**DESCRIPTIVE REPORT**

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>Planimetric Air Photographic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field No.</td>
<td>Office No. T-8033</td>
</tr>
</tbody>
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<table>
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<th>LOCALITY</th>
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<tbody>
<tr>
<td>State</td>
</tr>
<tr>
<td>General locality</td>
</tr>
<tr>
<td>Locality</td>
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</table>

| 194 1-43             |

<table>
<thead>
<tr>
<th>CHIEF OF PARTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>H.O. Fortin, Chief of Field Party</td>
</tr>
<tr>
<td>F.L. Peacock, Balt. Photo. Office</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LIBRARY &amp; ARCHIVES</th>
</tr>
</thead>
<tbody>
<tr>
<td>DATE August 8, 1950</td>
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</table>
DATA RECORD
MAP DRAWING SURVEY
T-8033

Quadrangle (II); Vinalhaven, Maine (15' Series) Project No. (II); C.S. 272
Northeast Portion U.S.G.S.

Field Office: Chief of Party: Fred. L. Peacock
Air Photographic Party No. 2 USA.F.

Compilation Office: Chief of Party: Fred. L. Peacock
Baltimore Photogrammetric Office

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

Completed survey received in office: 9-1-44

Reported to Nautical Chart Section: Sept. 1944

Reviewed: L. Martin Applied to chart No. 309 (Partially) Date: 11/6/45 Partial

Bedrafting Completed: 4-17-50

Registered: 7-17-50 Published:

Compilation Scale: 1:9,700 Published Scale:

Scale Factor (III): 1.0309

Geographic Datum (III): N.A. 1927 Datum Plane (III): Mean Sea Level

Reference Station (III); SPRUCE HEAD 2, 1911,1934, r.1943

Lat.: 44° 14' 22.069" 681.2m Long.: 68° 49' 16.262" 631.6m Adjusted

State Plane Coordinates (VI): Maine (East Zone)

Military Grid Zone (VI)

X =

Y =
PHOTOGRAPHS (III)
(Unmounted nine lens)

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
</tr>
</thead>
<tbody>
<tr>
<td>6886-6888 Inc</td>
<td>10/19/41</td>
<td>11:10 A.M.</td>
<td>1:10,000</td>
<td>8.7 ft. above M.L.W.</td>
</tr>
<tr>
<td>6903-6906 Inc</td>
<td>10/19/41</td>
<td>11:10 A.M.</td>
<td>1:10,000</td>
<td>8.7 ft. above M.L.W.</td>
</tr>
<tr>
<td>6976-6978</td>
<td>10/20/41</td>
<td>1:10 P.M.</td>
<td>1:10,000</td>
<td>8.5 ft. above M.L.W.</td>
</tr>
<tr>
<td>7269-7270</td>
<td>10/21/41</td>
<td>11:35 A.M.</td>
<td>1:10,000</td>
<td>11.6 ft. above M.L.W.</td>
</tr>
</tbody>
</table>

Tide from (III): Tide tables, Atlantic Ocean, 1941, Reference Station, Portland, Maine, with corrections to Northwest Harbor, Deer Isle, Maine
Mean Range: 10.1 ft.
Spring Range: 11.5 ft.

Camera: (Kind or source) U.S. Coast and Geodetic Survey nine lens camera (focal length 8½") All negatives are on file in the Washington Office

Field Inspection by: Lieut. Comdr. Henry O. Fortin date: Season 1943
Season's Field Inspection Report previously submitted

Field Edit by: NONE date:

Date of Mean High-Water Line Location (III): As of photographs taken on 10/21/41.
Supplemented by the Field Inspection Data obtained in 1943
Refer to Field Report

Projection and Grids ruled by (III) B.R.C.-J.T.B.-P.J.H. date: 2/4/44
Washington Office

Control plotted by: Donald M. Brant date: 2/9/44

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

Radial Plot by: James E. Sunderland date: 6/10/44

Detailed by: William O. Norris (shore line and Interior-rough draft) date: 7/28/44 to 8/24/44

Reviewed in compilation office by: Michael G. Misulis date: August 1944

Elevations on Field Edit Sheet checked by: NONE date:
STATISTICS (III)

Land Area (Sq. Statute Miles); 3\(\frac{1}{2}\)

Shoreline (More than 200 meters to opposite shore); 28 Statute Miles

Shoreline (Less than 200 meters to opposite shore); \(\frac{3}{8}\) Statute Mile

Number of Recoverable Topographic Stations established; 4

Number of Temporary Hydrographic Stations located by radial plot; 121

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;
Field Inspection

Field inspection data for the area of T-8033, Project No. CS-272, are contained in the "Report on Field Inspection of Air Photographs" by Henry O. Fortin, dated Jan. 31, 1944.

This report is filed in the Division of Photogrammetry General Files.
26 CONTROL:

There are 10 horizontal control stations appearing on the Map Drawing for Survey No. T-8033. They consist of 7 U. S. Coast and Geodetic Survey Triangulation Stations, 4 of which have been identified by Field Inspection Points, and 3 U. S. Coast and Geodetic Survey Triangulation Intersection Stations. All of the triangulation stations have been shown on the Map Drawing with the conventional triangulation symbol, while the F.I.P.'s have been shown with small black acid ink squares.

