

8031

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
(Shore Line)

Field No. _____ Office No. T-8031

LOCALITY

State Maine

General locality East Penobscot Bay

Locality Vinalhaven Island - Long Island -
Calderwood Neck

194 4

CHIEF OF PARTY

Fred. L. Peacock

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DATE June 7, 1948

B-1870-1 (1)++

8031

DATA RECORD

Form T-1

T- 8031

Quadrangle (II): Vinalhaven, Maine
(15') (U.S.G.S.) East Central Portion

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

Field Office:
Air Photographic Party No. 2

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. of Photogram. Office Files

Completed survey received in office: 8/1/44

Reported to Nautical Chart Section: 8/21/44

Reviewed: *R.N. Maher 3/4/47*

Applied to chart No. 309

Date: 11/6/45 DHB
10/23/46 FMA

Redrafting Completed:

Registered: *May*
*25 March 1948*Published: *Shoreline (Vault copy only)*

Compilation Scale: 1:9,700

Published Scale: 1:10,000

Scale Factor (III): 1.0309

Geographic Datum (III): N. A. 1927

Datum Plane (III): Mean Sea Level

Reference Station (III): STARBOARD ROCK, 1868, r.1934, 1943

Lat.: 44° 05' 39.254" (1211.6m) Long.: 68° 49' 23.731" (527.9m) Adjusted
~~Unadjusted~~

State Plane Coordinates (VI): *East Zone*

X =

Y =

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
7313-7317 Incl.	10/22/41	10:17 A.M.	1:10,000	10.3' above M.L.W. }
7263-7265 Incl.	10/21/41	11:20 A.M.	1:10,000	11.1' above M.L.W. }
6897-6900 Incl.	10/19/41	11:10 A.M.	1:10,000	8.0' above M.L.W.
6891-6892 Incl.	10/19/41	11:10 A.M.	1:10,000	8.0' above M.L.W.

Tide from (III): Table of predicted tides - reference station - Portland, Maine,
with corrections for Iron Point, North Haven Island

Mean Range: 9.5' Spring Range: 10.8'

Camera: (Kind or source) U. S. Coast & Geodetic Survey 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 previously submitted)

Field Edit by: *None* date:

Date of Mean High-Water Line Location (III): Same as date of field inspection

Projection and Grids ruled by (III) BRC-JTB-PJH- date: 2/3/44
(Washington Office)

" " " checked by: RJT (Washington Office) date: 2/5/44

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

Control checked by: J. E. Sunderland date: 2/10/44

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

Detailed by: James L. Harris (shore line) date: 6/6/44 to 7/31/44

Reviewed in compilation office by: A. C. Rauck, Jr. date: 7/19/44 to 7/31/44

Elevations on Field Edit Sheet
checked by: date:

STATISTICS (III)

Land Area (Sq. Statute Miles); 6

Shoreline (More than 200 meters to opposite shore); 37 Statute miles

Shoreline (Less than 200 meters to opposite shore); 13 Statute miles

Number of Recoverable Topographic Stations established; 18

Number of Temporary Hydrographic Stations located by radial plot; 453

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;

26 CONTROL:

Four U. S. Coast and Geodetic Survey Triangulation Stations were recovered and identified on the 1:10,000 field photographs by the Field Inspection Unit, all of which fall within the limits of this Map Drawing. They are:

ISLE AU HAUT MOUNTAIN, 1868, r.1934, 1942, 1943
STARBOARD ROCK, 1868, r.1934, 1943
AMES, 1902, r.1934, 1943
COOMBS HILL, 1861, r.1934, 1943

The Field Inspection Unit established field inspection stations at well defined points near each of the three following triangulation stations. They are:

ISLE AU HAUT MOUNTAIN, 1868, r.1934, 1942, 1943
(F.I.P. "Isle")
STARBOARD ROCK, 1868, r.1934, 1943 (F.I.P. "Board"
and F.I.P. "Star")
COOMBS HILL, 1861, r.1934, 1943 (F.I.P. "Coomb")

The field inspection stations are shown on the Map Drawing with a small square in black acid ink.

All of the above triangulation 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 radial plot was laid for the area of Map Drawing, Survey No. T-8031. No celluloid templets were used, the photographs being oriented directly under the Map Drawing Projection. The results obtained were satisfactory. The facts pertaining to the plot have been fully brought out in the report on the individual radial plots for the areas of Surveys Nos.T-8022 to

27 RADIAL PLOT: (Continued)

T-8025, Inclusive, and T-8030 to T-8033, Inclusive, contained in the appendix of the descriptive report for Map Drawing Survey No. T-8030, which was submitted to the Washington Office on July 26, 1944.

28 DETAILING:

The shore line and immediate adjacent culture, which lie within the limits of this Map Drawing, have 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.

Upon close examination of the field photographs, by the compiler, it was evident that a very thorough field inspection of the Mean High-Water Line and the outer limits of low wet land at Mean High-Water had been accomplished. It was therefore, deemed unnecessary to transfer this shore line data to the office photographs. Minor detail points and secondary control points, which had been radially plotted by use of the office photographs, were pricked on the field inspection photograph on which the shore line data was shown. The shore line data was then detailed on the Map Drawing directly from the field photograph on which it appeared.

The number of photographs covering the area of this Map Drawing was sufficient for detailing. The scales of the photographs and the Map Drawing were in good agreement.

In the Southeastern area of the Map Drawing, in the vicinity of Brown Island, Stoddart Island, and Smith Island, it was possible to obtain two radial cuts only, to a number of minor detail points. These radial cuts were carefully verified and it is believed that the positions of the detail points obtained are within the limits of required accuracy.

All roads and buildings in the area of this Map Drawing immediately adjacent to the shore line, have been detailed. All roads were classified by the Field

28 DETAILING: (Continued)

Inspection Unit, except some minor roads which are believed to be trails. These have been shown with a single dashed line in black acid ink.

The tree and brush areas shown on this Map Drawing were not fully classified by the Field Inspection Unit. The areas not classified have been shown with symbols, after careful examination of the office photographs and comparison with other classified areas of similar appearance.

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

Various floats were indicated by field inspection data, but due to their temporary nature were not included on 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.

The approximate outer limits of shoal areas bordering offshore rocks awash, reefs, and ledges, have been shown on the Map Drawing with a dashed, light-weight, black acid ink line, in accordance with the field inspection data.

32 DETAILS OFFSHORE FROM THE HIGH-WATER LINE:

Rocks, reefs and other offshore features indicated by the field inspection data, have been shown on the Map Drawing with the conventional symbols and 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 SHORE LINE STRUCTURES:

All piers, retaining walls, marine railways, and all other shore line 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 two landmarks recommended for charting by the Field Inspection Unit, within the area covered by this Map Drawing. They are:

FLAGPOLE, white, 60 feet high 309 L-711(1945)
N. GABLE, WHITE HOUSE 310

Form 567 is being submitted for these two landmarks.

The Field Inspection Unit recovered and identified on the 1:10,000 field photographs, the following fixed aid to navigation:

IRON POINT LEDGE BEACON 310 L-711(1945)

Form 567 is being submitted for the above fixed aid to navigation.

There are no other fixed aids to navigation within the limits of this Map Drawing.

