizontal control stations were used for the establishment of photograph centers, secondary control points, detail points, recoverable topographic stations, and temporary hydrographic stations.

27 RADIAL PLOT:

An individual plot was laid for the area of Survey No. T-8030. No celluloid templets were used, the photographs being oriented directly under the Map Drawing Projection. Satisfactory results were obtained. The facts pertaining to the radial plot have been fully brought out in the report on the individual radial plots for the areas of Surveys Nos. T-8022 to T-8025, Incl., and T-8030 to T-8033, Incl., included as an appendix to this descriptive report.

28 DETAILING:

The shoreline and immediate adjacent culture, which lie within the limits of this Map Drawing, has been detailed in accordance with the Director's letters dated April 1, 1942, and April 20, 1943, pertaining to this Project No. C.S. 272. All detail was traced directly from the photographs, using common detail points from the office photographs, radially plotted on the Map Drawing for this purpose, and in accordance with the field inspection data. The number of photographs covering the area of this Map Drawing was sufficient for detailing.

The field inspection data were adequate with the exceptions which are noted in the following paragraphs.

In the northeast portion of the Map Drawing, there are no field inspection data pertaining to the classification of tree and brush areas. The trees and brush in this area have been detailed by examination of the office photographs and comparison with other classified areas of similar appearance.

No field inspection data were furnished the Compilation Office by the Field Inspection Unit for Old Duke Ledges and Griffin Ledge. These areas were delineated from stereoscopic examination of the office photographs. Appropriate notes are shown on the Map Drawing in red acid ink.

Only the streets and buildings immediately adjacent to the shoreline in the town of Vinalhaven have been shown on the Map Drawing.

All roads are shown on the Map Drawing with double lines and classified according to field inspection data.

Bluffs are shown on the Map Drawing with the conventional symbol. Heights noted on the field inspection photographs by the Field Inspection Unit are also shown on the Map Drawing.

28 DETAILING: (Continued)

An explanatory list of abbreviations used in detailing has been lettered just outside the eastern limit of the Map Drawing.

29 SUPPLEMENTAL DATA:

No supplemental data were furnished the Compilation Office for use in detailing this Map Drawing.

30 MEAN HIGH-WATER LINE:

The Mean High-Water Line (firm ground) has been detailed in accordance with the data submitted by the Field Inspection Unit, and shown on the Map Drawing with a full heavy-weight black acid ink line.

The outer limits of marsh areas bordering the Mean High-Water Line have been shown on the Map Drawing with a full light-weight black acid ink line. The light-weight line is not considered to be the Mean High-Water Line, but is only an indication of the outer limits of low wet land at Mean High-Water.

31 LOW-WATER AND SHOAL LINES:

No Mean Low-Water Line has been shown on this Map Drawing and none was indicated by the field inspection data, or visible on the nine lens office photographs.

The approximate outer limits of shoal areas bordering the Mean High-Water Line have been detailed in accordance with the field inspection data and shown on the Map Drawing with a dashed light-weight black acid ink line, accompanied by the note "Shoal," lettered within the included area.

32 DETAILS OFFSHORE FROM THE HIGH-WATER LINE:

Rocks, reefs, a fish trap, the approximate positions of two mooring areas and other offshore features indicated

32 DETAILS OFFSHORE FROM THE HIGH-WATER LINE: (Continued)

by the field inspection data, have been shown on the Map Drawing with the conventional symbols with accompanying descriptive notes.

The extent to which the offshore rocks and reefs bare at Mean High-Water has been shown by notes lettered on the Map Drawing, according to field inspection data.

The extent to which the rocks awash bare at Mean Low-Water, indicated by field inspection data, has been shown on the Map Drawing with appropriate notes.

All rocks which bare $1\frac{1}{2}$ feet or less above Mean High-Water have been shown as rocks awash.

The approximate area of reefs and breakers has been shown on the Map Drawing with a light-weight dashed black acid ink line. The extent to which these bare at Mean Low-Water has been shown by notes on the Map Drawing, according to field inspection data.

33 WHARVES AND SHORELINE STRUCTURES:

All piers, retaining walls, marine railways, and all other shoreline structures have been detailed in accordance with the field inspection data and shown with the conventional symbols, accompanied by descriptive notes.

34 LANDMARKS AND AIDS TO NAVIGATION:

There are no landmarks recommended by the Field Inspection Unit within the area covered by this Map Drawing. The Field Inspection Unit recovered the following landmark, which is a triangulation station and shown on the Map Drawing with the conventional triangulation symbol. This landmark is already charted, namely,

VINALHAVEN WATER TOWER - Chart 310

Three fixed aids to navigation, two of which are also triangulation stations, have been identified on the photographs

34 LANDMARKS AND AIDS TO NAVIGATION: (Continued)

by the Field Inspection Unit and are shown on this Map Drawing with the conventional symbol. They are:

HERON NECK, F.R., W. Sector (Also triangulation station)
POINT LEDGE BEACON (Also triangulation station)
WRECK POINT BEACON

Form 567 is being submitted for the one fixed aid to navigation which is not a triangulation station.

35 HYDROGRAPHIC CONTROL:

The Compilation Office was furnished the identification of 322 temporary hydrographic stations and 9 recoverable topographic stations. These were identified on the 1:10,000 field photographs by numbers and their descriptions were listed in sketch books, Form 274, by corresponding numbers. The positions of these stations have been determined by radial intersections and shown on the Map Drawing with 2.5 mm black acid ink circles.

The numbers only, of the temporary hydrographic stations and the recoverable topographic stations, have been shown on the Map Drawing. A tabulated list of the numbers and descriptions of the temporary hydrographic stations and the recoverable topographic stations, is attached to this descriptive report.

Two additional copies of the list are being submitted for possible use of Hydrographic Parties.

Form 524 is being submitted for the following 9 recoverable topographic stations:

<u>No.</u>	<u>Name</u>
2759	WEST AND TALLEST CHIMNEY, PLAIN HOUSE
2776	E. GABLE UNPAINTED HOUSE
2956	S. E. GABLE TWO-STORY WHITE HOUSE
2962	S. GABLE OF HIGHEST SECTION WHITE HOUSE
2965	S. GABLE TWO-STORY WHITE HOUSE
3449	W. GABLE GREEN ROOFED COTTAGE

Filed in Naut. Chts.
Ch. Letter 543-44

35 HYDROGRAPHIC CONTROL: (Continued)

No.	Name
3457	W. GABLE TWO-STORY GREEN HOUSE
3476	WRECK POINT BEACON (aid to navigation)
	TIDAL BENCH MARK NO. 4, 1911 VINALHAVEN, VINALHAVEN ISLAND

36 LANDING FIELDS AND AERONAUTICAL AIDS:

There are no landing fields within the limits of this Map Drawing and no aeronautical aids have been recommended by the Field Inspection Unit.

37 JUNCTIONS:

The junction to the North with Map Drawing, Survey No. T-8031 is in excellent agreement.

The junction to the West with Map Drawing, Survey No. T-8025 is in excellent agreement.

To the East is Isle Au Haut Bay. However, there is a cable crossing at this junction, mentioned in paragraph sub-heading No. 40.

To the South is a portion of the Atlantic Ocean.

38 GEOGRAPHIC NAMES:

No geographic names investigation was made for the area of Survey No. T-8030 by the Field Inspection Unit. The geographic names appearing on this Map Drawing are in accordance with data obtained from the best known sources available for use by the Baltimore Compilation Office. *List of approved names attached.*

An alphabetical list of geographic names, shown on the charts for the area of this Map Drawing, is submitted herein. The geographic names of only the physical features visible on the photographs are shown on this Map Drawing.

39 BRIDGES:

Three stone bridges, one wooden bridge, and one

39 BRIDGES: (Continued)

wooden drawbridge, have been shown on the Map Drawing with the conventional symbols, accompanied by pertinent notes. Two of the stone bridges are located near Dyer Island and the remaining bridges are at Vinalhaven.

40 CABLE CROSSING AREAS:

The cable crossing area, southeasterly from Arey Neck, shown on this Map Drawing with dashed red acid ink lines accompanied by a pertinent note, has been detailed from Chart No. 309 by means of the vertical projector.

*Removed
from Celluloid
by Review*

The cable crossing across The Reach, shown on this Map Drawing with black acid ink, has been detailed according to field inspection data.

41 RECOMMENDATIONS FOR FUTURE SURVEYS:

The shoreline, rough draft, Map Drawing, Survey No. T-8030, is believed to be complete in all details of importance for charting and no other surveys are deemed necessary.

42 HORIZONTAL ACCURACY:

The probable error in the relative positions of detail points, the Mean High-Water Line, and well defined objects, is believed to be within the limits of satisfactory accuracy.

43 OFFSHORE LOW-WATER AND SHOAL LINES:

No offshore Mean Low-Water Line has been shown on this Map Drawing and none was indicated by the field inspection data or visible on the nine lens office photographs.

The approximate outer limits of shoal areas bordering the Mean High-Water Line of offshore rocks, reefs, and ledges has been shown on the Map Drawing with a

43 OFFSHORE LOW-WATER AND SHOAL LINES: (Continued)

dashed light-weight black acid ink line, in accordance with the field inspection data.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

Vinalhaven, Maine (15') U. S. Geological Survey, scale 1:62,500, edition of 1944.

Due to scale difference, only a visual comparison could conveniently be made. The following differences were noted:

Round Rock shown on the quadrangle has not been shown on the Map Drawing. This rock was not identified by the Field Inspection Unit and not visible by office examination of the photographs.

Numerous marsh areas appear on the quadrangle which are not shown on the Map Drawing.

Common topographic features seem to be in generally fair agreement.

45 COMPARISON WITH NAUTICAL CHARTS:

Chart No. 309, published at Washington, D. C., July 1943 and corrected to June 16, 1944, scale 1:40,000.