The following horizontal control stations lie within the detail limits of the Map Drawing:

Five U. S. Coast and Geodetic Survey Triangulation Stations:

✓ (a) COMPASS ISLAND, 1911, r.1934, r.1943 (F.I.P. "Com")
✓ (a) FRENCHMANS ISLAND, 1862, no rec. in 1943
✓ (a) SPRUCE HEAD 2, 1911, 1934, r.1943
✓ (a) BALD ISLAND, 1911, 1934, r.1943 (F.I.P. "Bel")
✓ (a) BRADBURY ISLAND, 1934, r.1943 (F.I.P. "Bury")
   F.I.P. "Brad" as of 1943-position deleted

Three U. S. Coast and Geodetic Survey Triangulation Intersection Stations:

✓ (a) BEAR ISLAND, HOUSE CHIMNEY, 1911, r.1943
✓ (a) EAGLE ISLAND, LIGHTHOUSE, 1861, 1934, r.1943
   (Fixed Aid to Navigation)
✓ (a) EAGLE ISLAND, HIGHEST HOUSE CHIMNEY, 1910, r.1943
   (Landmark)

The following horizontal control stations lie just outside the detail limits of the Map Drawing:

Two U. S. Coast and Geodetic Survey Triangulation Stations:

MARK ISLAND 2, 1862, no recovery in 1943
(a) MARK ISLAND, 1911, 1934, r.1943 (F.I.P. "Mar")
26 CONTROL: (Continued)

(a) Stations used to determine the position of the Recoverable Topographic Stations, temporary hydrographic stations, secondary and photograph centers within the area of the Survey.

A copy of the "Identification Report" of the horizontal control for the area of Survey No. T-8033, as furnished by the Field Inspection Unit, is attached to this report.

27 RADIAL PLOT:

The radial plot report covering the area of this Survey, is attached to the descriptive report for Map Drawing Survey No. T-8030, previously submitted.

28 DETAILING:

The Map Drawing for Survey No. T-8033 has been compiled in accordance with instructions. The topographic features have been detailed from unmounted nine lens photographs which were supplemented by the field inspection data. Symbolization is in accordance with the recommended symbols.

The area of Survey No. T-8033 was well covered by photography, the number of photographs being adequate for detailing. The field inspection data were also adequate, except for the foreshore area, which is to be discussed under heading 31.

The scales of the Map Drawing and the photographs were in good agreement, except for the area covering Bradbury Island. This island was detailed entirely by the use of the vertical projector:

The main bodies of water appearing on the Map Drawing are Penobscot Bay and East Penobscot Bay. The land area appearing on this Map Drawing consists entirely of islands. The shore line of these islands is bordered, for the most part, by rock bluff with several stretches of sand or gravel beaches and wooded dirt or clay bluffs.
28 DETAILING: (Continued)

The radially plotted positions of temporary hydrographic stations, recoverable topographic stations, and detail points, considered relatively strong, have been shown on the glossy side of the Map Drawing with small single blue ink circles, while the relatively weak positions of such points have been shown with small single green ink circles.

As no roads were classified by the Field Inspection Unit for the area of this Survey, they have, therefore, been classified by the Baltimore Compilation Office. Trails have been shown with the conventional symbol, accompanied by the note, "Trail."

All buildings within the area of the Survey, except small outbuildings and those whose images were not visible on the photographs, have been shown on the Map Drawing with the conventional symbol.

A list of abbreviations, accompanied by explanatory notes has been lettered on the Map Drawing just outside its Eastern detail limit.

30 MEAN HIGH-WATER LINE:

The Mean High-Water Line (firm ground), which for the most part was fully identified and delineated upon the field photographs by the Field Inspection Unit, has been shown on the Map Drawing with a full heavy-weight black acid ink line.

It appears that some portions of the Mean High-Water Line have been identified too far out, by the Field Inspection Unit. However, since there is no available data for proving the correctness of the position of the Mean High-Water Line, it has been shown in accordance with the field inspection data. The limits of these portions have been shown on the overlay sheet, accompanied by an explanatory note.

There are no marsh areas bordering the Mean High-Water Line within the detail limits of the Map Drawing.
31. LOW WATER AND SHOAL LINES:

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 fore-shore areas detailed within the limits of the Map Drawing have been interpreted by the Baltimore Compilation Office in accordance with the lowest tide photographs available for the area of the Survey. All portions of fore-shore areas have been shown with the conventional symbol, accompanied by descriptive notes.

The approximate outer limits of rock-ledge, sand, and gravel areas, as detailed on the Map Drawing, have been shown with the conventional symbol, accompanied by descriptive notes. The outer limits of rock ledge, sand and gravel areas, and fore-shore features, indicate the approximate Mean Low Water Line.

No part of the Mean Low-Water Line could be detailed with confidence, either from the field inspection data or by office interpretation of the photographs.

32. DETAILS OFFSHORE FROM THE HIGH-WATER LINE: Also per Review Report.

The details offshore from the Mean High-Water Line, appearing on the Map Drawing, consist of rocks, reefs, cribbing, and fish traps. The existence of such features were verified by the Field Inspection Unit.

The extent to which the offshore rocks and reefs base at Mean Low-Water or Mean High-Water, has been shown by notes lettered on the Map Drawing.

33. WHARVES AND SHORE LINE STRUCTURES:

The existence of piers located within the area of the Survey, have been verified by the Field Inspection Unit and have been shown on the Map Drawing with the conventional symbol, accompanied by the note, "Pier."
LANDMARKS, FIXED AIDS TO NAVIGATION AND AERONAUTICAL AIDS:

One landmark, "HOUSE CHY." (Triangulation Station
EAGLE ISLAND, HIGHEST HOUSE CHIMNEY, 1910, res. in 1943)
and one fixed aid to navigation, "EAGLE ISLAND LIGHT"
(Triangulation Station EAGLE ISLAND LIGHTHOUSE, 1861,
1934, r.1943) previously charted, have been shown with-
in the detail limits of the Map Drawing with the con-
ventional triangulation symbol, accompanied by the
notes, "landmark" and "fixed aid to navigation," re-
spectively. Since the position of the landmark and
the fixed aid to navigation have been previously de-
termined by triangulation by the Bureau, and have
previously been charted, Form 567 will not be sub-
mitted. There were no new landmarks, new fixed aids
to navigation nor aeronautical aids recommended for
the area of Survey No. T-8035.