35 HYDROGRAPHIC CONTROL:

The Compilation Office was furnished the identification of 453 temporary hydrographic stations and 18 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 numbers and descriptions of the re-

35 HYDROGRAPHIC CONTROL: (Continued)

coverable 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 18 recoverable topographic stations:

No.	Name
3027	S. GABLE WHITE HOUSE
3039	TOP OF CHIMNEY HIGH PART GREEN HOUSE
3063	E. GABLE BARN, RED DOOR, WINDMILL ON TOP
3367	W. GABLE BARN
3527	S. E. GABLE RED HOUSE, WHITE TRIM
3534	E. GABLE YELLOW BARN, RED TRIM
3589	S. GABLE ONE-STORY RED COTTAGE, GREEN TRIM
3623	FLAG POLE WHITE, CROSS PIECE NEAR TOP (LANDMARK)
3637	N. E. GABLE UNPAINTED BARN
3667	W. GABLE GREEN COTTAGE, BLACK CHIMNEY W. END
3701	TOP OF CHIMNEY, OLD HOUSE
3768	N. GABLE, HIGHEST PART UNPAINTED HOUSE
3995	W. GABLE OLD BARN
4022	N. W. GABLE TWO-STORY UNPAINTED HOUSE, ONE CHIMNEY
4079	N. GABLE WHITE HOUSE, GREEN BLINDS, 2 DORMER WINDOWS N. SIDE (LANDMARK)
4087	S. E. GABLE GREEN BOAT HOUSE
4339	TOP BLACK CAGE ON IRON SPINDLE (aid to navigation)
4343	TOP CENTER UNPAINTED BOAT HOUSE, RED DOOR

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-8032 is in excellent agreement.

The junction to the West with Map Drawing, Survey No. T-8024 is in excellent agreement.

The junction to the South with Map Drawing, Survey No. T-8030 is in excellent agreement.

To the East is East Penobscot Bay.

38 GEOGRAPHIC NAMES: 814✓

No geographic names investigation was made for the area of Survey No. T-8031 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.

Alphabetical lists of the undisputed and disputed geographic names, for the area of this Map Drawing, are submitted herein. The geographic names of only the physical features visible on the photographs are shown on this Map Drawing.

39 BRIDGES:

One fixed stone bridge has been shown on the Map Drawing with the conventional symbol, accompanied by pertinent notes. This bridge connects Vinalhaven and Calderwood Neck.

40 CABLE CROSSING AREAS:

The cable crossing areas between Vinalhaven and Calderwood Neck shown on this Map Drawing with dashed red acid ink lines, accompanied by a pertinent note, have been detailed from Chart No. 310, by means of the vertical projector.

Removed, since it was not a part of the work of this survey.

Progress records indicate that T-8032 is partially compiled and it is necessary to assume that the statement on the junction is correct.

(see review report)

*K.H.M.
6-2-48*

40 CABLE CROSSING AREAS: (Continued)

The cable crossings in the vicinity of Ferry Creek shown on this Map Drawing with black acid ink, have been detailed according to field inspection data.

41 RECOMMENDATIONS FOR FUTURE SURVEYS:

The shore line, rough draft, Map Drawing, Survey No. T-8031, 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. 5 m.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

Comparison was made with the Vinalhaven, Maine (15') quadrangle 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 difference is noted:

Some marsh areas, adjacent to the shore line, appear on the quadrangle which are not shown on the Map Drawing.

Several small islands or rocks, some of which bare considerably at Mean High-Water, are shown on this Map Drawing in the vicinity of Browns Island Smith Island, and in The Basin. These do not appear on the (15') Vinalhaven quadrangle.

Other common topographic features seem to be in generally good agreement.

45 COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with the following U. S. Coast and Geodetic Survey charts.

Chart No. 309, scale of 1:40,000, dated June 16, 1944

Chart No. 310, scale of 1:40,000, dated June 16, 1944

Comparison was made with the above charts by use of the vertical projector. All shore line detail was in good agreement with the exception of the following:

Numerous offshore rocks, awash and submerged, and not identified by the Field Inspection Unit, or visible on the nine lens photographs, are shown on Charts Nos. 309 and 310. The approximate positions of these rocks were transferred to the Map Drawing and are shown with a light-weight, dashed, black acid ink line, and noted for identification.

Respectfully submitted:
July 31, 1944

James L. Harris
James L. Harris
Air Photographic Observer

Compilation and Descriptive
Report, Reviewed by:

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

Compilation of Map Drawing
Supervised by:

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

and

Joseph Steinberg
Joseph Steinberg
Asst. Photogrammetric Engineer

Approved and Forwarded:
August 1, 1944

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

Division of Photogrammetry
Review Report of
Shoreline Survey Manuscript No. T-8031

Paragraph numbers used in this report refer to paragraph numbers in the descriptive report.

28. Detailing.-

The detailing of the manuscript was considered good. In the area of The Basin the shoreline and off-shore details were, for the most part, redetailed by the reviewer. This conformed with the work done on the adjacent manuscript, No. T-8024, where it was found that the mean-high-water line had been shown too far offshore in many instances. Refer to the descriptive report and review report on sheet No. T-8024 for further details.

The mean-high-water line was not changed in any other areas of the manuscript and was left as originally applied from the field inspection photographs.

31. Low Water and Shoal Lines.-

The field inspection data had furnished an approximate shoal line but no MLW line. Since the shoal line was only approximate and apparently very generalized, it was removed. In addition it had been shown by a solid line broken at long intervals instead of the conventional short dashed line used for shoal or foul areas.

The low water line represented by the outer limits of ledge is approximate and based entirely on office interpretation. It is shown only where it occurs quite plainly on the photographs. This is also true of shoal or foul areas which were shown by the reviewer wherever their presence was very apparent on the photographs.

32. Details Offshore from the High-Water Line.-

Offshore rocks either above or below the plane of MHW are shown with the conventional symbols. Considerable work was involved in briefing the description of offshore rocks to conform to the conventional symbols. Changes to features were shown in red ink and descriptions were shown in black ink.

Certain offshore details indicated on the manuscript by copying from nautical charts in the Compilation Office were removed by the reviewer.

35. Hydrographic Control.-

Hydrographic control stations were in order and were left as originally shown on the manuscript. Topographic station names were reduced to one or two word descriptions with date of establishment and a small "d" to indicate a description was available on 524 cards.

37. Junctions.-

The junction to the north with No. T-8032 remains to be checked. The sheet was not available at the time of this review. *Not yet compiled (25 Mar 1948)*

44. Comparison with Previous Topographic Surveys by the Bureau.-

The following previous topographic surveys fall in the area of the map manuscript:

T-1075	1:10,000	1868] <i>With contours.</i>
T-1157a	1:10,000	1870-1	
T-1157b	1:10,000	1870	

The shoreline agrees quite well with the map manuscript although in several isolated instances large differences are apparent.

Common features on
The above surveys are ~~not~~ superseded by survey T-8031 *in all common areas.*

45. Comparison with Nautical Charts.-

Comparison was made with the following U.S.C. & G.S. charts:

Chart No. 309	1:40,000	8-3-43
Chart No. 310	1:40,000	9-21-46
Chart No. 235	1:20,000	6-15-46

General features were found to be in agreement.