The following differences were noted:

Triangle Ledge, Crosby Ledge, Little Triangle Ledge, Sister Ledge, Halibut Ledge, Diamond Rock Ledge, Knubble Ledge, Sheep Island Ledge, Bunker Ledge, Round Rock, Channel Ledge, and Old Horse Ledge appear on the chart but were not visible on the nine lens office photographs.

Chart shows five rocks at Griffin Ledge, but only three were visible on the office photographs, which are shown on

45 COMPARISON WITH NAUTICAL CHARTS: (Continued)

the Map Drawing.

Five rocks between Calderwood Point and Point Ledge are shown on the chart and not on the Map Drawing.

Rock appearing west of Diamond Rock on the chart is not shown on the Map Drawing.

Eastern Ledge is shown on the chart as four rocks. One large rock and one small rock are shown on the Map Drawing for this ledge.

A group of three rocks appearing on the chart east of Brimstone Island are shown as breakers on the Map Drawing.

Rock between Little Brimstone Island and Eastern Ledge, appearing on the chart is not visible on the nine lens office photographs.

Buffalo Ledge is shown with six rocks on the chart. Only four are shown on this Map Drawing.

Rocks appearing north and south of Shag Rock are shown as breakers on the Map Drawing.

Two rocks on the west side of Brimstone Island are shown as breakers on the Map Drawing.

The northern shoreline of Brimstone Island is shown on the Map Drawing a maximum of 50 meters further north than that appearing on the chart. The eastern shoreline of Brimstone Island is shown on the Map Drawing a maximum of 40 meters further west than that shown on the chart.

A rock appearing west of Green Ledge on the chart is not shown on the Map Drawing.

45 COMPARISON WITH NAUTICAL CHARTS: (Continued)

Several rocks north of Sheep Island appearing on the chart are shown as reef on the Map Drawing.

Rocks appearing south of Clam Ledges on the chart are not shown on the Map Drawing.

Rock appearing on chart northwest of Wreck Ledge is not shown on the Map Drawing.

Three rocks east of Old Duke Ledges appearing on the chart are not shown on the Map Drawing.

A bridge connecting Arey Neck with Vinalhaven Island appearing on the chart has not been shown on the Map Drawing.

The shoreline as shown on the Map Drawing, is in generally fair agreement with that of the chart.

Chart No. 310, published at Washington, D. C., August 1937 and corrected to June 16, 1944, Scale 1:40,000.

The following differences were noted:

The Breakers and Big Shoal appear on the chart but were not visible on the nine lens office photographs.

Two rocks appearing southeast of Norton Point on the chart are not shown on the Map Drawing.

Three rocks appearing in The Reach on the chart are not shown on the Map Drawing.

Rock appearing northwest of Green Island on the chart is not shown on the Map Drawing.

The shoreline is in generally fair agreement with following exceptions:

On the eastern side of Sand Cove the shoreline as

45 COMPARISON WITH NAUTICAL CHARTS: (Continued)

shown on the chart is a maximum of 200 meters further inland.

On the west side of Carvers Harbor the shoreline as shown on the chart is a maximum of 50 meters further inland.

At approximate Latitude $44^{\circ} 02' 00''$ to $44^{\circ} 02' 10''$ and Longitude $68^{\circ} 50' 00''$ to $68^{\circ} 50' 15''$, the shoreline of Lane Island is in disagreement with that as shown on the chart.

At approximate Latitude $44^{\circ} 02' 30''$ and Longitude $68^{\circ} 51' 50''$ the shoreline of Green Island is shown on the Map Drawing a maximum of 30 meters further west than that as shown on the chart.

At approximate Latitude $44^{\circ} 03' 08''$ and Longitude $68^{\circ} 50' 10''$, the shoreline is in disagreement a maximum of 20 meters with that as shown on the chart.

The shoreline and roads between approximate Latitude $44^{\circ} 03' 00''$ and $44^{\circ} 03' 45''$, and between approximate Longitude $68^{\circ} 52' 00''$ and $68^{\circ} 52' 30''$, are in disagreement a maximum of 30 meters.

A small island at approximate Latitude $44^{\circ} 03' 00''$ and $68^{\circ} 52' 00''$, is in disagreement a maximum of 30 meters.

A road leading into Vinalhaven at Latitude $44^{\circ} 02' 45''$ and between approximate Longitude $68^{\circ} 50' 45''$ and $68^{\circ} 50' 25''$, appears on the chart approximately 30 meters north of road as shown on the Map Drawing.

Respectfully submitted:
July 24, 1944

Ruth E. Rudolph
Ruth E. Rudolph
Asst. Photogrammetric Aid

Compilation Reviewed by:

Albert C. Rauck, Jr.
Albert C. Rauck, Jr.
Sr. Photogrammetric Aid

and

Henry P. Eichert
Henry P. Eichert
Jr. Photogrammetric Engineer

Compilation and Descriptive
Report Supervised by:

Joseph Steinberg
Joseph Steinberg
Asst. Photogrammetric Engineer

and

J. Edward Deal, Jr.
J. Edward Deal, Jr.
Asst. Photogrammetric Engineer

Approved and Forwarded:
July 26, 1944

Fred L. Peacock
Fred. L. Peacock
Chief, Air Photographic Party No. 2

GEOGRAPHIC NAMES

Undisputed

- | | |
|--------------------------------|-----------------------------------|
| ✓ Arey Cove . | ✓ Indian Creek . |
| ✓ Arey Ledges . | ✓ Isle au Haut Bay . |
| ✓ Arey Neck . | ✓ James and Willies Ledge . |
| *Big Shoal | ✓ Lane Island . |
| ✓ Brimstone Island . | ✓ Lane Ledge . |
| ✓ Buffalo Ledge . | ✓ Little Brimstone Island S . |
| *Bunker Ledge | *Little Triangle Island |
| ✓ Carvers Harbor . | ✓ Middle Ledge . |
| ✓ Carvers Island . | ✓ Mitten Ledge . |
| ✓ Carvers Pond . | ✓ Narrows Island |
| *Channel Ledge | ✓ Norton Point . |
| ✓ Channel Rock . | ✓ Old Duke Ledges |
| ✓ Clam Ledges . | ✓ Old Harbor . |
| *Colt Ledge | ✓ Old Harbor Pond . |
| *Crosby Ledge | *Old Horse Ledge . |
| ✓ Deadman Ledge . | ✓ Otter Island . |
| ✓ Deep Cove . | ✓ Otter Island Ledge |
| ✓ Diamond Rock . | ✓ Point Ledge (East of Arey Neck) |
| *Diamond Rock Ledge | ✓ Point Ledge (S. of Indian Cr.) |
| ✓ Dodge Point . | ✓ Potato Island . |
| ✓ Dog Point . | ✓ Roberts Harbor . |
| ✓ Dyer Island . | ✓ Roberts Island S . |
| ✓ Eastern Ledge . | *Round Rock |
| ✓ Folly Ledge . | ✓ Sand Cove . |
| ✓ Green Island (off Arey Neck) | ✓ Shag Rock . |
| ✓ Green Island . | ✓ Sheep Island |
| ✓ Green Knob <u>Island</u> | *Sheep Island Ledge |
| ✓ Green Ledge (near Sheep I.) | *Sister Island Ledge |
| ✓ Green Ledge (E. of Green I.) | *The Breakers |
| ✓ Griffin Ledge . | ✓ The Reach . |
| *Halibut Ledge | *Triangle Ledge |
| ✓ Hay Island S . | ✓ Vinalhaven |
| ✓ Heron Neck . | ✓ Vinalhaven Island . |
| ✓ Heron Neck Ledge . | ✓ Wreck Ledge . |
| ✓ Holden Ledge ✓ | ✓ Yellow Rock . |
| ✓ House Ledge . | |
| ✓ Penobscot Bay . | ✓ Hurricane Sound |

*These geographic names fall within the area of Survey No. T-8030 but have not been shown on the Map Drawing. No data were submitted for them by the 1943 Field Inspection Unit and the images of such features were not visible on any of the office photographs.

*Long Names checked
with L. Heck 4/20/49
K.H.M.*

*Names preceded by . are approved
L. Heck, 9/16/47*

GEOGRAPHIC NAMES

DESCRIPTIONS OF
TEMPORARY HYDROGRAPHIC STATIONS AND
RECOVERABLE TOPOGRAPHIC STATIONS
LOCATED BY RADIAL PLOT FOR MAP DRAWING

SURVEY NO. T-8030

PROJECT NO. CS - 272D

RECOVERABLE TOPOGRAPHIC STATIONS ESTABLISHED IN 1943-----	9
TEMPORARY HYDROGRAPHIC STATIONS ESTABLISHED IN 1943-----	<u>322</u>
TOTAL STATIONS --	331

LISTED BY: . RUTH E. RUDOLPH
COPY CHECKED BY: ALBERT C. RAUCK, JR.

HYDROGRAPHIC STATIONS

8030

- 2754 Top of ledge on end of rocky pt. Is different in color than rest of ledge.
- 2755 Top center of rock farthest off shore. There is another rock directly behind it. Off shore 15 ft.
- 2756 Large boulder near grassline. Is rather light in color. Has two smaller rocks directly in front of it. One has small black spot on top.
- 2757 Top center of large whaleback ledge off shore. 15 m. Is dark in color. Quite ragged around edges. At end of small rocky point.
- 2758 Large rounded like boulder sitting on ledge. Only large boulder there.
- 2759 W and tallest chimney on large plain house. Has 3 dormers on S side. (Also recoverable topographic station.) fm 524
- 2760 Top center of E part of ledge. Has brown rock behind it.
- 2761 Top center of rock in middle of cove. Is dark on top.
- 2762 Light colored boulder sitting on greyish ledge. Is brown color on shore side rock.
- 2763 Top of large ledge. Is dark in color. Off shore at high water. At center rounding pt.
- 2764 Highest part of S most large ledge. Ledge just to N of it has a peaked point on N end.
- 2765 E tip of grass on point. Point is round and rocky. Offshore ledge to NE of it.
- 2766 Top of N part of ledge. There is another offshore ledge to S of it.
- 2767 Top of S end of rock on N end of pt. Sits on sloping ledge.
- 2768 E gable of white house that has a green door. Flag pole on top.
- 2769 Top of rocky pt. at MHWL. SE of signal 2768.
- 2770 NW corner of wooden pier. Has hand rail around it. Near large white house. (outer inshore end)
- 2771 Large dome shaped brown rock off rounding rocky pt.
- 2772 S corner of granite retaining wall. On N side of cove.