HYDROGRAPHIC CONTROL:

The selected hydrographic control for the area
of the Survey consists of 120 temporary hydrographic
stations and 4 Recoverable Topographic Stations. Their
positions have been determined by the radial plot and
shown on the Map Drawing with $\frac{3}{2}$mm. black acid ink
circles.

The following temporary hydrographic stations
could not be determined by the radial plot because of
dense shadows and blurred photography, and therefore,
have not been shown on the Map Drawing:

Nos. 3785, 3810, and 4162.

A list of the descriptions of the Recoverable
Topographic Stations and temporary hydrographic sta-
tions is attached to this report. Two carbon copies
of the list are being submitted separately for use
of the Hydrographic Party.

The Recoverable Topographic Stations have been
identified by the note, "Recoverable Topographic Sta-
tion" lettered on the Map Drawing.
HYDROGRAPHIC CONTROL: (Continued)

Form No. 524 has been submitted for each of the following recoverable Topographic Stations:

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>3798</td>
<td>Rock Cairn</td>
</tr>
<tr>
<td>3821</td>
<td>East Gable, Northerly Two Boat Houses</td>
</tr>
<tr>
<td>4171</td>
<td>West Gable, White House</td>
</tr>
<tr>
<td>4240</td>
<td>North Gable Unpainted House</td>
</tr>
</tbody>
</table>

LANDING FIELDS:

There are no landing fields within the area of Survey No. T-8033.

JUNCTIONS:

Junction of shoreline and interior details has been made with Map Drawing, Survey No. T-8032 to the South.

The full detail of Bradbury Island, a small portion of which would normally fall within the area of Survey No. T-8050 to the East, has been shown on Map Drawing, Survey No. T-8033. Since the meridian at Longitude 66° 45' 00", along which Map Drawings, Surveys Nos. T-8033 and T-8050 join together, passes through an all water area, except for the portion of Bradbury Island just mentioned, no junction of details need be considered.

Map Drawing, Survey No. T-8034 is to the North. Since the arc of parallel at Latitude 44° 15' 00", along which the two Map Drawings join together, passes through an all water area between the eastern and western limits of the Surveys, no junction of details need be considered.

Map Drawing, Survey No. T-8022 is to the West. Since the meridian at Longitude 66° 52' 30", along which the two Map Drawings join together, passes through an all water area between the southern and northern limits of the Surveys, no junction of details need be considered.
38 GEOGRAPHIC NAMES:

No special investigation of the geographic names pertaining to the area of the Survey was made by the Field Inspection Unit. A few of the names were recorded on the field inspection photographs.

All of the geographic names appearing on the Map Drawing are in accordance with the best sources available to the Compilation Office, namely the field inspection data, Charts Nos. 309, 310, and the United States Geological Survey Quadrangle, Vinalhaven, Maine, (15' series.)

An alphabetical list of the undisputed and disputed geographic names pertaining to the area of the Survey, is attached to this report.

39 RECOMMENDATIONS FOR FUTURE SURVEYS:

The positions of the planimetric details appearing on the Map Drawing are believed to be within the limits of satisfactory accuracy. The compilation is complete with respect to all detail needed for charting or the preparation of a planimetric map, except as noted under side heading No. 30 in this report, and the absence of many rocks awash, which are to be discussed under side heading No. 45.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

Vinalhaven, Maine (15' series) U.S.G.S., scale 1:62,500, edition of 1944. Since the scale difference between the Map Drawing and the above-mentioned quadrangle was very large, comparison of small planimetric details could not be readily made. By visual comparison, however, the following differences were apparent:

Marsh areas on Great Spruce Head Island, Butter Island, and on the southern part of Eagle Island, as they appear on the quadrangle, have not been shown on the Map Drawing, because the Field Inspection Unit classified these areas as brush.
44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES: (Continued)

(a) The two southernmost islands of the Barred Islands group on the quadrangle have been shown as one island on the Map Drawing.

(a,b) The shore line as shown on the Map Drawing, is more irregular.

The road on Great Spruce Head Island as appears on the quadrangle was not shown on the Map Drawing. No field inspection data were furnished for the identification of this road. The road lies in dense vegetation.

(a) These differences also apply to Nautical Chart No. 309.
(b) These differences also apply to Nautical Chart No. 310.

45 COMPARISON WITH NAUTICAL CHARTS:

Chart No. 309, scale 1:40,000, published at Washington, D. C., July 1943, corrected to February 19, 1944.

Because of the scale difference between the Map Drawing and the above-mentioned chart comparison of small planimetric details could not be readily made. By visual comparison, however, the following differences were apparent:

Landmark "HOUSE CHIMNEY" on Eagle Island, appears to be in an erroneous position on the chart. Recommend that this be checked. "CHECKED - L.M.C."

More piers and cribbing have been shown on the Map Drawing.

A larger number of buildings have been shown on the Map Drawing.

A rock bluff symbol has been shown along the Mean High-Water Line of the majority of the islands within the detail limits of the Map Drawing. A dirt bluff symbol appears on the Chart.
COMPARISON WITH NAUTICAL CHARTS: (Continued)

More rocks awash appear on the chart. The images of the majority of the rocks awash were not visible on any of the photographs. For the most part, no field inspection data were submitted for their identification.