T-8031 was applied to chart 309 prior to this review. Changes made during review are shown in red on the manuscript and should be applied to chart 309 when it is next corrected.

Reviewed by:

Reviewed under direction of:

K. N. Maki
K. N. Maki 3/3/47
Photogrammetrist

J. V. Giffins
Chief, Review Section 3/14/47

APPROVED BY:

B. J. Jones 5/48
Technical Assistant to the
Chief, Div. of Photogrammetry

R. R. Litchfield
Chief, Nautical Chart Branch
Division of Charts

K. T. Adams
Chief, Div. of Photogrammetry

C. K. Green
Chief, Div. of Coastal Surveys

HYDROGRAPHIC STATIONS

8031

- 3011. W. end of stone fence. In back of sandy beach. There is another sand beach to E. of it.
- 3015. Base of 30' spruce tree on W. side of small cove. Open spot S. of it.
- 3016. Base of 20' spruce tree on E. side of cove. Has white boulder underneath it.
- 3018. End of stone and wooden fence at grass line.
- 3019. Top of large black rock on point of rocky ledge.
- 3020. Top of N. end offshore ledge. Lower part of ledge is covered with barnacles.
- 3021. Base of lone spruce tree in back of beach. There are clumps of alders all around it. 10' tall.
- 3022. S. E. tip of grass on Green Island.
- 3022A. Top of white rock on Smith Island. Has crack across middle of it. N. W. side.
- 3023. Top of high rock on S. W. of Smith Island. Is dark with light streaks running through it.
- 3024. Top of light rock on tip of Smith Island N. E. edge.
- 3025. Top of black offshore rock.
- 3026. Top of large ledge. Brown color. Tallest of group of ledges
- 3027. S. gable of large white house. This is also a Recoverable Topographic Station.
- 3028. Top of large white rock on N. end of offshore ledge.
- 3029. Top of rock on sand beach on N. W. end of Brown's Island.
- 3030. Base of lone spruce on S. W. side of Brown's Island. 12' tall.
- 3031. Base of lone 20' spruce on W. side of Stoddart Island.
- 3032. Base of lone bushy spruce tree 20' tall. Green house in field behind it.
- 3033. Base of 2' spruce tree at S. E. end of ledge.
- 3034. Top of white rock on point. Station is in a field.
- 3035. Top of rock. Has white stripes on it. On island.
- 3036. Top of large rock on small island. Tallest rock on island.
- 3037. Top of dark rock with brown and orange streaks through it. Has sort of pointed top.
- 3038. Top of ledge on point at H. W. L.
- 3039. Top of chimney on highest part of green house in cove. This is also a Recoverable Topographic Station.
- 3040. N. W. tip of ledge at H. W. L.
- 3041. E. gable of fish house. Plain building with green trim. Wooden pier in front of it.
- 3042. Top of white rock on S. W. end of Duck Island.
- 3043. Top of low brown rock in bight. Gravel beach. There is path to open place in trees to N. W. of it.
- 3044. Top of dark colored rock. Has two smaller rocks in front of it. Back of it there is another rock with 2 white stripes in it.

- 3045. Highest part of offshore ledge S. W. of Duck Island. Top is dome shaped.
- 3046. Base of lone 30' spruce tree in clump of alders on W. side of Smith Cove.
- 3047. Largest of 2 spruce trees at head of cove. 35' tall.
- 3048. Base of 30' spruce tree on W. side of fence. East S'ly of group of spruces near head of cove on E. side.
- 3049. Top of light brown rock. Has large black rock in front of it. A lot of loose rocks around it.
- 3050. Base of 25' spruce tree on E. side of Stoddart Island.
- 3051. Highest part of N. W. end of Stoddart Island.
- 3052. N. E. tip of grass on Brown's Island. N. E. side.
- 3053. Highest part of offshore rock. Largest offshore ledge between Stoddart Island and Vinalhaven; light color.
- 3054. Top of white boulder near foot of bank with grass. High ledge with birch trees near it to S. of rock.
- 3055. Highest part of Southern point of ledge. Has pointed top. Yellow on top.
- 3056. Top of dark colored rock on E. side of bight. There is a loose stone beach. Rock has 2 white stripes on N. side. At head of bight.
- 3057. Top of rocky point on N. side of bight.
- 3058. Highest part of ledge. Has white spots in it. At S. part, birch tree directly in back of it.
- 3059. N. E. tip of point at H. W. L. Point on S. side of cove. White spots in ledge.
- 3060. Base of 20' spruce tree. 6 meters from grass line. Almost in middle of 2 other spruces.
- 3061. Top of light colored boulder. At head of Deep Cove. Sets in small loose stones. Large loose stones on front of it.
- 3062. N. W. end of white stripe in rock. Almost to head of cove.
- 3063. E. gable of barn in field. Has red door. Windmill on top of barn.
This is also a Recoverable Topographic Station.
- 3064. Top of large light brown rock. Largest of all the rocks in that group.
- 3065. Highest part of offshore rock at that point. S. part of rock.
- 3272. S. gable of 2-story white house. Has ² small sheds on shore in front of it.
- 3326. Top of offshore rock. Off point.
- 3327. Top of high offshore rock N. end. Light colored. Another rock is 6' from it.
- 3328. Top of dark colored boulder. On grass line. Only rock between two ledges. Little field behind it.
- 3329. Top of offshore rock. It is highest of offshore rocks and ledges in this group. Moss on top of it.
- 3330. Highest part of ledge on grassy point. Highest ledge on point. It is all grass. Runs out into water.
- 3331. E. tip of brush on ledge. Light colored ledge. Has group of spruces on it.
- 3332. Base of bushy 15' spruce tree on N. side of point. 4 m. from shore.
- 3333. Top of rock in middle of bight. It is fairly flat. Largest rock in bight.

3334. Top center of large flat rock at end of long point. Near head of cove.
3335. Top of most N. E.'ly rock. They have white tops. Most N. E. from grass island.
3336. Top of roundlike boulder on narrow point near head of cove. It is tallest rock at end of point.
3337. Base of shortest^{E'ly} of two spruce trees in grassland. They are 12 m. apart on grassy point, small rocks on point.
3346. Top of boulder in grass in back of ledge. Largest boulder there. It is N. of Signal 3345.
3347. Top of ledge on small grassy point. It has white top. Looks like large rock. Has crack on W. side running N-S. At end of point.
3348. Base of fir tree at edge of brush on E. side of cove. It is 35' tall. Lone fir. Sloping ledge in front of it at head of small bight.
3349. W. tip of grass on light colored ledge in bight on E. side of cove.
3350. Top center of highest rock on point.
3351. Top of highest offshore rock (most N'ly) in bight. Has grass on it. N. of Signal 3350.
3352. Top of highest rock on point. N. W. of Signal 3351. Whaleback ledge.
3353. Highest part of ledge in cove. Is covered with grass. High part is dome-shaped rock at N. end.
3354. Base of tallest spruce tree on ledge. It is high light colored ledge in cove. W. of Signal 3352.
3355. S. W. tip of vegetation on largest island in cove.
3356. Top of ledge on S. E. tip of largest island in cove.
3357. S. tip of ledge in bight at H. W. L.
3358. Top of pointed boulder on E. side of cove. In front of ledge that has tree stump on it. Stump is 4' high.
3359. Top of offshore ledge on E. side of cove. W. of ledge on shore that has ring bolt in it.
3360. W. tip of ledge at head of bight at H. W. L.
3361. Top of pointed rock near mouth of bight. There is fir tree on point. When at head of bight it has triangular shaped side.
3362. Top of tall rock on offshore ledge. It is highest ledge N. of largest island in cove. Grass on it.
3363. Top of long ledge on E. side of small island. Island has spruce trees on it.
3364. Top of offshore rock. It is light brown color. There is overhanging flat rock at E. side of it.
3365. Top of no Ft. boulder on ledge at H. W. L.
3366. Top of offshore rock. It is 20 m. long. Quite narrow. There is 3 small ledges E. of it.
3367. W. cable of barn on hill. This is also a Recoverable Topographic Station.
3368. Top of light colored rock on grassy point at S. end of ledge. It is largest light colored rock on point.
3369. Top of boulder at head of bight. There is large black rock in trees behind it. Rock has black moss on it.
3370. Top of boulder on N. side of bight. It has ring bolt on W. side.
3371. Top of large round shaped boulder on S. end of grassy point. It is tallest lone boulder.