HYDROGRAPHIC STATIONS

8030

- 2773 Highest part of rocky pt. on left side of cove coming in.
- 2774 Large brown boulder on rocky pt. Cabin on grassline behind it. Another smaller boulder to SW of it.
- 2775 Top small rock-light colored. W of two rocks that are 1 meter apart.
- 2776 E gable of unpainted house at head of cove. Has two windows on S side. Chimney center of house. (Also recoverable topographic station.) 524
- 2777 Large 20 ft. blue spruce tree 3 meters from grassline. Birch tree to N of it.
- 2778 Highest part of brown colored ledge. Connects with grassline. Small lobster houses on shore behind it.
- 2779 Top center of off shore rock. Off shore from old granite dump.
- 2895 Top center of channel rock.
- 2896 Top of ledge on N side of NW end of smaller Roberts Is. Not highest part of NW end. To E of highest pt. Has crack in rock to E of it.
- 2897 Top center of highest pt. of Roberts Is.
- 2898 Top of rock 30m. S of white ledge. At tip of grassline. N side of larger of Roberts Is.
- 2899 Top center of offshore rock. On SE tip of large Roberts Is.
- 2900 Top of large black rock on SE end of large Roberts Is.
- 2901 Top center of dome shaped ledge on SW end of little Roberts Is. Has black S side.
- 2902 Top of E part of Yellow Rock. It is at top of rock on ledge.
- 2903 Top of highest part of S end of Otter Is. Orange colored ledge.
- 2904 Top of large boulder on N side of bight on SW side of Otter Is.
- 2905 Base of lone 20 ft. spruce tree on W side of Otter Is. Another spruce tree and dead spruce tree to S.
- 2906 Top of boulder in bight in ledge on NW side of Otter Is. Has round shape. Grey color.
- 2907 Top of grey colored rock on N tip of Otter Is. 4 meters back in grass. Has black spot on N side.

HYDROGRAPHIC STATIONS

- 2908 Top of large rock on NE tip of Otter Is. Crevice in rock to S of it.
- 2909 Base of lone small spruce tree on E side of Otter Is. Stands 20 ft. tall.
- 2910 Top of brown long narrow rock on E side of Is. NE of bight. Has cracks along E side.
- 2911 Top of hump on brown colored ledge on SE side of Otter Is. Ledge has black spots on E side. Black spots in ledge directly in front of hump.
- 2912 Top of ledge on S side of Otter Is. Large crevice in rock to N of it. Ledge behind it is covered with black spots.
- 2913 Top of n'ly pt. of Buffalo Ledge. N'ly most rock.
- 2914 Top center of ledge on pt. on SW side of Little Brimstone.
- 2915 N tip of grass on Little Brimstone.
- 2916 Top of rock on W side of ledge in sand. On N side of second largest Little Brimstone.
- 2917 Top of jagged ledge on N side of third largest Little Brimstone.
- 2918 Top of S tip of ledge on E side of long ledge. Black flat like top. One large crack on top. Orange spots on top.
- 2919 Top of hump back ledge on S side of third largest Little Brimstone. Has large crevice to E of it. Little orange spot on side.
- 2920 Top of ledge on S side of second largest of Little Brimstone Is. Crevice in ledge to E of it.
- 2921 N tip of Eastern Ledge at M.L.
- 2922 Top of ledge on S side of Holden Ledge. Has large crack on S side. Black in color. Flat like top.
- 2923 Highest part of rock on S side of Brimstone and Sandy Beach.
- 2924 Top center of pt. on E side of Brimstone Is. Orange and white colored.
- 2925 Highest pt. of Diamond Rock.
- 2926 Base of smaller of two trees on NE side of Brimstone Is. 20 ft. tall.

HYDROGRAPHIC STATIONS

8030

- 2927 Base of tallest of two trees on NW side of Brimstone Is. 30 ft. tall.
- 2928 Top of offshore ledge on W side of Brimstone Is. Large round rock to E of it.
- 2929 Highest part of Shag Rock.
- 2930 Top of white rock on side of ledge. There is grass directly behind rock on ledge. On W side of Brimstone Is. Another white rock NE of it.
- 2931 SW tip of Brimstone Is. at HWL.
- 2932 Top of rock on ledge on SE side of Brimstone Is. 2 ft. crevice in ledge to W of rock.
- 2933 Top of ledge off northern part of Hay Is. Highest part of ledge.
- 2934 Top of ledge on NE end of Hay Is. SE of gravel beach. Is dark color. Points up at N end.
- 2935 Tip of pinnacle shaped rock on SE side of Hay Is.
- 2936 Top of large grey boulder on SW end of Hay Is.
- 2937 Top of light brown rock on NW side of Hay Is. Has black rock directly in front of it.
- 2938 Highest pt. of Middle Ledge.
- 2939 Highest part of ledge on E side of middle of Carvers Is. Has strips of grass on E side of it. Light colored ledge.
- 2940 Highest part of ledge off W of the SW tip of Carvers Is.
- 2941 Top of NE most of two boulders on W side of Carvers Is.
- 2942 Top of rock on ledge on NE tip of Carvers Is. Crevice in front of ledge. Largest of two rocks.
- 2943 Top center of ledge on largest pt. on SE side of Sheep Island. Highest part of point.
- 2944 Top of rock on SW tip of Sheep Is. Lot of loose rocks on shore behind it.
- 2945 Top of largest boulder on SW side of Sheep Is. On rocky beach.
- 2946 Top of light brown boulder on NW side of Sheen Is. Just to N of ledge.

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HYDROGRAPHIC STATIONS

- 2947 Top of boulder on NW end of Sheep Is. On grassline. Light brown colored.
- 2948 Base of E'ly of two spruce trees on NE end of Sheep Is.
- 2949 NE tip of black and brown ledge at HWL on E side of Sheep Is. Has 2 cracks on E side of it.
- 2950 Top of large ledge 47 meters from shoreline. Strip of grass on E side of it.
- 2951 Top of boulder on NE end of Sheep Is. 35 meters from shoreline. 8 ft. high.
- 2952 Highest part of Green Ledge.
- 2953 Base of lone spruce tree on NE end of rock pile. 10 ft. tall.
- 2954 Top of larger of two boulders at N end of rock pile. Bunch of alders directly behind it.
- 2955 Top of boulder on offshore ledge that has ring bolt in top of it.
- 2956 SE gable of 2 story white house. Has green trimmings. (Also re-524coverable topographic station.)
- 2957 N tip of offshore ledge at HWL. On SW side of cove. Has moss on top of it.
- 2958 E corner of granite retaining wall. N of old wooden retaining wall.
- 2959 Top of boulder on E side of gut. Has 2 spruce trees in back of it. Has black and orange spots on it.
- 2960 NE corner of S'n most pier on W side of cove.
- 2961 Top of offshore whaleback ledge on W side of cove. Has orange spots on top of it.
- 2962 S gable of highest section on large white 2 story house on Arey Neck. (Also recoverable topographic station.)
- 2963 NE corner of retaining wall on W side of Arey Cove. (granite)
- 2964 N end of group of 4 spruces. 10 meters from grassline. On W side of Arey Cove.
- 2965 S gable of 2 story white house at head of Arey Cove. Green trim-527mings. (Also recoverable topographic station.)
- 2966 Top of brown rock at end of rock pile. Has bolt in rock. On W side of cove. Red house in field behind it.

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HYDROGRAPHIC STATIONS

- 2967 Top of large black rock on W side of cove. Brown streaks through it.
- 2968 Top of brown boulder at N end at head of Arey Cove. Two smaller brown rocks behind it.
- 2969 Top center of large brown rock on NW side of cove near head. Two old buildings behind it.
- 2970 W gable of old plain barn at E side of head of cove. Has brown door on S side. No window on S side.
- 2971 Top of large black rock at MHWL. Tall spruce tree surrounded by rocks behind it. E side of cove.
- 2972 E tip of ledge at NW tip of Arey Neck at HWL.
- 2973 Top of brown rock on W side of Arey Neck. White streak on W side of it at middle of boulder.
- 2974 NW corner old log pier on W side of Arey Neck.
- 2975 Top of large rock at SW tip of Arey Neck. Large saddleback rock to W of it.
- 2976 Highest part of offshore ledge S of the SW tip of Arey Neck.
- 2977 Top of white rock on W side of Narrows Is. Spots of green moss on sides of it.
- 2978 Top of rock on grassline at NW end of Narrows Is.
- 2979 Base of lone 6 ft. spruce tree on E side of Narrows Is. Grey ledge in slope behind it.
- 2980 Top of rectangular shaped rock at MHWL. There is ledge and 25 ft. spruce tree directly behind it. On E side of Narrows Is.
- 2981 Base of lone 15 ft. spruce tree on E side of Narrows Is. Farthest S on E side of island.
- 2982 Top of offshore ledge at E side of Narrows Is. Has black spot on top. Farthest from island on SE side.
- 2983 Top of large brown boulder in bight on SE end of island. (largest rock)
- 2984 Top of highest ledge on S end of Narrows Is.
- 2985 Base of lone 20 ft. spruce tree on SW side of Narrows Is.
- 2986 Top of brown boulder on W side of island in bight. Comes to peak at top.