More roads have been shown on the Map Drawing.

Middle Rock, which appears on the Chart, was not visible on any of the photographs and therefore, was not detailed on the Map Drawing. No field inspection data were submitted.

For other differences, see-aside heading No. 44.

Chart No. 310, scale 1:40,000, published at Washington, D. C., August 1937, reissued June 1938, corrected to April 13, 1944.

Because of the scale difference between the Map Drawing and the above-mentioned chart, comparison of small planimetric details could not be readily made. By visual comparison, however, the following differences were apparent:

More piers and cribbing have been shown on the Map Drawing.

A larger number of buildings have been shown on the Map Drawing.

A rock bluff symbol has been shown along the Mean High-Water Line of the majority of the islands within the detail limits of the Map Drawing. A dirt bluff symbol appears on the Chart.

More rocks awash appear on the Chart. See comparison with Chart No. 309.

Compass Island Ledge, which appears on the chart, was not visible on any of the photographs, and therefore, was not detailed on the Map Drawing. No field inspection data were submitted.
COMPARISON WITH NAUTICAL CHARTS: (Continued)

More roads have been shown on the Map Drawing.

For other differences see side heading No. 44.
Respectfully submitted:
August 26, 1944

William O. Norris
Photogrammetric Aid

Compilation and Descriptive Report, Reviewed by:

Michael G. Misulia
Jr. Topographic Engineer

Supervised by:

Walter E. Schmidt
Asst. Photogrammetric Engineer

Approved and Forwarded:
September 1, 1944

Fred. L. Peacock
Chief, Air Photographic Party No. 2
IDENTIFICATION REPORT
OF THE HORIZONTAL CONTROL FOR THE AREA
OF SURVEY NO. T-S033

COMPASS ISLAND 1911, 1934. Recovered. Pricking positive
FRENCHMANS ISLAND 1862. Not found
BEAR ISLAND, HOUSE CHIMNEY, 1911. Recovered. Pricking positive
SPRUCE HEAD 2, 1911, 1934. Recovered. Pricking positive
BALD ISLAND, 1911, 1934. Recovered. Pricking positive
EAGLE ISLAND LIGHTHOUSE, 1861, 1934. Recovered. Pricking positive
EAGLE ISLAND, HIGHEST HOUSE CHIMNEY, 1910. Not identified.
PRICKING POSITIVE
BRADBURY ISLAND, 1934. Recovered. Pricking positive

Outside Detail Limits

MARK ISLAND, 1911, 1934. Recovered. Pricking positive
MARK ISLAND 2, 1862. Not found

October 31, 1943
By Lieut. Comdr. Henry O. Fortin
U.S.C. & G.G.
COAST OF MAINE
PROJECT NO. C.S. 272
SURVEY NO. T-8033

DESCRIPTIONS OF RECOVERABLE TOPOGRAPHIC STATIONS
AND TEMPORARY HYDROGRAPHIC STATIONS APPEARING
WITHIN THE DETAIL LIMITS OF MAP DRAWING
SURVEY NO. T-8033

NUMBER OF RECOVERABLE TOPOGRAPHIC STATIONS..... 4
NUMBER OF TEMPORARY HYDROGRAPHIC STATIONS..... 120
TOTAL NUMBER OF STATIONS 124

Listed by: William C. Norris

Checked by: Mary F. Moore
3776  South tip of grass on high point. Trees 6 meters north from end of point.

3777  Center of round like grass patch on ledge. There is another grass patch 6' east of it. Dark green color. Ledge has no trees.

3778  Base of 7' spruce tree south of northeast tip of Bradbury I. It is lone spruce between two clumps of spruces.

3779  Top of flat ledge on east tip of island. There is a dead tree on higher ledge west of signal site.

3784  Top of small white topped ledge. It is 3' high on gravel beach. Northeast from high ledge.

3786  Base of 10' lone spruce tree on northwest end of Bradbury I. It is in small field on ledge.

3787  Southwest tip of point at High-Water Line. It is dark color.

3788  Base of most southerly spruce tree on point. Ten feet tall. It is sloping point.

3789  Highest part of south end of ledge on southeast side of Butter I.

3790  Top of large light colored boulder in rock pile on sand beach.

3791  Base of most northeasterly of 4 spruce trees in grassland, 6' from grassline.

3792  Base of double spruce tree in grassland. There is another spruce 20 meters from it.

3793  Base of 20' spruce tree. There is another spruce 10 meters west of it. There is a spruce 4 meters in front of it.
<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3794</td>
<td>Top of pinnacle shaped ledge. Largest ledge on rocky shore. Not visible on low water (0640, 0648). Photo not picked off shore on field photo 0659C.</td>
</tr>
<tr>
<td>3795</td>
<td>Top of pinnacle shaped rock on rocky shore. Clearing in trees on shore directly behind it.</td>
</tr>
<tr>
<td>3796</td>
<td>Top of pinnacle shaped rock off grassy point. North of sand bar. (Northwest end of Butter I.)</td>
</tr>
<tr>
<td>3797</td>
<td>Base of highest tree on highest part of north-easterly of Barred Is.</td>
</tr>
<tr>
<td>3798</td>
<td>&quot;Rock Cairn&quot;. Top of rock cairn on highest part of northwesterly of Barred Islands. (Recovered Topographic Station.)</td>
</tr>
<tr>
<td>3799</td>
<td>Base of most southwesterly spruce on northwesterly of Barred Islands. Double spruce 20' tall.</td>
</tr>
<tr>
<td>3800</td>
<td>Base of most southeasterly spruce tree on northeasterly of Barred Is.</td>
</tr>
<tr>
<td>3801</td>
<td>Northeast tip of grass on ledge.</td>
</tr>
<tr>
<td>3802</td>
<td>Top of largest rock on shoreline on west side of largest of Barred Is.</td>
</tr>
<tr>
<td>3803</td>
<td>Highest part of small island west of largest of Barred Is.</td>
</tr>
<tr>
<td>3804</td>
<td>Top of ledge on east side of one of Barred I. It is real ragged. Not very large. There is sand patch 10' north of it.</td>
</tr>
<tr>
<td>3805</td>
<td>Highest part of offshore ledge.</td>
</tr>
<tr>
<td>3806</td>
<td>Top of small rock on top of ledge. It has yellow moss on top of it 2' long.</td>
</tr>
<tr>
<td>3807</td>
<td>Top of light colored rock on beach at grassline. Has brown spot on it.</td>
</tr>
<tr>
<td>3808</td>
<td>Top of ledge on sand beach. Is brown color. Longest ledge on sand beach.</td>
</tr>
</tbody>
</table>
3809  Top of light colored boulder on southwest end of Is. 4' from grassline. There is iron spike sticking out of it and above it, 1'.