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- 3372. Top of ledge at N. W. end of small island. Spruce trees on island. Has two patches of grass on it. Crack through middle.
- 3373. Top of rock on shore. It has black moss on top. Two brown rocks on shore beside it. N. of signal 3372.
- 3374. Top center of rock farthest offshore of group of rocks. It is quite long. Tall peaked rock E. of it.
- 3375. Top of ledge on W. side of narrows. It has 5 distinct cracks through it.
- 3376. Highest part of ledge on S. side of cove. It has 2 bolts on E. side of it.
- 3377. Top of boulder at head of bight on E. side of cove. It has light streaks through it.
- 3378. S. W. tip of junipers on largest ledge at head of cove.
- 3379. Top of brown colored rock off point at entrance to head of cove.
- 3380. Base of lone spruce tree at head of cove. It is on S. end of ledge. Quite thin. 20' tall.
- 3381. S. tip of junipers on ledge. At N. end of basin. Very high ledge 30' E. of it.
- 3382. S. tip of ledge on point S. of Signal 3381. Quite flat.
- 3383. Base of 35' fir tree. It leans out from birch tree 4 ft. E. of it. At head of cove.
- 3384. Highest part of ledge. Light color. Has birch trees in grassland behind it 6'.
- 3385. Top of high ledge. N. W. end. It has a lot of grass on it. It is highest ledge of this group.
- 3387. Top of ledge on E. side of point. Light brown color. Longest ledge on E. side.
- 3390. Top of white boulder on top of light brown colored ledge. On largest offshore ledge near entrance on E. side. S. E. of island in middle of entrance.
- 3396. E. gable of two-story white house near head of cove. House is T-shaped.
- 3524. Top of rock on point. It has light top. Has high narrow rock 1' N. of it.
- 3525. Top of large offshore rock. It has one large crack down side of it. N. of island that has trees on it. Small island.
- 3526. Top of offshore rock off point. Has jagged top. Nearest offshore rock to point. S. of point.
- 3527. S. E. gable of large red house in field at head of cove. Has white trim. This is also a Recoverable Topographic Station.
- 3528. Base of most S. W. 'ly spruce on ledge. Ledge has a lot of grass on it. Black around top.
- 3529. Top of large ledge on N. W. end of small island.
- 3530. Base of 35' spruce tree on point. Most N. W. 'ly spruce.
- 3531. Top of offshore rock. There are 3 rocks in this group. This is the highest one. Light top.
- 3532. N. W. tip of long narrow offshore rock. E. of Signal 3531.
- 3533. Top of ledge. It is at N. end of grassy point. Highest ledge in that group. It has dark colored top and light colored sides.
- 3534. E. gable of yellow barn in field. It has red trim. Plain house to N. of it. This is also a Recoverable Topographic Station.

3535. Center of grass patch on offshore ledge. N. E. from fallen down barn in field. 8031
3536. Top of light brown rock off point. There are fir trees on ledge E. of it. Ledge has shrubbery on it.
3537. Base of 3 birch trees which come from same root. At head of bight.
3538. Top of small rock off S. end of island that has grass and trees on it.
3539. Top of rock in middle of entrance to bight. Sitting on top of ledge.
3540. Base of N. E. ly spruce tree on ledge at S. E. end of island. 105 tall.
3541. Center of grass patch on offshore ledge. There is large boulder and some small rocks at S. tip of it.
3542. Base of tallest spruce tree on small island.
3543. Top of pointed ledge off S. end of island. It has yellow top (offshore).
3544. Base of 2' spruce tree on side of ledge on N. side of bight. It is only spruce on side of ledge.
3545. Center of grass patch on ledge. Ledge has deep cut in center of it. Off point.
3546. Base of 40' spruce tree at head of bight. It has small brown ledge under it.
3547. Top of rock on W. end of ledge at H. W. L. off point. It is N. W. of Signal 3546.
3548. Top of ledge at head of bight. Largest ledge at head on S. side.
3549. Tallest spruce tree on offshore island. There are some dead trees on it also.
3550. N. W. tip of grass on point.
3551. Top of offshore rock. It is largest offshore rock on E. side of island.
3552. Top of 35' spruce tree at head of long narrow bight. It has birch trees all around it.
3553. Top of light colored ledge (N. end) at end of point. It has grass patch on it.
3554. N. W. tip of ledge at H. W. L. It is farthest back in bight. On S. side near head.
3555. Base of 15' blue spruce tree W. of large oak tree. 2' from grass line.
3556. Base of 30' spruce tree on point. Most E. ly on point.
3557. Base of 3' spruce tree at head of bight. It is E. of tree that has been uprooted.
3558. Top of white chimney on house. It is in trees N. E. of bight.
3559. Top of ledge on point.
3560. Highest part of offshore ledge. Is long and narrow.
3561. Top of small rock at N. tip of small grass island in cove.
3562. E. tip of ledge at H. W. L. Birch tree S. E. of it. N. ly of 2 ledges.
3563. Top of small rock at E. end of grassy point. Is brown colored.
3564. Base of 30' spruce tree at N. W. tip of island. Hasn't many branches near bottom.
3565. N. E. tip of brush on island. Island falls away sharply to S. E. from station.
3566. Top of offshore rock. Has smaller rock 1' due S. of it. At S. side of bight.