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HYDROGRAPHIC STATIONS

- 2987 Top of brown boulder on W side of island. Has low flat top. Field with little spruce trees directly behind it.
- 2988 Base of low flat top spruce tree at head of cove on W side of Narrows Is. 15 ft. tall.
- 2989 Top of black rock on S end of reef on little island on W side of Narrows Is.
- 2990 Top of largest rock at NW end of island on W side of Narrows Is.
- 2991 Top of high rock on S end of largest of Clam Ledges. Square shaped rock.
- 2992 S end of long narrow ledge on S end of Mitten Ledge.
- 2993 End of stone fence in field. On south side of Arey Neck. House in field to W of it.
- 2994 Top of large rock on end of pt. on SE end of Arey Neck. Largest rock at tip of point.
- 2995 Top of largest of 2 white boulders on E side of Arey Neck. Almost to NE tip of Arey Neck.
- 2996 Top of rock in head of cove. Has strips of grass on top. Light color.
- 2997 E gable of dark yellow house on Arey Neck.
- 2998 Base of clump of alders on SE side of cove. To SW of other alders.
- 2999 SW'ly section of S'ly rock in middle of cove.
- 3000 Top of light rock on island in middle of cove. Is dome shaped.
- 3001 Top of brown rock. Just in front of stone fence. Another brown rock NW 30 meters.
- 3002 Top of offshore rock.
- 3003 Base of lone spruce tree 8 ft. tall. Another lone spruce tree to W of it.
- 3004 Top of brown boulder on island. At narrow part of rocky pt.
- 3005 Top of whaleback rock on island. N of crevice.
- 3006 Top of largest rock on House Ledge.
- 3007 Top of highest rock on Point Ledge.

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HYDROGRAPHIC STATIONS

- 3008 Top of boulder. Is sort of brown color with some grey in it. Sits on shore of loose rocks.
- 3009 Top of boulder on NW end of ledge. Is light brown rock with black spots on it.
- 3010 Base of 1 ft. spruce in head of cove. Sits on top of ledge at grassline.
- 3012 Top of brown boulder. Is off shore at MHWL. On sand beach between stone fence and ledge.
- 3013 Top of high rock on pt. Is brown with black stripes.
- 3014 Base of 10 ft. spruce on grassline. Is surrounded by small spruces. In front of it are loose rocks and ledge.
- 3017 Top of offshore rock.
- 3066 Top of largest light colored boulder on SE side of Green Ledge.
- 3067 Highest part of Folly Ledge.
- 3068 Highest rock on N. side of E'ly of 2 Arey Ledges.
- 3069 Base of 10 ft. lone spruce on point. It is in grassland. Group of spruces behind (SE) it.
- 3070 Top of rock on point at mouth of cove. Has knob on top of it.
- 3071 Top of light grey rock. Has white stripe running through it almost corner to corner. Has a little grass at very top.
- 3072 Base of 10 ft. spruce tree W'most on point. Is rocky pt. Brown rock in front of it.
- 3073 Top of largest of two rocks 1 meter apart in head of cove. Is grey and brown color. Low flat ledge to E of it.
- 3074 Top of white rock near head of cove. Has black spots on top of it. Clump of alders directly behind it.
- 3075 Large boulder in bight in cove. It is quite long. Has black spots on it. At edge of trees.
- 3076 Base of most NE spruce on point.
- 3077 Top of offshore rock in cove.
- 3078 Top of large boulder on S side at mouth of cove. It is long and narrow. Ledge in front (N) of it has crack in it.

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HYDROGRAPHIC STATIONS

- 3079 Base of 6 ft. spruce tree on pt. At grassline.
- 3080 Top of large white boulder. Sits on pile of dark colored rocks. Largest light rock in this bight.
- 3081 Top of reddish brown colored ledge at mouth of bight. On pt. between two small bights.
- 3082 Top of large rock in front of white colored ledge. It is grey with brown color on top. Has slanting rock next to it.
- 3083 Base of 2 ft. spruce on pt. Thick clump of spruces behind it (N). Sits on light colored ledge.
- 3084 Base of most S'ly spruce in line of spruces on W side of rocky pt.
- 3085 Edge of grass directly behind (NNE) white stripe in ledge.
- 3086 Top of boulder in crack in ledge. It is directly in back of a brown boulder. Is grey in color.
- 3087 Top of white boulder at head of cove. It is boulder nearest grassline. Is round shaped. Boulder to SW and 2 boulders to S of signal.
- 3088 Top of large brown boulder in cove. There is a square shaped light rock behind it on shore.
- 3089 Highest part of offshore rock in cove.
- 3090 SE end of rock at H.L. on NE side of S'n most gravel beach. Has small rock at end of it.
- 3091 NE gable of boat house in cove. Has railway in front of it.
- 3092 N. end of perpendicular ledge on point. Is flat on top. 4 ft. high.
- 3093 Highest part of Herron Ledge.
- 3094 NE tip of point at H.L.
- 3095 SW corner of stone fence. On beach of loose stone.
- 3096 Highest part of offshore ledge. Has crack in top of it. Ledge in back of it is very high.
- 3097 Top of offshore rock. Has black mark around top. Rest of it is brown.
- 3098 Top of last rock out on point. Very large rock. Most NW'ly rock on point.

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HYDROGRAPHIC STATIONS

- 3099 Top of large brown flat rock at head of small cove. Has crooked crack going through middle of it.
- 3100 Top of large rock sitting in crevice between two ledges.
- 3101 Top of high ledge on small point. Comes to peak on top. Narrow gap in ledges to E of it. Large boulder on both sides of it.
- 3102 NW tip of high ledge at EWL. It slants off to the water.
- 3103 Top of boulder on sand beach in bight. Largest boulder on beach. Smaller rocks in front of it.
- 3104 Top of large rock at end of long narrow ledge. It is light brown color. Has dark brown strip across top. At head of cove.
- 3105 Top of round boulder. Sits on side of ledge. Ledge is flat.
- 3106 NW tip of grass on point.
- 3107 Top of largest of 2 rocks at head of bight. They are 1 ft. apart. One of them comes to peak at top.
- 3108 Base of 20 ft. lone spruce in bight. Has round boulder to E of it.
- 3109 Highest part of brown ledge. It is at mouth of bight on N side. Brown on top.
- 3110 Top of light boulder on grassline. Has crack on W side of it.
- 3111 Top of offshore ledge. Has flat like top. Brown color. Has black spots on it.
- 3112 Base of spruce tree on ledge. It is 15 ft. tall. Has crack in it. Crack in ledge down to water in front of it.
- 3113 Top of offshore rock. Between offshore ledge and mainland.
- 3114 N end of grass on offshore ledge. Ledge referred to in Signal 3113.
- 3115 Highest part of W end of ledge. It is long narrow ledge running out from shore. Brown color. Behind (E of) offshore rock referred to in Signal 3113.
- 3116 Top of square shaped boulder. Piles of granite on shore behind it. (E of)
- 3117 Highest part of highest ledge at W entrance to "The Reach".
- 3118 Base of lone 8 ft. spruce tree at edge of granite piling. There are 3 spruce trees almost in line along piling. This is middle one.

8030

HYDROGRAPHIC STATIONS

- 3119 N tip of ledge at head of bight at EML. In middle of head of bight.
- 3120 Highest part of ledge on point.
- 3121 Base of tallest of 3 spruces on side of ledge. Is 8 ft. tall. Ledge is long and slanting. Has grass on it.
- 3122 Top of boulder on point. Largest boulder on point.
- 3123 Top of light rock in grass. It has spot of grass on it.
- 3124 Top of light colored boulder. Largest lone boulder in that vicinity.
- 3125 Top of ledge. It has 2 high parts to it. Is low in middle. Cracks all through it.
- 3126 Top of large boulder in field. Largest boulder.
- 3127 Tip of ledge at EML. It is narrow at top. Telephone poles in trees back of it (SW).
- 3128 NE gable of small barn near shore. Large house in field behind it. House has white front.
- 3129 Top of light rock on offshore ledge.
- 3130 Top of largest boulder in bight.
- 3131 Top of brown rock. There is another smaller rock along side it. Has depression in front.
- 3132 Large white rock along side brown ledge. Spruce trees in back (N) of it. It is largest white rock.
- 3133 Top of section of rocks directly at head of cove. Rock in front has white stripe across it.
- 3134 Top of large grey rock. Another smaller rock E of it. On S side of cove near head.
- 3135 Top of rock on reef, It is NE of highest part of reef. Has flat like top.
- 3136 E gable of plain house. Has red roof. Flag pole to N of it.
- 3137 Highest part of S end of ledge. On W side of cove. Has 3 crevices on E side of it. Black on top.
- 3138 Large white boulder on W side of island. Largest light colored boulder on W side.

HYDROGRAPHIC STATIONS

8030

- 3139 Top of large white rock on back end rocky shore. It has small depression or hole in top of it. There are a lot of rocks here.
- 3140 Base of double lone spruce tree on point. It is in a field. 25 ft. high.
- 3141 Top of light rock. It sits in bunch of darker colored rocks on offshore ledge.
- 3142 Highest part of Green Island Knob.
- 3273 Top of large grey boulder in bight. It has another rock smaller than it at N end. Has black spots on it. Largest rock on E side of bight.
- 3274 Top of large boulder in cove. On head of land. Largest rock in that vicinity.
- 3274A Highest part of largest building on rounding peninsula head.
- 3275 Top of dome shaped rock in bunch of rocks. Is tallest rock in bunch. Light color.
- 3276 Top of rock in head of cove near rock bridge. In about middle of head of cove.
- 3338 Top center of offshore rock near head of cove. It is low wide rock.
- 3339 N tip of brush on point. At head of cove. On W side of bight.
- 3340 Top of offshore rock at high water in bight.
- 3341 Top of round like rock near head of bight. W side of bight.
- 3342 Top of low flat ledge at head of bight. At NE end.
- 3343 S tip of ledge on E side of bight at HWL. It has 2 cracks on N end of it. Near head.
- 3344 Top of most E'ly of two rocks in front of island at head of cove.
- 3345 Top of highest ledge just SW of rounding point. Highest of ledges on point.
- 3345 Base of 25 ft. bushy spruce tree on point. Most E'ly tree on pt.
- 3446 Top of first largest offshore ledge S of bridge.
- 3447 NW corner of most N'ly fish wharf. Is only pier on N side of neck.
- 3449 W gable of cottage. Has 2 chimneys-flag pole at N end of it. Has green roof-red on W side. (Also recoverable topographic station.)