3811  Center of dark green patch of brush on point east of sand beach.

3812  Base of southeasterly of 2 spruces. At west end of alder patch. Two deciduous trees 17 meters southwest of it. 25' tall.

3813  Base of lone spruce tree. At grassline 20 meters west of white rock at grassline. 12' tall.

3814  Base of 30' spruce tree. It is 3 meters from where cliff drops off. There is dead tree 4 meters northeast of it.

3815  Base of 9' spruce tree at south end of trees on east side of island.

3816  Top of large white boulder in rocky shore of dark colored rocks. Has black spot on it.

3817  Top of ledge. It is 40 meters north of grassland. Has patch of grass on it.

3818  Top of ledge south of crevice in ledge. At south end of I. Twenty meters south of grassland.

3819  Center of patch of dark green brush on west side of I. On south side of point in grassland.

3820  Top of round like knob on highest part of ledge at north part of I.

3821  "East Gable Northerly Two Boat Houses." East gable of northerly of two boat houses. It is white near top. Has one window on east side. Marine railway in front of it. (Recoverable Topographic Station.)
3822  Highest part of largest offshore ledge northeast and en east side of Great Spruce Head I.

3823  Highest part of offshore ledge. North end. South of sandy beach.

3824  Top of rock on offshore ledge at northeast side of Great Spruce Head I. Highest part of ledge on north end of southerly ledge.

3825  East tip of ledge at extreme north most part of Great Spruce Head I. (at High-Water Line.) It is long ledge with rough surface. Light colored.

3826  Top of rock at grassline and at foot of grassy bank. Has crack across side of it. Southwest of high ledge.

3827  Top of high grassy ledge at northwest tip of Great Spruce Head I. There is a smaller grassy ledge west of it.

3828  Base of westerly of two small spruce trees on ledge south of sand beach. They are 8' tall.

3829  Top of offshore ledge. It is west of smooth sand beach. There is small reef southwest of offshore ledge.

3830  Base of 20' husky spruce tree at edge of ledge south of patch of small rocks in cut in ledge. There is another spruce 6 meters north of it.

3831  Base of 10' spruce tree on bare place on southwest side of I. 10' tall. Ledge in grass 4 meters east of it.

4146  Base of 12' lone spruce tree on southeast side of Bald I. 1 meter from grassline. Near edge of cliff.

4147  Top of ledge at south tip of Bald I. There is shag nest on signal.
No.

4148 Base of 4' spruce tree on ledge. It is most northwesterly tree of group of trees on ledge.

4149 Top of black colored ledge at north tip of Bald I.

4150 Base of 15' spruce tree on ledge on southwest side of I. Farthest southwest of any tree on Is.

4151 Top of black jagged ledge, (offshore) on east side of I.

4152 Top of dome shaped ledge on west side of I. Has sand on top of it.

4153 Top of dark colored rock off north side of I. Sits on ledge.

4154 Top of high ledge on west side of I. It has grass on top of it. White spots in ledge south of it.

4155 Top of high flat ledge at south tip of I.

4156 Top of large jagged boulder at southwest side of Eagle I. It is setting on end. Leaning on a smaller rock.

4157 Northeast tip of light colored ledge on southeast side of Eagle I. Small spruce trees in grassland north of it.

4158 Top of ledge on southeast side of Eagle I. There is moss patch on top of it. Small coves in ledge west of it.

4159 Northeast tip of grass on point between two gravel beaches on east side of Eagle I.

4160 Top of light colored boulder at north end of gravel beach. Most northerly beach on west side of I. Rock is 2' high.
No.

4161 Base of 10' spruce tree on ledge on east side of Eagle I. Ledge is northerly of three ledges separated by crevices in between them.

4163 Northeast tip of grass on Hardhead I.

4164 Top of ledge on north side of Eagle I. At end of small point east of sand beach.

4165 Base of 30' spruce tree at west end of sand beach. At grassline.

4166 Top of ledge at east end of small gravel beach on northwest side of Eagle I.

4167 Northwest gable of green boathouse. Has white door.

4168 Top of black rock off point which is between two beaches on northwest side of Eagle I.

4169 Top of black ledge at end of long gravel point.

4170 West gable of yellow house. Has three windows at west end. Brick chimney in middle.

4171 "W. Gable White House." West gable of white house; has four windows in west end. (Recoverable Topographic station.)