- 3567. Top of light brown rock at W. end of light colored ledge that black moss on it.
- 3568. W. tip of junipers on point. They are on ledge. Trees in back of it.
- 3569. Top of small rock on N. side of gut. It is 1' wide.
- 3570. Base of 10' spruce tree on W. side of ledge near head of cove, on N. side of bight.
- 3571. Base of 30' spruce tree at head of cove. It is bare 25' from top. 6' from grassline.
- 3572. Base of 25' bushy spruce tree on N. W. side of island. It is 8' W. of two small rocks.
- 3573. Base of most N. E. ly spruce tree on island.
- 3574. Tallest spruce tree on ledge. It is light colored ledge. Has a half dozen trees on it.
- 3575. S. W. tip of brush on point. Point is at head of cove. Small rock on S. side of it.
- 3576. S. E. tip of brush on light colored ledge. E. side of island. It has crotch in it.
- 3577. Base of spruce tree on N. W. tip of brush on point.
- 3578. Top of offshore rock. It has patches of grass at N. & S. sides of peak.
- 3579. Top of largest rock on S. side of bight. Dead tree on shore 15' E. of it.
- 3580. Base of 20' blue spruce tree on point. Largest spruce on point. Large rock that has white spot near top 40' N. of it.
- 3581. E. tip of brush on highest part of rocky point. Point is covered with junipers.
- 3582. Base of 20' spruce tree on E. end of island. There is large birch tree just N. of it. Tallest of two spruces.
- 3583. Base of leaning birch tree. It is 2' S. of ledge that has grass patch on it.
- 3584. Top of highest of line of ledges on S. W. side of cove.
- 3585. Top of boulder at head of bight. 1' from grass line. Round like boulder.
- 3586. Highest part of rocky point on N. W. tip of island. It comes 10' m. into water.
- 3587. Highest part of offshore rock (S. E. end). Has white top. Only offshore rock in this gut.
- 3588. N. corner of granite abutment on S. side of cove. There is other one on N. side.
- 3589. S. gable of red cottage at N. side of cove. Has green trim. 1 story. This is also a Recoverable Topographic Station.
- 3590. N. W. tip of ledge at H. W. L. 225' N. from large red house.
- 3591. Highest part of offshore ledge in cove. Largest in cove. E. of Signal 3590.
- 3592. Top of high rock on point. Light colored. Comes to peak.
- 3593. S. W. corner of pier. Has wood pilings around it. Rails on sides.
- 3594. S. W. gable of boat house. Is green with white trim. Has door on S. side.
- 3595. Same as 4339.
- 3607. Base of most E. ly spruce tree on ledge on hill. The spruce is 6' E. of dead birch tree 20' tall.

3608. Highest part of offshore ledge at entrance to bight between two shore ledges. It has jagged top.
3609. Highest part of ledge. It is S. E. of small rocky beach 15' from grassland. Is connected to shore by small rocks.
3610. Top of small boulder on side of ledge. On N. side of sandy beach. 3' up from dark brown line on ledge. At S. tip of shrubbery 1' tall.
3611. S. W. corner of rotten wooden pier on E. side of cove. E. of sand beach.
3612. Base of 18' spruce tree on N. W. side of cove. It has large rock at E. end of it. There is small point running S. from it. Birch tree 35' E. of it.
3613. Highest part of ledge on point. It is at W. end of very long sand beach. 30' from grassland.
3614. Base of 20' birch tree. It is most W.'ly of group of birches. Forks half way up. 100 E. of long sand beach.
3615. N. E. gable of white cottage. Has 6 windows and door on N. side. 1 story.
3616. N. gable of small white cottage N. of Signal 3615. It has green trim. 2 m. from grass line. 1 story. Has low part on W. side.
3617. Top of high rock at end of point. Point has grass on it. At W. end of sand beach that has shoal N. of it.
3618. Top of highest ledge on point.
3619. Highest part of N. end offshore ledge.
3620. Top of pinnacle shaped rock on ledge. On S. side of ledge on point. Has yellow on top.
3621. N. gable of unpainted house. Has door N. side. Chimney in center.
3622. Base of 25' lone spruce tree on grassline. There is 3 large spruces in clump 80 m. E. of it.
3623. Base of flag pole in large field. 60' tall. Is held up by guy wires. Cross piece near top. This is also a Recoverable Topographic Station.
3624. Base of deciduous tree at grassline S. of flagpole on hill. Has black spot at base of it. 15' tall.
3625. Base of lone spruce tree 10' from grassline. It is S. W. from ledge on sand beach. It is 25' tall. There is another spruce N. from it.
3626. Top of boulder on rocky beach between two ledges. It is light brown color. In middle of rock pile.
3628. Top of high ledge. Has grass on it. There is water that runs to it by other ledge. It is at grassline.
3629. Top of reddish brown ledge. It is between 2 rocky beaches. There is light colored boulder at S. W. tip of it. Clearing in trees on hill S. W. from it.
3630. N. tip of low ledge. It is 8' E. from grassline. Ledge at grassline W. of it. Has some dead trees on it. Yellow brown color.
3631. Top of highest rock on E. side of small sandy island. There is sand in middle surrounded by rocks.
3632. Top of ledge in center of gravel beach. Has yellow brown color.
3633. Top center of flat rock on point. W. of signal 3632.
3634. Top of chimney on cottage. Chimney is in center of roof. Unpainted house. 1 story.
3635. Top of ledge on E. side of island. It has 2 cracks in it. Small 1' E. of it.
3636. Base of most S.'ly spruce tree on point. 10' tall. Large ledge. Covered with junipers.

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3637. N. E. gable of unpainted barn in field at N. from bight. There is a house S. of it. This is also a Recoverable Topographic Station. 8031
3638. Top of largest offshore rock. In bight.
3639. Top of light brown colored rock.
3640. Base of 6' spruce tree on side of ledge. On low part of ledge. There is 35' spruce on top of ledge N. of it.
3641. S. E. gable of boat house on E. side of cove at head. Is shingled. Very old.
3642. Base of S'n most spruce tree on small island. It is in middle of entrance to cove.
3643. Top of rock on W. side of cove. It is offshore rock. Off rocky point. Light colored top. Comes to peak.
3644. S. E. tip of grass on rock at foot of very high ledge. E. of triangulation station Starboard Rock. Light colored rock.
3645. Base of most S'ly of twin spruce trees on E. tip of small ledge.
3646. Top of rock off rounding point. It is highest offshore rock off point. Very prominent.
3647. Base of spruce tree 25 m. W. of large pine tree. Spruce is 8' tall. On side of low flat like ledge.
3648. Top of offshore rock S. of small island near mainland. It is 25 m. N. of mainland towards island.
3649. W. tip of vegetation on point. Has tress on it.
3650. S. E. tip of point at H. W. L.
3651. Base of highest spruce tree on prominent rocky point.
3652. S. tip of ledge at H. W. L. Ledge has junipers on it.
- 3652A. S. W. tip of brush on ledge near head of cove.
3653. Base of tallest pine tree on rounding point. Has limbs near top. 30' tall.
- 3653A. Top of offshore ledge on E. side of cove.
3654. Top of offshore rock W. from triangulation station Starboard Rock.
3655. Top of S. W.'ly of large offshore ledge in center of Winter Harbor.
3656. Top of large light colored rock. There is ~~small rock~~ 10 m. W. of it. Spruce trees behind it.
3657. W. tip of slanting long narrow ledge at H. W. L.
3658. Top of boulder at S. W. tip of island. Is brown color.
3659. Top of boulder at W. end of offshore ledge. Largest rock at W. end.
3660. Top of largest rock on point. Is light brown colored. Has white tip at top.
3661. Top of largest boulder at W. side of bight. Brown color.
3662. Top of gray ledge at head of bight. It is at end of bridge. Only gray ledge in bight.
3663. Base of 35' lone spruce tree. There are small birch trees all around it. 3' in grassland.
3664. Top of chimney on W. end of cottage. Is unpainted cottage. Big fir tree at W. end of it.
3665. Highest part of large offshore rock. Off point.