524

HYDROGRAPHIC STATIONS

8030

- 3451 Top of boulder on point. Flat top. Largest rock on point.
- 3452 Base of 20 ft. bushy spruce on ledge. There are 2 rocks 3 ft. from SE end of it. 20 meters from shore.
- 3453 Base of most SW'ly spruce tree on point. 12 ft. tall.
- 3454 SE corner of granite wharf at W end of cove.
- 3455 Top of round boulder at end of long narrow point.
- 3456 SW corner of cellar hole. It is in field. Is SW field in Old Harbor.
- 3457 W gable of 2 story green house. Has white trim. At head of Old Harbor. (Also recoverable topographic station.) 524
- 3458 SW corner of pier. At N side of Old Harbor. Lobster house at N end of it. Small bungalow (white and green) 40 meters N of it.
- 3459 S gable of small shack on wharf. At head of harbor. Large ledge 15 meters NE of it. —
- 3460 Base of telephone pole on granite fill. The fill is made for a bridge. The pole is 20 ft. E of center of fill.
- 3461 N gable of large white house. (2 story) At E end of head of harbor. Has 2 white chimneys. —
- 3462 Top of large offshore rock in middle of harbor. N from small island.
- 3463 Top of light colored boulder in front of lobster house on E side of harbor. White house in field 50 meters E of it.
- 3464 Base of 20 ft. bushy spruce tree on E side of cove.
- 3465 Top center of ledge at N end of island in Old Harbor.
- 3466 Highest part of S end of ledge at S end of island.
- 3467 SW corner of wooden catwalk (very small pier). 4 cottages on bank 125 ft. from it. Corner farthest west.
- 3468 SW gable of white 2 story house. Has two chimneys. At W end of small bight. —
- 3469 Base of 30 ft. lone spruce tree on shore. SW from white house. Signal 3468 on side of bank.
- 3470 SW corner of wooden retaining wall in bight. It is on E side of bight. Barn on shore E of it.

HYDROGRAPHIC STATIONS

8030

- 3471 Base of 50 ft. spruce tree on shore. House (green and white) on bank N of it.
- 3472 SE gable of small lobster house in cove.
- 3473 W gable of large lobster house at head of cove. Has chimney on it.
- 3474 Base of 15 ft. spruce tree. In field between group of 3 spruce trees and large group of trees.
- 3475 Top of round like boulder on SE side of island. Brown and black color.
- 3476 Top of spindle. Has cask on bilge on top. (also recoverable topographic station and aid to navigation) *wreck Point Ben.* 524
- 3477 Base of 10 ft. spruce tree at end of crevice in ledge. 150 meters W of W entrance to Carvers Harbor.
- 3478 Base of 15 ft. spruce tree on W point at Carvers Harbor. There is round like boulder 6 meters NW of it.
- 3479 Base of 20 ft. spruce tree on tip of point.
- 3480 Top of S chimney on largest white house along Carvers Harbor. Stone chimney on S side of house. (Also triangulation station-LANE'S CAPT. HO. SO. CHY. 1868.)
- 3481 Base of 10 ft. bushy spruce tree on rounding point. It is 15 meters E of ledge on point. Small spruce to N of it.
- 3482 Top of offshore and only brown rock on E side of cove.
- 3483 Top of light colored rock on grassline.
- 3484 W end of N granite wall.
- 3485 W gable of small lobster house on E side of cove. There is blue and white house on hill E of it.
- 3486 SE gable of house on offshore ledge in cove.
- 3487 SW gable of small house at head of cove. W of bight on point.
- 3488 S tip of brush at head of cove.
- 3489 SE corner of pier. There is bridge 100 ft. N of it.
- 3490 SE gable of black boat house at head of cove. Has white door.
- 3491 S gable of white house. Has green trimmings. Red roof. Chimney at W end of it. Weather vane at E end.

✓
8030

HYDROGRAPHIC STATIONS

- 3492 Top of S end of offshore ledge.
- 3493 SE corner of bridge. Street goes from Lane Is. to Vinalhaven.
- 3494 W tip of brush on W tip of Island.
- 3495 NE tip of grass on ledge at HWL. It is prominent ledge.
- 3496 NE end of point at HWL.
- 3497 Center of grass patch on rock at end of grassy point.
- 3498 E tip of SW'ly of two ledges on N side of bight at HWL.
- 3499 Top of black rock in grassland. There is white rock 6 ft. SW of it. On rocky point.
- 3500 Top of largest boulder on sand beach. At N end of beach. Light colored.
- 3501 Top of light brown boulder on W side of cove near mouth. At N end of ledge.
- 3502 Top of largest boulder (5 ft. tall) on point. It is on grass-line.
- 3503 Highest part of ledge. Ledge is just E of rocky beach.
- 3504 Top of ledge at end of point. It is off shore. Largest offshore ledge on point.
- 3505 Base of most SW'ly spruce tree on E side of Carvers Harbor. There are 3 of them. 10 ft. tall. W of small white cottage.
- 3506 E gable of small house on Potato Is.
- 3507 Base of 35 ft. spruce tree on NW side of island N of Potato Is.
- 3508 Base of 25 ft. birch tree directly on point.
- 3509 Base of 15 ft. spruce tree on side of ledge at head of bight on S side of Sand Cove.
- 3510 SE tip of ledge at HWL. It is N of pile of granite. On point.
- 3511 SE corner of retaining wall on W side of Sand Cove.
- 3512 SE corner of retaining wall at head of Sand Cove.
- 3513 S gable of lobster house on N side of Sand Cove. It is black. There is a spot of tarred paper in the shingle roof on S side.

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HYDROGRAPHIC STATIONS

- 3514 Base of lone spruce tree on bight at E side of Sand Cove. In front of shack on bank. 20 ft. tall.
- 3515 Base of 20 ft. lone spruce tree at E side of head of bight. 50 ft. back from grassline.
- 3516 Top of highest offshore rock off point.
- 3517 Top of Mobile Gas sign at Mobile dock in Carvers Harbor.
- 3518 W gable of public landing building at head of Carvers Harbor.
- 3519 S gable of small white building at N end of head of harbor. Has door and window on E side. Across the street from Cascade Bowling Alley.
- 3520 SW corner of granite retaining wall. Is S from public landing. Has black and red buildings on it.
- 3521 NE end of pier on S side of harbor. Has red barn on it.
- 3522 NW corner of pier W from Signal 3521. Granite covered with boards.
- 3523 W gable of plain white house. Has black tips on chimneys. Small shed 100 ft. N of it. Flag pole N of it.
- 4202 E gable of small yellow building with brown trim.
- 4203 E gable of unpainted house at inshore end of pier. House is one story-white trim-yellow door.
- 4204 SW corner of E'ly of two piers.
- 4205 35 ft. lone spruce on top of bank. (Base of tree)
- 4206 Top center of largest boulder on point.
- 4207 Base of 50 ft. lone spruce tree.
- 4208 Base of 40 ft. lone spruce.
- 4209 E gable of tan colored house-one story. There is a green house just to SW.
- 4210 Top of large boulder just E of small bight.
- 4211 S gable of unpainted barn E of white house.
- 4212 Top of largest boulder on offshore ledge.
- 4213 Center of grass patch on NE end of island.

HYDROGRAPHIC STATIONS

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- 4214 Top of largest round boulder on SE side of rounding brushy point.
- 4215 N tip of grass on prominent point.
- 4216 Top of large white boulder. Smaller boulder WSW.
- 4217 N'y of three spruce trees on island.
- 4218 Lone 12 ft. spruce near SE end of old dam.
- BM 4 (1911) - Tidal. The mark is a brass plate set in the west face of rock about 50 feet south of Bench Mark 2. Elevation: 12.17 feet above mean low water; 7.48 feet above half tide level; 2.79 feet above mean high water.

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HYDROGRAPHIC STATIONS

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- 2754 Top of ledge on end of rocky pt. Is different in color than rest of ledge.
- 2755 Top center of rock farthest off shore. There is another rock directly behind it. Off shore 15 ft.
- 2756 Large boulder near grassline. Is rather light in color. Has two smaller rocks directly in front of it. One has small black spot on top.
- 2757 Top center of large whaleback ledge off shore. 15 m. Is dark in color. Quite ragged around edges. At end of small rocky point.
- 2758 Large round like boulder sitting on ledge. Only large boulder there.
- 2759 W and tallest chimney on large plain house. Has 3 dormers on S side. (Also recoverable topographic station.) 524
- 2760 Top center of a part of ledge. Has brown rock behind it.
- 2761 Top center of rock in middle of cove. Is dark on top.
- 2762 Light colored boulder sitting on greyish ledge. Is brown color on shore side rock.
- 2763 Top of large ledge. Is dark in color. Off shore at high water. At center rounding pt.
- 2764 Highest part of S most large ledge. Ledge just to N of it has a peaked point on N end.
- 2765 Bottom of grass on point. Point is round and rocky. Offshore ledge to NE of it.
- 2766 Top of N part of ledge. There is another offshore ledge to S of it.
- 2767 Top of S end of rock on N end of pt. Sits on sloping ledge.
- 2768 E gable of white house that has a green door. Flag pole on top.
- 2769 Top of rocky pt. at H.W.L. SE of signal 2768.
- 2770 SW corner of wooden pier. Has hand rail around it. Near large white house. (outer inshore end)
- 2771 Large dome shaped brown rock off rounding rocky pt.
- 2772 S corner of granite retaining wall. On N side of cove.