4172 East tip of grass on Fling I.

4173 Southwest tip of grass on Fling I. on white ledge.

4174 Top of high light colored rock on northwest side of Fling I. There is shag nest on top of it.

4175 Highest part of Channel Rock.

4176 Highest part of Sloop I. Ledge.

4177 Center of grass patch on rock in grassland on Sloop I.
No. 4178 Highest part of east end of Spoon Ledge.
4179 Northeast tip of grass on Oak Is.
4180 Tip of highest ledge at southwest end of Oak I.
4181 Center of bush on southeast side of Oak I. 1' from grassline. There is ledge 1' east from it.
4182 East tip of grass on Oak I.
4183 Top of rock on side of hill in grassland. Northwest of highest spot on I.
4185 Top of rock on top of grassy place at most northwesterly part of Burnt I.
4219 Top of black boulder on sand beach on east side of Great Spruce Head I. At south end of beach.
4220 Top of black ledge on east side of Great Spruce Head I. At north end of sand beach.
4221 Top of grey colored ledge at south end of sand beach.
4222 Top of light colored boulder on ledge on east side of cove.
4223 Base of 5' spruce tree on prominent point in cove. In grassland 3 meters from grassline.
4224 Base of west abutment on east side of bridge. Largest abutment.
4225 South tip of grass on point. Between two small sand beaches.
4226 Highest part of offshore ledge. Has sand bar on it.
No.

4227 Base of 10' spruce tree. It is southwesterly of group of trees on point. It has boulder in ground at base of it.

4228 Top of pinnacle shaped rock on offshore ledge. It has bird's nest on it. Very jagged.

4229 Top of dark colored ledge at southwest tip of Horse Head I. It is not a very high ledge.

4230 East tip of vegetation on Horse Head I.

4231 Base of 35' spruce tree on west side of I. It is 6 meters from ledges. In group of spruces. Tallest of group.

4232 Top of boulder on northwest tip of Little Spruce Head I. Has small patch of grass on top, at north end of small gravel beach.

4233 Top of offshore rock off east side of Little Spruce Head I.

4234 Base of northerly of two bushy spruce trees on north end of field.

4235 Top of small light colored boulder near top of ledge at south end of small I.

4236 Base of lone bushy spruce tree on south side of Little Spruce Head I. East of sand beach in grassland. 10' tall.

4237 Center of brush patch on southerly point of I.

4238 Base of 15' lone spruce tree on west side of I. on rocky point, in grass. Ledge has white spot on west end of it.

4239 Base of 10' spruce tree near edge of ledge. It is half withered. There is bare spot in trees east of it on west side of I.
4240  "N. Gable Unpainted House." North gable of small unpainted house on north side of Scrag I. (Recoverable Topographic Station.)

4241  Base of tallest spruce tree on southwest end of Scrag I. 35' tall.

4242  Northwest gable of small unpainted house on north tip of Bear I.

4243  Northwest corner of wooden pier on point.

4244  Base of 3' spruce tree in large field on west side of Bear I. Northeast of sand beach.

4245  Top of black ledge on west side of Bear I. It has moss on it. On small gravel beach. Other ledge about same size 12 meters southwest of it.

4246  Base of most southerly tree on point. Southwest tip of I. Tree is at edge of cliff. 10' tall.

4247  Top center of large offshore rock. South of Bear I.

4248  Base of 3' spruce tree in field on southeast side of Bear I. At south end of ledge in grass.

4249  Top of rock at north end of small sand beach. Has yellow top.

4250  West tip of grass on ledge on west side of long narrow point. Southwest from smallest group of spruces.

4251  Center of grass on south section of grass ledge.

4252  Top center of offshore rock north of grass ledge.

4253  Top of largest of two offshore rocks northeast of Compass I.
No.

4254  Top of small light colored boulder 6' from northeast tip of grass on Compass I.

4255  Base of westerly of two spruce trees on side of bank. 8' tall. Easterly tree is at grass-line.
No.

3776 South tip of grass on high point. Trees 6 meters north from end of point.

3777 Center of round like grass patch on ledge. There is another grass patch 6' east of it. Dark green color. Ledge has no trees.

3778 Base of 7' spruce tree south of northeast tip of Bradbury I. It is lone spruce between two clumps of spruces.

3779 Top of flat ledge on east tip of island. There is a dead tree on higher ledge west of signal site.

3784 Top of small white topped ledge. It is 3' high on gravel beach. Northeast from high ledge.

3786 Base of 10' lone spruce tree on northwest end of Bradbury I. It is in small field on ledge.

3787 Southwest tip of point at High-Water Line. It is dark color.

3788 Base of most southerly spruce tree on point. Ten feet tall. It is sloping point.

3789 Highest part of south end of ledge on southeast side of Butter I.

3790 Top of large light colored boulder in rock pile on sand beach.

3791 Base of most northeasterly of 4 spruce trees in grassland, 5' from grassline.

3792 Base of double spruce tree in grassland. There is another spruce 20 meters from it.

3793 Base of 20' spruce tree. There is another spruce 10 meters west of it. There is a spruce 4 meters in front of it.
3794  Top of pinnacle shaped ledge. Largest ledge on rocky shore. Not visible on low water. (2687, 0696) Photos are picked up on field photo 2688.
3795  Top of pinnacle shaped rock on rocky shore. Clearing in trees on shore directly behind it.
3796  Top of pinnacle shaped rock off grassy point. North of sand bar. (Northwest end of Butter I.)
3797  Base of highest tree on highest part of northeasterly of Barred Is.
3798  "Rock Cairn". Top of rock cairn on highest part of northwesterly of Barred Islands. (Recoverable Topographic Station.)
3799  Base of most southwesterly spruce on northwesterly of Barred Islands. Double spruce 20' tall.
3800  Base of most southeasterly spruce tree on northeasterly of Barred Is.
3801  Northeast tip of grass on ledge.
3802  Top of largest rock on shoreline on west side of largest of Barred Is.
3803  Highest part of small island west of largest of Barred Is.
3804  Top of ledge on east side of one of Barred I. It is real ragged. Not very large. There is sand patch 10' north of it.
3805  Highest part of offshore ledge.
3806  Top of small rock on top of ledge. It has yellow moss on top of it 2' long.
3807  Top of light colored rock on beach at grassline. Has brown spot on it.
3808  Top of ledge on sand beach. Is brown color. Longest ledge on sand beach.
3809 Top of light colored boulder on southwest end of Is. 4' from grassline. There is iron spike sticking out of it and above it, 1'.