- 3666. Top of gray boulder on N. side of bight. Behind some brown rocks.
- 3667. W. gable of cottage. It is green. Has black chimney at W. end. This is also a Recoverable Topographic Station.
- 3668. Top of large boulder. It is light color with black moss on it. N. E. of E. end of retaining wall with derrick on it.
- 3669. Base of tallest part of derrick on E. corner of retaining wall.
- 3670. Base of lone spruce tree on W. side of juniper patch on ledge. Long flat like ledge. 20' tall.
- 3671. Top of large offshore rock at foot of steep sloping ledge. It is long straight ledge. Rock in center of it.
- 3672. Top of large boulder at E. end of ledge. Has light top. 7' tall.
- 3673. N. W. tip of juniper patch on ledge on point. Light colored ledge.
- 3674. Top of largest ledge in middle of cove. Has white spot at highest part.
- 3675. Top of offshore rock at S. W. side of cove. Has white tip on top.
- 3676. Center of grass patch on ledge at head of cove. Is white 6' from top. Has black moss on N. side.
- 3677. Top of ledge in middle of cove. Has round shaped top. Small white tip on top.
- 3678. Top of boulder in grass on E. side of cove. Between two ledges. Only large single rock on E. side.
- 3679. Highest part of ledge on point. It has grass strip running E. W. through it. Light colored.
- 3680. Top of ledge at head of bight. Has white tip on top. 4 m. W. of long ledge.
- 3681. Base of 4' spruce tree on point. There is 30' spruce 4 m. N. of it.
- 3682. Base of 35' spruce tree on point. Tallest spruce on point. Hasn't many limbs.
- 3683. Top of light colored ledge. Has strip of grass E. W. through it. Lots of cracks in it.
- 3684. Top of dark colored boulder on N. E. side of small island at entrance to bight, N. E. from highest part of it. 12' tall.
- 3685. Base of tallest spruce tree on small island. It is between largest island and mainland.
- 3686. Top of largest boulder at head of cove. On E. side. Is brown color 3' tall.
- 3687. Top of most E'ly of two rocks on E. side of cove. They are at end of grass patch. About same size.
- 3688. Base of 20' spruce tree. It has line of birches behind it. 2 or 3 small spruces near it. About 25 m. S. W. from bend in shoreline to E.
- 3689. Top of rock on N. side of point. Has brown top. Has depression on N. side of it and crevice to S.
- 3690. Top of largest offshore rock on N. side of cove. It is almost completely covered with seaweed.
- 3691. Top of offshore rock at head of cove on S. side. There is a larger one N. W. of it.
- 3692. Highest part of ledge on S. side of cove. It is long ledge, light brown color. Highest part on N. end.

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- 3693. Top of high knob on top of ledge on point. Light color.
- 3694. Top of offshore rock at entrance to bight. Has flat like top.
- 3695. Top of boulder on N. side of gut. Crack running E. W. through N. side of it. Small rock at E. end of it.
- 3696. Top of offshore rock. It is between high peaked ledge and light colored short ledge. Directly S. of peaked rock. Signal has two humps on it.
- 3697. Top of highest offshore ledge on N. W. side of gut.
- 3698. Top of round like boulder in grass.
- 3699. Base of most E'ly tree on ledge at head of cove on N. W. side. Tree is 18' tall.
- 3700. Top of ledge at N. W. end of grassy point.
- 3701. Top of chimney on old house in cove. Has no windows. This is also a Recoverable Topographic Station.
- 3702. E. tip of grass on largest offshore ledge in bight. N. of small island.
- 3703. Base of most S. E.'ly spruce tree on island on ledge. 20' high.
- 3704. Center of grass patch on top of small island.
- 3705. Top of largest boulder on N. E. side of small island. There are 3 or 4 smaller rocks around it.
- 3706. W. tip of grass on very small island.
- 3707. Base of twin trees on W. side of island. (W. center of head). They are 10' tall.
- 3708. Base of lone 35' spruce on prominent point.
- 3709. E. tip of ledge at high water line. It is largest ledge at head of bight.
- 3710. Top of rock on point S. W. of bight. It has white tip on top.
- 3711. Top of offshore boulder. It is lone offshore boulder.
- 3712. Top of rock on N. E. end of point.
- 3713. Base of 10' lone spruce tree on bare ledge on N. W. end of island.
- 3714. Top of large light colored boulder, W. tip at grassline. Small ledge at N. E. tip of it.
- 3715. Top of largest of 2 boulders on rocky point. They have light colored tops.
- 3716. Top of large offshore rock. Has small rock on top of it. There is small rock on E. tip of it.
- 3717. Top of tall lone offshore rock on S. side of cove.
- 3718. Top of flat rock. It is W. of large ledge.
- 3719. Base of E'ly most spruce tree on low large ledge on S. side of cove.
- 3720. Top of light brown boulder N. W. from point, laying on side.
- 3721. Top of rock at S. E. end of ledge on point. Has crack on S. side.
- 3722. Top of largest boulder in group of rocks on N. side of cove near head.
- 3723. Base of lone 10' spruce tree at base of long ledge on S. side of cove. Near head.
- 3724. Top of offshore shore rock at direct head of cove.

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- 3725. Base of 20' lone spruce tree. Near head on N. side.
- 3726. Top of round offshore boulder on E. side of small cove.
- 3727. Top of offshore ledge.
- 3728. Top of rock on W. side of N. entrance to gut. Largest rock on point.
- 3729. Top of boulder. Has sort of peaked top. Largest single boulder here.
- 3730. Base of 8' spruce tree on S. W. side of ledge.
- 3731. Top of offshore ledge E. of small island that has 2 or 3 spruce trees on it.
- 3732. N. W. tip of grass on rocky point.
- 3733. W. corner of rock on S. W. side of island. It has flat top.
- 3734. Top of small pointed rock in sea grass. It is brownish color.
- 3735. Top of largest boulder on point.
- 3736. Top of rock in middle of land connecting islands. It is sharp edged. It is aground at L. W.
- 3737. Base of tallest spruce tree on N. E. end of island. It is 2 m. E. of birch tree.
- 3738. Tallest spruce tree on small island.
- 3739. Top of largest boulder on S. E. side of small island.
- 3740. Base of 25' birch tree at head of cove. Largest one.
- 3741. N. W. tip of brush on point.
- 3742. Base of N. W. ly most tree on point. There is another spruce the same size as it but doesn't have any branches E. of it.
- 3743. Top of ledge on E. side of cove near head.
- 3744. Top of large light colored rock. There is dark rock with white stripes in it W. of it.
- 3745. Top of round boulder at S. point of island.
- 3746. Base of only birch tree on small island. Same as 4047.
- 3747. Highest part of offshore ledge at N. E. end of shoal. Has dark colored top and light sides.
- 3748. N. W. gable of unpainted barn. Has red trim. On E. side of cove.
- 3749. Top of hump on N. E. end of ledge.
- 3750. S. E. tip of ledge on point at H. W. L.
- 3751. N. tip of ledge on point at H. W. L.
- 3752. S. tip of brush on point.
- 3753. Top of highest of two rocks in cove. Dark colored.
- 3754. Base of tallest spruce tree 150 m. W. of point. N. side cove.
- 3755. Base of fir tree at head of cove. It leans W. 35' high.
- 3756. Base of 30' spruce tree on E. side of cove. There is large rock in bank 1 m. S. of it.
- 3757. Base of 25' spruce tree at N. W. end of point. Just N. W. of bight.
- 3758. S'n most spruce tree of group of spruces along shore. Just S. of point.
- 3759. N. tip of brush on small island.