HYDROGRAPHIC STATIONS

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- 2773 Highest part of rocky pt. on left side of cove coming in.
- 2774 Large brown boulder on rocky pt. Cabin on grassline behind it. Another smaller boulder to S. of it.
- 2775 Top small rock-light colored. W of two rocks that are 1 meter apart.
- 2776 E gable of unpainted house at head of cove. Has two windows on S side. Chimney center of house. (Also recoverable topographic station.) 524
- 2777 Large 20 ft. blue spruce tree 3 meters from grassline. Birch tree to N of it.
- 2778 Highest part of brown colored ledge. Connects with grassline. Small lobster houses on shore behind it.
- 2779 Top center of off shore rock. Off shore from old granite dump.
- 2895 Top center of channel rock.
- 2896 Top of ledge on N side of NW end of smaller Roberts Is. Not highest part of N. end. To E of highest pt. Has crack in rock to E of it.
- 2897 Top center of highest pt. of Roberts Is.
- 2898 Top of rock 30m. S of white ledge. At tip of grassline. N side of larger of Roberts Is.
- 2899 Top center of offshore rock. On SE tip of large Roberts Is.
- 2900 Top of large black rock on SE end of large Roberts Is.
- 2901 Top center of dome shaped ledge on S. end of Little Roberts Is. Has black S side.
- 2902 Top of E part of Yellow Rock. It is at top of rock on ledge.
- 2903 Top of highest part of S end of Otter Is. Orange colored ledge.
- 2904 Top of large boulder on N side of light on S. side of Otter Is.
- 2905 Base of lone 20 ft. spruce tree on S side of Otter Is. Another spruce tree and dead spruce tree to S.
- 2906 Top of boulder in light in ledge on N. side of Otter Is. Has round shape. Grey color.
- 2907 Top of grey colored rock on N tip of Otter Is. 4 meters back in grass. Has black spot on S side.

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HYDROGRAPHIC STATIONS

- 2908 Top of large rock on NE tip of Otter Is. Crevice in rock to S of it.
- 2909 Base of lone small spruce tree on E side of Otter Is. Stands 20 ft. tall.
- 2910 Top of brown long narrow rock on E side of Is. NE of light. Has cracks along E side.
- 2911 Top of hump on brown colored ledge on SE side of Otter Is. Ledge has black spots on E side. Black spots in ledge directly in front of hump.
- 2912 Top of ledge on S side of Otter Is. Large crevice in rock to E of it. Ledge behind it is covered with black spots.
- 2913 Top of n'ly pt. of Buffalo ledge. N'ly most rock.
- 2914 Top center of ledge on pt. on SW side of Little Brimstone.
- 2915 N tip of grass on Little Brimstone.
- 2916 Top of rock on E side of ledge in sand. On N side of second largest Little Brimstone.
- 2917 Top of jagged ledge on N side of third largest Little Brimstone.
- 2918 Top of S tip of ledge on E side of long ledge. Black flat like top. One large crack on top. Orange spots on top.
- 2919 Top of hump back ledge on S side of third largest Little Brimstone. Has large crevice to E of it. Little orange spot on side.
- 2920 Top of ledge on S side of second largest of Little Brimstone Is. Crevice in ledge to E of it.
- 2921 N tip of Eastern Ledge at EL.
- 2922 Top of ledge on S side of Holden Ledge. Has large crack on S side. Black in color. Flat like top.
- 2923 Highest part of rock on S side of Brimstone and Sandy beach.
- 2924 Top center of pt. on E side of Brimstone Is. Orange and white colored.
- 2925 Highest pt. of Diamond rock.
- 2926 Base of smaller of two trees on E side of Brimstone Is. 20 ft. tall.

HYDROGRAPHIC STATIONS

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- 2927 Base of tallest of two trees on N. side of Frimstone Is. 30 ft. tall.
- 2928 Top of offshore ledge on W. side of Frimstone Is. Large round rock to E of it.
- 2929 Highest part of Shag Rock.
- 2930 Top of white rock on side of ledge. There is grass directly behind rock on ledge. On W. side of Frimstone Is. Another white rock NE of it.
- 2931 S. tip of Frimstone Is. at H.I.
- 2932 Top of rock on ledge on SE side of Frimstone Is. 2 ft. crevice in ledge to W of rock.
- 2933 Top of ledge off northern part of Hay Is. Highest part of ledge.
- 2934 Top of ledge on NE end of Hay Is. SE of gravel beach. Is dark color. Points up at N end.
- 2935 Tip of pinnacle shaped rock on SE side of Hay Is.
- 2936 Top of large grey boulder on S. end of Hay Is.
- 2937 Top of light brown rock on N. side of Hay Is. Has black rock directly in front of it.
- 2938 Highest pt. of Middle Ledge.
- 2939 Highest part of ledge on W. side of middle of Carvers Is. Has stripe of grass on W. side of it. Light colored ledge.
- 2940 Highest part of ledge off W. of the S. tip of Carvers Is.
- 2941 Top of NE most of two boulders on W. side of Carvers Is.
- 2942 Top of rock on ledge on NE tip of Carvers Is. Crevice in front of ledge. Largest of two rocks.
- 2943 Top center of ledge on largest pt. on SE side of Sheen Island. Highest part of point.
- 2944 Top of rock on S. tip of Sheen Is. Lot of loose rocks on shore behind it.
- 2945 Top of largest boulder on SW side of Sheen Is. On rocky beach.
- 2946 Top of light brown boulder on NW side of Sheen Is. Just to E of ledge.

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HYDROGRAPHIC STATIONS

- 2947 Top of boulder on E end of Sheen Is. On grassline. Light brown colored.
- 2948 Base of Ely of two spruce trees on NE end of Sheen Is.
- 2949 NE tip of black and brown ledge at H.L. on N side of Sheen Is. Has 2 cracks on E side of it.
- 2950 Top of large ledge 47 meters from shoreline. Strip of grass on E side of it.
- 2951 Top of boulder on NE end of Sheen Is. 35 meters from shoreline. 8 ft. high.
- 2952 Highest part of Green Ledge.
- 2953 Base of lone spruce tree on NE end of rock pile. 10 ft. tall.
- 2954 Top of larger of two boulders at E end of rock pile. Bunch of alders directly behind it.
- 2955 Top of boulder on offshore ledge that has ring bolt in top of it.
- 2956 SE gable of 2 story white house. Has green trimmings. (Also recoverable topographic station.) 3724
- 2957 N tip of offshore ledge at H.L. On N side of cove. Has moss on top of it.
- 2958 E corner of granite retaining wall. N of old wooden retaining wall.
- 2959 Top of boulder on E side of gut. Has 2 spruce trees in back of it. Has black and orange spots on it.
- 2960 NE corner of 3rd most pier on N side of cove.
- 2961 Top of offshore whaleback ledge on N side of cove. Has orange spots on top of it.
- 2962 S gable of highest section on large white 2 story house on Arey Leck. (Also recoverable topographic station.)
- 2963 NE corner of retaining wall on W side of Arey Cove. (granite)
- 2964 N end of group of 4 spruces. 10 meters from grassline. On N side of Arey Cove.
- 2965 S gable of 2 story white house at head of Arey Cove. Green trimmings. (Also recoverable topographic station.) 3729
- 2966 Top of brown rock at end of rock pile. Has bolt in rock. On N side of cove. Red house in field behind it.

HYDROGRAPHIC STATIONS

- 2967 Top of large black rock on W side of cove. Brown streaks through it.
- 2968 Top of brown boulder at N end at head of Arey cove. Two smaller brown rocks behind it.
- 2969 Top center of large brown rock on NW side of cove near head. Two old buildings behind it.
- 2970 A gable of old plain barn at E side of head of cove. Has brown door on S side. No window on S side.
- 2971 Top of large black rock at H.M.L. Tall spruce tree surrounded by rocks behind it. E side of cove.
- 2972 A tip of ledge at NW tip of Arey Neck at H.M.L.
- 2973 Top of brown rock on W side of Arey Neck. White streak on E side of it at middle of boulder.
- 2974 N. corner old log pier on W side of Arey Neck.
- 2975 Top of large rock at S. tip of Arey Neck. Large saddleback rock to W of it.
- 2976 Highest part of offshore ledge S of the S. tip of Arey Neck.
- 2977 Top of white rock on W side of Narrows Is. Spots of green moss on sides of it.
- 2978 Top of rock on grassline at NW end of Narrows Is.
- 2979 Base of lone 6 ft. spruce tree on E side of Narrows Is. Grey ledge in slope behind it.
- 2980 Top of rectangular shaped rock at H.M.L. There is ledge and 25 ft. spruce tree directly behind it. On E side of Narrows Is.
- 2981 Base of lone 15 ft. spruce tree on E side of Narrows Is. Farthest S on E side of island.
- 2982 Top of offshore ledge at E side of Narrows Is. Has black spot on top. Farthest from island on SE side.
- 2983 Top of large brown boulder in sight on SE end of island. (largest rock)
- 2984 Top of highest ledge on S end of Narrows Is.
- 2985 Base of lone 20 ft. spruce tree on S. side of Narrows Is.
- 2986 Top of brown boulder on W side of island in sight. Comes to peak at top.