3811 Center of dark green patch of brush on point east of sand beach.

3812 Base of southeasterly of 2 spruces. At west end of elder patch. Two deciduous trees 17 meters southwest of it. 25' tall.

3813 Base of lone spruce tree. At grassline 20 meters west of white rock at grassline. 12' tall.

3814 Base of 30' spruce tree. It is 3 meters from where cliff drops off. There is dead tree 4 meters northeast of it.

3815 Base of 3' spruce tree at south end of trees on east side of island.

3816 Top of large white boulder in rocky shore of dark colored rocks. Has black spot on it.

3817 Top of ledge. It is 40 meters north of grassland. Has patch of grass on it.

3818 Top of ledge south of crevice in ledge. At south end of I. Twenty meters south of grassland.

3819 Center of patch of dark green brush on west side of I. On south side of point in grassland.

3820 Top of round like knob on highest part of ledge at north part of I.

3821 "East Gable Northerly Two Boat Houses." East gable of northerly of two boat houses. It is white near top. Has one window on east side. Marine railway in front of it. (Recoverable Topographic Station.)
No. 3622 Highest part of largest offshore ledge northeast and en east side of Great Spruce Head I.

3623 Highest part of offshore ledge. North end. South of sandy beach.

3624 Top of rock on offshore ledge at northeast side of Great Spruce Head I. Highest part of ledge on north end of southerly ledge.

3625 East tip of ledge at extreme north most part of Great Spruce Head I. (at High-Water Line.) It is long ledge with rough surface. Light colored.

3626 Top of rock at grassline and at foot of grassy bank. Has crack across side of it. Southwest of high ledge.

3627 Top of high grassy ledge at northwest tip of Great Spruce Head I. There is a smaller grassy ledge west of it.

3628 Base of westerly of two small spruce trees on ledge south of sand beach. They are 8' tall.

3629 Top of offshore ledge. It is west of smooth sand beach. There is small reef southwest of offshore ledge.

3630 Base of 20' husky spruce tree at edge of ledge south of patch of small rocks in cut in ledge. There is another spruce 6 meters north of it.

3631 Base of 10' spruce tree on bare place on southwest side of I. 10' tall. Ledge in grass 4 meters east of it.

4146 Base of 12' lone spruce tree on southeast side of Bald I. 1 meter from grassline. Near edge of cliff.

4147 Top of ledge at south tip of Bald I. There is shag nest on signal.
No.  

4148  Base of 4' spruce tree on ledge. It is most northwesterly tree of group of trees on ledge.

4149  Top of black colored ledge at north tip of Bald I.

4150  Base of 15' spruce tree on ledge on southwest side of I. Farthest southwest of any tree on Is.

4151  Top of black jagged ledge, (offshore) on east side of I.

4152  Top of dome shaped ledge on west side of I. Has sand on top of it.

4153  Top of dark colored rock off north side of I. Sits on ledge.

4154  Top of high ledge on west side of I. It has grass on top of it. White spots in ledge south of it.

4155  Top of high flat ledge at south tip of I.

4156  Top of large jagged boulder at southwest side of Eagle I. It is setting on end. Leaning on a smaller rock.

4157  Northeast tip of light colored ledge on southeast side of Eagle I. Small spruce trees in grassland north of it.

4158  Top of ledge on southeast side of Eagle I. There is moss patch on top of it. Small coves in ledge west of it.

4159  Northeast tip of grass on point between two gravel beaches on east side of Eagle I.

4160  Top of light colored boulder at north end of gravel beach. Most northerly beach on west side of I. Rock is 2' high.
No.

4161  Base of 10' spruce tree on ledge on east side of Eagle I. Ledge is northerly of three ledges separated by crevices in between them.

4163  Northeast tip of grass on Hardhead I.

4164  Top of ledge on north side of Eagle I. At end of small point east of sand beach.

4165  Base of 50' spruce tree at west end of sand beach. At grassline.

4166  Top of ledge at east end of small gravel beach on northwest side of Eagle I.

4167  Northwest gable of green boathouse. Has white door.

4168  Top of black rock off point which is between two beaches on northwest side of Eagle I.

4169  Top of black ledge at end of long gravel point.

4170  West gable of yellow house. Has three windows at west end. Brick chimney in middle.

4171  "W. Gable White House." West gable of white house; has four windows in west end. (Recoverable Topographic station.)