- 3760. Base of largest spruce tree on point S. W. of bight.
- 3761. Top of rock off point. Is square shaped. 6 m. W. from light colored rock.
- 3762. Base of 10' forked spruce tree on N. E. side of ledge. It is in form of Y.
- 3763. W. gable of unpainted boat house, door on W. side.
- 3764. Base of 25' lone spruce tree on S. side of point in cove.
- 3765. N. E. corner of wooden pier. Very small.
- 3766. Base of 6' spruce tree on side of ledge. Near head of cove. E. side.
- 3767. E. tip of ledge at H. W. L. It is at W. end of head of cove.
- 3768. N. gable of highest section of unpainted house. There is a chimney on low part of house and one on high part. This is also a Recoverable Topographic Station.
- 3769. E. tip of stone wharf at H. W. It is very low. In bight at head.
- 3770. Base of bush on S. side of bight. In bunch of rocks.
- 3771. Top of offshore rock farthest off point.
- 3772. Top of offshore rock in middle of cove. Near head. Highest one.
- 3773. Top of 35' spruce tree on N. side of cove. There is dead brush at W. end of it.
- 3774. Base of 15' lone spruce tree. At grassline. N. E. from old house.
- 3775. S. W. tip of brush at E. side of rounding point.
- 3986. Base of S. W.'ly most 3' spruce tree on offshore ledge at head of cove.
- 3987. Base of 5' spruce tree at grassline behind ledge on W. side of cove near head. There is old dead tree half way in water 6' S. W. of it.
- 3988. Top of white capped ledge on E. side of cove. At point on E. side of widest part of cove.
- 3989. Top of large rock on W. side of cove. It is at N. end of ledge. There is a large boulder at N. end of signal.
- 3990. E. tip of ledge at H. W. L. There is leaning spruce tree 10 m. N. of it. Between 2 small bights.
- 3991. Top of large boulder on E. side of bare ledge on W. side of gut.
- 3992. Base of 20' lone spruce tree on W. side of bight. Very thin looking tree.
- 3993. Base of 25' spruce in bight. Tree nearest shore. 30' spruce tree 6' E. of it. On E. side of bight at edge of bank.
- 3994. Highest part of offshore rock. S. W. of point. S. of larger offshore rock.
- 3995. W. gable of old barn. This is also a Recoverable Topographic Station.
- 3996. Top of offshore rock at entrance to cove.
- 3997. E. tip of brush at prominent point near head of cove.
- 3998. Base of N. E.'ly of 2 spruce trees at head of bight. Is 35' tall. Trees are 20 m. apart.
- 3999. N. tip of grass on point at W. end of bight. There is small offshore rock in bight.

4000. E. tip of ledge at H. W. At prominent point. Entrance to bight S. of it.
4001. Base of 8' spruce tree in grassland on rocky point. in center of ledge. 40 m. N. E. of water end of ledge.
4002. Base of 30' spruce tree. Most N. W.'ly of group of spruces. At S. end of high ledge.
4003. Top of boulder at head of cove on N. side. Birch trees 30 m. W. of boulder.
4004. Top of offshore rock. Bight W. of it. 10 m. from shore.
4005. Top of large offshore rock. There is bight E. of it. In center of cove.
4006. Base of most N'ly spruce tree on small island. Has a group of spruces on it.
4007. Top of large light colored boulder. E. of small island on E. side of cove.
4008. Base of 50' spruce tree on point on W. side of cove. Highest spruce along shore N. of offshore rock.
4009. Top of rock that makes up a dome on point. On W. side of cove.
4010. Top of offshore ledge N. E. end. It is light colored. Has dome shaped top. At entrance to bight.
4011. Base of 35' blue spruce tree at head of bight. On E. side of offshore ledge.
4012. Center of ledge on S. side of entrance to narrow cove.
4013. Top of offshore rock at head of narrow cove on E. side of larger cove.
4014. Top center of rock on N. side of cove near head. It is in grassland.
4015. N. W. tip of brush on prominent point. At S. end of entrance to bight.
4016. Top of S. E. of 3 boulders in line. 2 N'ly rocks are 30' apart. Middle and S. E. one are 40' apart. At grassline.
4017. Top of rock at S. end of higher ledge. Has flat top which rises in E'ly direction.
4018. Base of 7' dead tree on ledge on N. side of entrance to bight.
4019. Top of pointed rock on end of point on W. side of cove.
4020. Small group of alders 5 m. W. of larger group.
4021. Highest part of ledge on prominent point.
4022. N. W. gable of two-story unpainted house with one chimney. This is also a Recoverable Topographic Station.
4023. N. W. tip of pointed ledge on N. side of rock dam.
4024. Top of rock on N. side of rock ledge on E. side. Has small iron bolt at N. end of it.
4025. N. E. tip of junipers on prominent point.
4026. Highest part of long narrow ledge on W. side of cove. It has light colored top.
4027. Top of high pointed ledge on W. side of cove. Very prominent ledge. Ledge with round like top S. of it.
4028. S. E. tip of junipers on S. W. side of rounding point on E. side of cove.
4029. Top of N. E.'ly of 2 pointed rocks in eel grass in cove.

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- 4030. Top of large round boulder on W. side of cove. Smaller rock 6 m. S. W. of it. Has pointed top.
- 4031. Base of 10' spruce tree on W. end of ledge. Ledge is on E. side of cove. At E. end of eel grass. Has junipers on it.
- 4032. Top of high ledge. Has white tip on top. Black moss half way from top. Rest is light colored.
- 4033. Top of gray boulder in eel grass. S. of S. head of cove. On E. side of small stream that runs back in grass.
- 4034. Top center of rectangular shaped boulder at end of point.
- 4035. Base of 15' lone spruce tree on hill. There are two larger spruces half way down over bank W. of it.
- 4036. Center of grass on top of offshore ledge. There is other offshore ledge N. E. of it.
- 4037. Base of 6' spruce tree at grass line on edge of ledge on E. side of island. There is large light colored rock with 6' crack in it S. W. from tree.
- 4038. Most N. W.'ly spruce tree on point at N. E. side of island.
- 4039. Top of ledge at S. end of Bluff Head Island. Pointed offshore rock 12 m. S. of it.
- 4040. Top of square shaped rock on E. side of Bluff Head Island.
- 4041. Top of offshore rock off N. W. side of Bluff Head Island.
- 4042. W. end of stone fence on W. side of island.
- 4043. Center of grass patch on ledge at S. W. end of island. Wooden fence runs out to it.
- 4044. Base of most S. E.'ly spruce on small island.
- 4045. Top of rock on S. E. end of small island. It has small grass patch on it. Other rock 6 m. E. of it.
- 4046. Top of round like boulder at N. W. end of island. Lays between 2 ledges.
- 4047. Base of 20' birch tree on N. side of island. Only tree on N. side.
- 4048. Base of tallest spruce tree on point on W. side of Hay Island. Has double top.
- 4049. Top of offshore rock off S. W. end of Hay Island. Is light colored. N. W. of larger ledge.
- 4050. Top of offshore rock S. ^{E.} of island.
- 4051. Top of offshore rock in small bight on W. side of Hen Island.
- 4052. Top of large offshore rock off N. side of Hen Island.
- 4053. Base of 4' spruce tree on edge of ledge on N. W. end of larger Hen Island.
- 4054. Top of offshore rock between 2 Hen Islands. Nearest smaller one.
- 4055. Top of light colored ledge on prominent point S. of bight. Large ledge E. of it.
- 4056. Base of 15' spruce tree. It is most S. E.'ly of group of W. group of trees.
- 4057. Top of highest of group of offshore rocks, N. E. end, off E. side of larger Hen Island.
- 4058. Base of most N.'ly spruce tree on point. Point is between 2 bights. Tree is 8' tall.