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HYDROGRAPHIC STATIONS

- 2987 Top of brown boulder on W side of island. Has low flat top. Field with little spruce trees directly behind it.
- 2988 Base of low flat top spruce tree at head of cove on W side of Narrows Is. 15 ft. tall.
- 2989 Top of black rock on S end of reef on little island on W side of Narrows Is.
- 2990 Top of largest rock at NW end of island on W side of Narrows Is.
- 2991 Top of high rock on S end of largest of Clam Ledges. Square shaped rock.
- 2992 S end of long narrow ledge on S end of Mitten Ledge.
- 2993 End of stone fence in field. On south side of Arey Neck. House in field to W of it.
- 2994 Top of large rock on end of pt. on SE end of Arey Neck. Largest rock at tip of point.
- 2995 Top of largest of 2 white boulders on E side of Arey Neck. Almost to NE tip of Arey Neck.
- 2996 Top of rock in head of cove. Has strins of grass on top. Light color.
- 2997 E gable of dark yellow house on Arey Neck.
- 2998 Base of clump of alders on SE side of cove. To SW of other alders.
- 2999 SW'ly section of S'ly rock in middle of cove.
- 3000 Top of light rock on island in middle of cove. Is dome shaped.
- 3001 Top of brown rock. Just in front of stone fence. Another brown rock NW 30 meters.
- 3002 Top of offshore rock.
- 3003 Base of lone spruce tree 8 ft. tall. Another lone spruce tree to W of it.
- 3004 Top of brown boulder on island. At narrow part of rocky pt.
- 3005 Top of whaleback rock on island. N of crevice.
- 3006 Top of largest rock on House Ledge.
- 3007 Top of highest rock on Point Ledge.

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HYDROGRAPHIC STATIONS

- 3008 Top of boulder. Is sort of brown color with some gray in it. Sits on shore of loose rocks.
- 3009 Top of boulder on N end of ledge. Is light brown rock with black spots on it.
- 3010 Base of 1 ft. spruce in head of cove. Sits on top of ledge at grassline.
- 3012 Top of brown boulder. Is off shore at L.H.L. On sand beach between stone fence and ledge.
- 3013 Top of high rock on pt. Is brown with black stripes.
- 3014 Base of 10 ft. spruce on grassline. Is surrounded by small spruces. In front of it are loose rocks and ledge.
- 3017 Top of offshore rock.
- 3066 Top of largest light colored boulder on SE side of Green Ledge.
- 3067 Highest part of Folly Ledge.
- 3068 Highest rock on N side of N.W. of 2 Arev Ledges.
- 3069 Base of 10 ft. lone spruce on point. It is in grassland. Group of spruces behind (SE) it.
- 3070 Top of rock on point at mouth of cove. Has knob on top of it.
- 3071 Top of light grey rock. Has white stripe running through it almost corner to corner. Has a little grass at very top.
- 3072 Base of 10 ft. spruce tree almost on point. Is is rocky pt. Brown rock in front of it.
- 3073 Top of largest of two rocks 1 meter apart in head of cove. Is grey and brown color. Low flat ledge to E of it.
- 3074 Top of white rock near head of cove. Has black spots on top of it. Clump of alders directly behind it.
- 3075 Large boulder in right in cove. It is quite long. Has black spots on it. At edge of trees.
- 3076 Base of most NE spruce on point.
- 3077 Top of offshore rock in cove.
- 3079 Top of large boulder on S side at mouth of cove. It is long and narrow. Ledge in front (N) of it has crack in it.

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HYPERBOLIC STATIONS

- 3079 Base of 8 ft. spruce tree on pt. at crossline.
- 3080 Top of large white boulder. Sits on pile of dark colored rocks. Largest light rock in this sight.
- 3081 Top of reddish brown colored ledge at south of light. On pt. between the small lights.
- 3082 Top of large rock in front of white colored ledge. It is grey with brown color on top. As slanting rock next to it.
- 3083 Base of 7 ft. spruce on pt. Thick clump of spruces behind it (1). Sits on light colored ledge.
- 3084 Base of most S'ly spruce in line of spruces on side of rocky pt.
- 3085 Edge of grass directly behind (N.W.) white stripe in ledge.
- 3086 Top of boulder in crack in ledge. It is directly in back of a brown boulder. Is grey in color.
- 3087 Top of white boulder at head of cove. It is boulder nearest crossline. Is round shaped. Boulder to S. and 2 boulders to S of signal.
- 3088 Top of large brown boulder in cove. There is a square shaped light rock behind it on shore.
- 3089 Highest part of offshore rock in cove.
- 3090 SE end of rock at N.L. on NE side of S'n most gravel beach. As small rock at end of it.
- 3091 NE cable of boat house in cove. Has railing in front of it.
- 3092 E end of perpendicular ledge on point. Is flat on top. 4 ft. high.
- 3093 Highest part of Terror Ledge.
- 3094 Location of point at N.L.
- 3095 SW corner of stone fence. On beach of loose stone.
- 3096 Highest part of offshore ledge. As crack in top of it. Ledge in back of it is very high.
- 3097 Top of offshore rock. Has black mark around top. Rest of it is brown.
- 3098 Top of last rock out on point. Very large rock. Most N'ly rock on point.

HYDROGRAPHIC STATIONS

- 3099 Top of large brown flat rock at head of small cove. Has crooked crack going through middle of it.
- 3100 Top of large rock sitting in crevice between two ledges.
- 3101 Top of high ledge on small point. Comes to peak on top. Narrow gap in ledges to E of it. Large boulder on both sides of it.
- 3102 N. tip of high ledge at H.L. It slants off to the water.
- 3103 Top of boulder on sand beach in bight. Largest boulder on beach. Smaller rocks in front of it.
- 3104 Top of large rock at end of long narrow ledge. It is light brown color. Has dark brown strip across top. At head of cove.
- 3105 Top of round boulder. Sits on side of ledge. Ledge is flat.
- 3106 N. tip of grass on point.
- 3107 Top of largest of 2 rocks at head of bight. They are 1 ft. apart. One of them comes to peak at top.
- 3108 Base of 20 ft. lone spruce in bight. Has round boulder to E of it.
- 3109 Highest part of brown ledge. It is at mouth of bight on E side. Brown on top.
- 3110 Top of light boulder on grassline. Has crack on N side of it.
- 3111 Top of offshore ledge. Has flat like top. Brown color. Has black spots on it.
- 3112 Base of spruce tree on ledge. It is 15 ft. tall. Has crack in it. Crack in ledge down to water in front of it.
- 3113 Top of offshore rock. Let seen offshore ledge and mainland.
- 3114 E end of grass on offshore ledge. Ledge referred to in Signal 3113.
- 3115 Highest part of E end of ledge. It is long narrow ledge running out from shore. Brown color. Behind (E of) offshore rock referred to in Signal 3113.
- 3116 Top of square shaped boulder. Tiles of granite on shore behind it. (E of)
- 3117 Highest part of highest ledge at N entrance to "The Reach".
- 3118 Base of lone 8 ft. spruce tree at edge of granite lining. There are 3 spruce trees almost in line along lining. This is middle one.

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HYDROGRAPHIC STATIONS

- 3119 N tip of ledge at head of bight at H.L. In middle of head of bight.
- 3120 Highest part of ledge on point.
- 3121 Base of tallest of 3 spruces on side of ledge. Is 8 ft. tall. Ledge is long and slanting. Has grass on it.
- 3122 Top of boulder on point. Largest boulder on point.
- 3123 Top of light rock in grass. It has spot of grass on it.
- 3124 Top of light colored boulder. Largest lone boulder in that vicinity.
- 3125 Top of ledge. It has 2 high parts to it. Is low in middle. Cracks all through it.
- 3126 Top of large boulder in field. Largest boulder.
- 3127 Tip of ledge at H.L. It is narrow at top. Telephone poles in trees back of it (Sw).
- 3128 NE gable of small barn near shore. Large house in field behind it. House has white front.
- 3129 Top of light rock on offshore ledge.
- 3130 Top of largest boulder in bight.
- 3131 Top of brown rock. There is another smaller rock along side it. Has depression in front.
- 3132 Large white rock along side brown ledge. Spruce trees in back (N) of it. It is largest white rock.
- 3133 Top of section of rocks directly at head of cove. Rock in front has white stripe across it.
- 3134 Top of large grey rock. Another smaller rock E of it. On S side of cove near head.
- 3135 Top of rock on reef, it is NE of highest part of reef. Has flat like top.
- 3136 E gable of main house. Has red roof. Flag pole to E of it.
- 3137 Highest part of E end of ledge. On S side of cove. Has 3 crevices on E side of it. Black on top.
- 3138 Large white boulder on W side of island. Largest light colored boulder on W side.

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HYDROGRAPHIC STATIONS

- 3139 Top of large white rock on back end rocky shore. It has small depression or hole in top of it. There are a lot of rocks here.
- 3140 Base of double cone spruce tree on point. It is in a field. 25 ft. high.
- 3141 Top of light rock. It sits in bunch of darker colored rocks on offshore ledge.
- 3142 Highest part of Green Island knob.
- 3273 Top of large grey boulder in bight. It has another rock smaller than it at N end. Has black spots on it. Largest rock on E side of bight.
- 3274 Top of large boulder in cove. On head of land. Largest rock in that vicinity.
- 3274A Finest part of largest building on rounding peninsula head.
- 3275 Top of dome shaped rock in bunch of rocks. Is tallest rock in bunch. Light color.
- 3276 Top of rock in head of cove near rock bridge. In about middle of head of cove.
- 3338 Top center of offshore rock near head of cove. It is low wide rock.
- 3339 N tip of brush on point. At head of cove. On W side of bight.
- 3340 Top of offshore rock at high water in bight.
- 3341 Top of round like rock near head of bight. S side of bight.
- 3342 Top of low flat ledge at head of bight. At NE end.
- 3343 S tip of ledge on E side of bight at H.L. It has 2 cracks on N end of it. Near head.
- 3344 Top of most E'ly of two rocks in front of island at head of cove.
- 3345 Top of highest ledge just S. of rounding point. Highest of ledges on point.
- 3445 Base of 25 ft. bushy spruce tree on point. Most E'ly tree on pt.
- 3446 Top of first largest offshore ledge S of bridge.
- 3447 NW corner of most N'ly fish wharf. Is only pier on N side of neck.
- 3449 W gable of cottage. Has 2 chimneys-flag pole at W end of it. Has green roof-red on E side. (Also recoverable topographic station.)

HYDROGRAPHIC STATIONS

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- 3451 Top of boulder on point. Flat top. Largest rock on point.
- 3452 Base of 20 ft. bushy spruce on ledge. There are 2 rocks 3 ft. from SE end of it. 20 meters from shore.
- 3453 Base of most S. ly spruce tree on point. 12 ft. tall.
- 3454 SE corner of granite wharf at E end of cove.
- 3455 Top of round boulder at end of long narrow point.
- 3456 SW corner of cellar hole. It is in field. Is S field in Old Harbor.
- 3457 E gable of 2 story green house. Has white trim. At head of Old Harbor. (Also recoverable topographic station.) 524
- 3458 SW corner of pier. At E side of Old Harbor. Lobster house at N end of it. Small bungalow (white and green) 40 meters N of it.
- 3459 S gable of small shack on wharf. At head of harbor. Large ledge 15 meters NE of it.
- 3460 Base of telephone pole on granite fill. The fill is made for a bridge. The pole is 20 ft. E of center of fill.
- 3461 N gable of large white house. (2 story) At E end of head of harbor. Has 2 white chimneys.
- 3462 Top of large offshore rock in middle of harbor. N from small island.
- 3463 Top of light colored boulder in front of lobster house on E side of harbor. White house in field 50 meters E of it.
- 3464 Base of 20 ft. bushy spruce tree on E side of cove.
- 3465 Top center of ledge at N end of island in Old Harbor.
- 3466 Highest part of S end of ledge at S end of island.
- 3467 SW corner of wooden catwalk (very small pier). 4 cottages on bank 125 ft. from it. Corner farthest west.
- 3468 SW gable of white 2 story house. Has two chimneys. At E end of small bight.
- 3469 Base of 30 ft. lone spruce tree on shore. SW from white house. Signal 3468 on side of bank.
- 3470 SW corner of wooden retaining wall in bight. It is on E side of bight. Barn on shore E of it.

HYDROGRAPHIC STATIONS

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- 3471 Base of 50 ft. spruce tree on shore. House (green and white) on bank N of it.
- 3472 SE gable of small lobster house in cove.
- 3473 W gable of large lobster house at head of cove. Has chimney on it.
- 3474 Base of 15 ft. spruce tree. In field between group of 3 spruce trees and large group of trees.
- 3475 Top of round like boulder on SE side of island. Brown and black color.
- 3476 Top of spindle. Has cask on bilge on top. (also recoverable topographic station and aid to navigation) *Wreck Point* 524
- 3477 Base of 10 ft. spruce tree at end of crevice in ledge. 150 meters W of W entrance to Carvers Harbor.
- 3478 Base of 15 ft. spruce tree on W point at Carvers Harbor. There is round like boulder 6 meters N of it.
- 3479 Base of 20 ft. spruce tree on tip of point.
- 3480 Top of S chimney on largest white house along Carvers Harbor. Stone chimney on S side of house. (Also triangulation station-LAKE'S CAPT. H.O. SO. CHY. 1868.)
- 3481 Base of 10 ft. bushy spruce tree on rounding point. It is 15 meters E of ledge on point. Small spruce to N of it.
- 3482 Top of offshore and only brown rock on E side of cove.
- 3483 Top of light colored rock on grassline.
- 3484 W end of N granite wall.
- 3485 W gable of small lobster house on E side of cove. There is blue and white house on hill E of it.
- 3486 SE gable of house on offshore ledge in cove.
- 3487 SW gable of small house at head of cove. W of light on point.
- 3488 S tip of brush at head of cove.
- 3489 SE corner of pier. There is bridge 100 ft. N of it.
- 3490 SE gable of black boat house at head of cove. Has white door.
- 3491 S cable of white house. Has green trim in s. Red roof. Chimney at W end of it. Weather vane at E end.

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HYDROGRAPHIC STATIONS

- 3492 Top of S end of offshore ledge.
- 3493 SE corner of bridge. Street goes from Lane Is. to Vinalhaven.
- 3494 W tip of brush on W tip of Island.
- 3495 NE tip of grass on ledge at H.L. It is prominent ledge.
- 3496 NE end of point at HWL.
- 3497 Center of grass patch on rock at end of grassy point.
- 3498 E tip of SW'ly of two ledges on N side of bight at HWL.
- 3499 Top of black rock in grassland. There is white rock 6 ft. SW of it. On rocky point.
- 3500 Top of largest boulder on sand beach. At W end of beach. Light colored.
- 3501 Top of light brown boulder on W side of cove near mouth. At W end of ledge.
- 3502 Top of largest boulder (5 ft. tall) on point. It is on grass-line.
- 3503 Highest part of ledge. Ledge is just E of rocky beach.
- 3504 Top of ledge at end of point. It is off shore. Largest offshore ledge on point.
- 3505 Base of most SW'ly spruce tree on E side of Carvers Harbor. There are 3 of them. 10 ft. tall. W of small white cottage.
- 3506 E gable of small house on Potato Is.
- 3507 Base of 35 ft. spruce tree on N. side of island W of Potato Is.
- 3508 Base of 25 ft. birch tree directly on point.
- 3509 Base of 15 ft. spruce tree on side of ledge at head of bight on S side of Sand Cove.
- 3510 SE tip of ledge at H.L. It is N of pile of granite. On point.
- 3511 SE corner of retaining wall on W side of Sand Cove.
- 3512 SE corner of retaining wall at head of Sand Cove.
- 3513 S gable of lobster house on W side of Sand Cove. It is black. There is a spot of tarred paper in the shingle roof on S side.

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HYDROGRAPHIC STATIONS

- 3514 Base of lone spruce tree on bight at E side of Sard Cove. In front of shack on bank. 20 ft. tall.
- 3515 Base of 20 ft. lone spruce tree at W side of head of bight. 50 ft. back from grassline.
- 3516 Top of highest offshore rock off point.
- 3517 Top of Mobile Gas sign at Mobile dock in Servers Harbor.
- 3518 W gable of public landing building at head of Servers Harbor.
- 3519 S gable of small white building at E end of head of harbor. Has door and window on E side. Across the street from Cascade Bowling Alley.
- 3520 SW corner of granite retaining wall. Is S from public landing. Has black and red buildings on it.
- 3521 N. end of pier on S side of harbor. Has red barn on it.
- 3522 N. corner of pier N. from Signal 3521. Granite covered with boards.
- 3523 W gable of plain white house. Has black tins on chimneys. Small shed 100 ft. N. of it. Along pole N. of it.
- 4202 E gable of small yellow building with brown trim.
- 4203 E gable of unpainted house at inshore end of pier. House is one story-white trim-yellow door.
- 4204 SW corner of E'ly of two piers.
- 4205 35 ft. lone spruce on top of bank. (Base of tree)
- 4206 Top center of largest boulder on point.
- 4207 Base of 50 ft. lone spruce tree.
- 4208 Base of 40 ft. lone spruce.
- 4209 E gable of tan colored house-one story. There is a green house just to SW.
- 4210 Top of large boulder just E of small bight.
- 4211 S gable of unpainted barn E of white house.
- 4212 Top of largest boulder on offshore ledge.
- 4213 Center of grass patch on NE end of island.

HYDROGRAPHIC STATIONS

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4214 Top of largest round boulder on SE side of rounding brushy point.

4215 N tip of grass on prominent point.

4216 Top of large white boulder. Smaller boulder S..

4217 Nly of three spruce trees on island.

4218 Lone 12 ft. spruce near SE end of old dam.

BM 4 (1911) - Tidal. The mark is a brass plate set in the west face of rock about 50 feet south of Bench Mark 2. Elevation: 12.17 feet above mean low water; 7.48 feet above half tide level; 2.79 feet above mean high water.

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DIVISION OF PHOTOGRAMMETRY
Review Report of
Shoreline Map Manuscript T-8030

Subject numbers not used in this review report have been adequately covered in other parts of the descriptive report or do not apply.

28. DELINEATION

Numerous corrections have been made to the shoreline. (Review for T-5622 explains the need for the extensive changes throughout this area.)

Off-shore features are incomplete because the high stage of tide made many of them not visible on the photographs and because field inspection did not indicate them. The current hydrographic survey will furnish the necessary corrections and additions.

43. COMPARISON WITH PREVIOUS TOPOGRAPHIC SURVEYS

T-1093	1/10000	1868
T-1157 a, b	1/10000	1870-71

The present survey supersedes the older surveys for the areas in common with the map manuscript, except for contours, fence lines, interior land details, and low water features.

46. APPLICATION TO NAUTICAL CHARTS:

This survey has been partially applied to chart No. 309. Nautical Charts has been notified that there have been numerous changes to the shoreline since the application.

Reviewed by:

Jack Rahn
Jack Rahn, 27 Feb. 1946

Under the direction of

S. V. Griffith
Chief, Review Section *K.H.*

APPROVED BY:

S. V. Griffith, for B. G. Jones
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Chief, Div. of Photogrammetry

H. C. Edmister
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Division of Charts

K. T. Adams
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W. M. Sciffe
Chief, Div. of Coastal Surveys.

NAUTICAL CHARTS BRANCH

SURVEY NO. *T-8030*

Record of Application to Charts

[illegible]

M-2168.1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.