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4059. Base of most N. W.'ly spruce on point. N. side of larger Hen Island. W. of ravine in ledge.
4060. Base of 15' spruce tree on W. side of point. On ledge. Only lone spruce.
4061. Base of 15' spruce tree at break in tree line. Small boulder at base of it. At grassline on small rocky shore.
4062. Top of gray colored ledge. Has pointed top. In eel grass. Large white boulder 55 m. S. E. of it.
4063. Base of 12' spruce tree on W. side of group of spruce trees. There is another group to N. W.
4064. Top of ledge on N. W. side of point. There is small pointed ledge at S. end of it.
4065. Top of highest part of N. end of long and narrow offshore ledge.
4066. N. gable of green boat house at head of bight.
4067. N. W. tip of grass on light colored ledge 20' S. of cut in ledge.
4068. N. W. corner of pier. It sits on granite pilings. Green hand rails.
4069. Top of gray boulder on W. side of point behind ledge. W. of large white house.
4070. W. corner of pier on point. There is large unpainted house E. of it.
4071. S. W. corner of pier. Red house in trees E. of it.
4072. W. tip of long light colored ledge at H. W. At prominent point.
4073. N. W. corner of small wooden pier. At N. end of bight.
4074. Top of round shaped boulder at head of bight.
4075. Top of large rock 100 m. S. of bight. It is further from shore than rest of rocks.
4076. Top center of most N.'ly ledge on prominent point. Is offshore.
4077. Top of largest rock at head of narrow cove.
4078. N. E. corner of small shed at W. side of entrance to cove. Has green trim.
4079. N. gable of large white house. Has green window blinds. 2 dormers on N. side of house. LANDMARK. This is also a Recoverable Topographic Station.
4080. Base of spruce tree in crevice in ledge on W. side of point. Ledge is covered with foliage. Tree is 8' tall.
4081. Base of 6' lone spruce tree on E. side of Seal Cove. Is at edge of ledge where granite has been chipped off.
4082. N. W. tip of brush on E. side of Seal Cove. Near Head. Light colored.
4083. Top of small white boulder on ledge in middle of head of Seal Cove.
4084. Top of light colored boulder at grass line. On W. side of cove. N. E. of small gravel beach.
4085. Top of largest offshore ledge on W. side of Seal Cove.
4086. N. tip of vegetation on point at N. side of entrance to Seal Cove.
4087. S. E. gable of large green boat house in Perry Creek. This is also a Recoverable Topographic Station.
4088. N. tip of ledge E. of small bight. Small gravel beach at E. end of it. At H. W.

- 4089. Base of 30' spruce tree on prominent point. E'ly of 2 trees.
- 4090. Base of 15' spruce tree at E. end of group of birches on point.
- 4091. Top of N. end of prominent rocky ledge. E. of small bight.
- 4092. S. tip of ledge on N. side of cove. Has eye bolt in it.
- 4093. Base of S. E.'ly of small group of spruce trees on ledge. Has crooked trunk. Limbs at top.
- 4094. Top of light colored boulder on N. side of cove near head.
- 4095. S. gable of boat house. Has green trim. Tar paper cover.
- 4096. S. W. gable of unpainted boat house at head of Perry Creek.
- 4097. Base of 30' skinny birch tree at tree line. It is at N. end of group of birches. At S. end of board walk. 40' pine tree N. of it.
- 4271. Top of offshore rock at entrance to bight.
- 4272. Base of 15' birch tree on N. side of cove. N. side of entrance to bight.
- 4273. N. W. tip of prominent point at H. W. L.
- 4274. N. W. tip of ledge on prominent point at H. W. L.
- 4339. Top of Iron Point Ledge Beacon. Same as 3595. This is also a Recoverable Topographic Station.
- 4340. Top of boulder on S. E. side of small island. Sits on ledge.
- 4341. E. gable of red and green painted cottage. Sits on ledge overlooking water.
- 4342. Top of white chimney on side of one story unpainted cottage. It has light colored piazza. Green trim.
- 4343. Top center of boat house. It is unpainted with red door and window shutters. Sits at H. W. L. This is also a Recoverable Topographic Station.

GEOGRAPHIC NAMES

(Undisputed)

- Barley Hill
- *Benny Ledge
- Bluff Head
- Broom Island
- Browns Island
- *Browns Ledges
- Burnt Islands
- Calderwood Neck
- Calderwood Point (Calderwood Neck)
- Calderwood Point (~~Barley Hill~~)
- Carver Cove
- Cedar Pond
- Coombs Hill
- Coombs Neck
- Deep Cove
- Duck Islands
- East Penobscot Bay
- Folly Pond
- Green Island
- *Grindstone Ledge

- Barton I (w. side of The Basin)
- Isle au Haut Mt.
- Mill Creek (trib. Seal Cove)

*These geographic names fall within the area of Survey No. T-8031, 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 the office photographs.

- Starboard Rock

Barley Hill

- Hay Island
- Hen Islands
- Hopkins Point
- Iron Point Ledge
- *Lobster Ledge
- Long Island
- Long Pond
- Mill River
- Otter Pond
- Round Pond
- Seal Bay
- Seal Cove
- Smith Cove (Seal Vek)
- Smith Cove (Duck Island)
- Smith Island
- Stoddart Island
- The Basin
- Vinal Cove
- Vinalhaven Island
- Winter Island Harbor
- Zeke Point

2/26/47:

Names preceded by • are approved. L. Heck

See marked copy of U.S.G.S. "Vinalhaven" quadrangle.

GEOGRAPHIC NAMES

Recommended

Disputed

~~Fox Island Thorofare~~ (Pending with
USBN)
Perry Creek

~~Fox Islands Thorofare~~
~~Perry Cove~~

Names underlined in red approved
by L. Heck 6/2/26/47

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

SURVEY NO. T-8031

PROJECT NO. CS - 272D

RECOVERABLE TOPOGRAPHIC STATIONS ESTABLISHED IN 1943 -----	18
TEMPORARY HYDROGRAPHIC STATIONS ESTABLISHED IN 1943 -----	453
TOTAL STATIONS -----	471

LISTED BY JAMES L. HARRIS
COPY CHECKED BY: ALBERT C. RAUCK, JR.

NAUTICAL CHARTS BRANCH

SURVEY NO. T-8031

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.