4172  East tip of grass on Fling I.

4173  Southwest tip of grass on Fling I. on white ledge.

4174  Top of high light colored rock on northwest side of Fling I. There is shag nest on top of it.

4175  Highest part of Channel Rock.

4176  Highest part of Sloop I. Ledge.

4177  Center of grass patch on rock in grassland on Sloop I.
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<th>No.</th>
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<tr>
<td>4178</td>
<td>Highest part of east end of Spoon Ledge.</td>
</tr>
<tr>
<td>4179</td>
<td>Northeast tip of grass on Oak Is.</td>
</tr>
<tr>
<td>4180</td>
<td>Tip of highest ledge at southwest end of Oak I.</td>
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<tr>
<td>4181</td>
<td>Center of bush on southeast side of Oak I. 1' from grassline. There is ledge 1' east from it.</td>
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<td>Top of rock on side of hill in grassland. Northwest of highest spot on I.</td>
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<td>4185</td>
<td>Top of rock on top of grassy place at most northwesterly part of Burnt I.</td>
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<tr>
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<td>Top of black boulder on sand beach on east side of Great Spruce Head I. At south end of beach.</td>
</tr>
<tr>
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<td>Top of black ledge on east side of Great Spruce Head I. At north end of sand beach.</td>
</tr>
<tr>
<td>4221</td>
<td>Top of grey colored ledge at south end of sand beach.</td>
</tr>
<tr>
<td>4222</td>
<td>Top of light colored boulder on ledge on east side of cove.</td>
</tr>
<tr>
<td>4223</td>
<td>Base of 5' spruce tree on prominent point in cove. In grassland 3 meters from grassline.</td>
</tr>
<tr>
<td>4224</td>
<td>Base of west abutment on east side of bridge. Largest abutment.</td>
</tr>
<tr>
<td>4225</td>
<td>South tip of grass on point. Between two small sand beaches.</td>
</tr>
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<td>4226</td>
<td>Highest part of offshore ledge. Has sand bar on it.</td>
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4227  Base of 10' spruce tree. It is southwesterly of group of trees on point. It has boulder in ground at base of it.

4228  Top of pinnacle shaped rock on offshore ledge. It has bird's nest on it. Very jaggered.

4229  Top of dark colored ledge at southwest tip of Horse Head I. It is not a very high ledge.

4230  East tip of vegetation on Horse Head I.

4231  Base of 35' spruce tree on west side of I. It is 8 meters from ledges. Tallest of group.

4232  Top of boulder on northwest tip of Little Spruce Head I. Has small patch of grass on top, at north end of small gravel beach.

4233  Top of offshore rock off east side of Little Spruce Head I.

4234  Base of northerly of two bushy spruce trees on north end of field.

4235  Top of small light colored boulder near top of ledge at south end of small I.

4236  Base of lone bushy spruce tree on south side of Little Spruce Head I. East of sand beach in grassland. 10' tall.

4237  Center of brush patch on southerly point of I.

4238  Base of 15' lone spruce tree on west side of I. on rocky point, in grass. Ledge has white spot on west end of it.

4239  Base of 10' spruce tree near edge of ledge. It is half withered. There is bare spot in trees east of it on west side of I.
4240 "N. Gable Unpainted House." North gable of small unpainted house on north side of Scrag I. (Recoverable Topographic Station.)

4241 Base of tallest spruce tree on southwest end of Scrag I. 35' tall.

4242 Northwest gable of small unpainted house on north tip of Bear I.

4243 Northwest corner of wooden pier on point.

4244 Base of 3' spruce tree in large field on west side of Bear I. Northeast of sand beach.

4245 Top of black ledge on west side of Bear I. It has moss on it. On small gravel beach. Other ledge about same size 12 meters southwest of it.

4246 Base of most southerly tree on point. Southwest tip of I. Tree is at edge of cliff. 10' tall.

4247 Top center of large offshore rock. South of Bear I.

4248 Base of 3' spruce tree in field on southeast side of Bear I. At south end of ledge in grass.

4249 Top of rock at north end of small sand beach.

4250 West tip of grass on ledge on west side of long narrow point. Southwest from smallest group of spruces.

4251 Center of grass on south section of grass ledge.

4252 Top center of offshore rock north of grass ledge.

4253 Top of largest of two offshore rocks northeast of Compass I.
4254  Top of small light colored boulder 6' from northeast tip of grass on Compass I.

4255  Base of westerly of two spruce trees on side of bank. 8' tall. Easterly tree is at grass-line.
GEOGRAPHIC NAMES

Undisputed

- Bald Island
- Barred Islands
- Bear Island
- Bradbury Island
- Burnt Island
- Butter Island
- Channel Rock
- Compass Island
  *Compass Island Ledge
- Eagle Island
- Fling Island
- East Penobscot Bay
- Penobscot Bay
- Horse Head Island

- Grass Ledge (two)
- Great Spruce Head Island
- Hardhead Island
- Little Spruce Head Island
  *Middle Rock
- Oak Island
- Scrag Island
- Sloop Island
- Sloop Island Ledge
- Spoon Ledge
- The Porcupines

*Not shown on Map Drawing because the image of this feature was not visible on any of the photographs, and because no field inspection data were submitted.

Names preceded by * are approved. 6-14-49

L. Heck
GEOGRAPHIC NAMES

Disputed

- Horse Head Island
- Horsehead Island
30 Mean High-Water Line

Although followed in compiling the shoreline, the 1943 field indications of the MHWL throughout the area were questioned during compilation review. (See field photographs).

After checking with previous surveys and comparing the 1943 field inspection with the adjoining 1946 field notes for T-8049 (see photograph 06886 and others), the MHWL was redrawn during final review 1 mm. more or less, further inshore on much of the map.

32 Offshore Details

In this area there are several minor discrepancies in the elevations and symbolizations of offshore features at high and low water between T-8033 and Charts 309 and 310.

43 Comparison with Previous Surveys

| T-1350(a) | 1:10,000 | 1874 |
| T-1350(b) | 1:10,000 | 1874 |

This map supersedes these surveys for nautical charting purposes.

45 Comparison with Nautical Charts

| Chart #309 | 1:40,000 | October 1947 |
| Chart #310 | 1:40,000 | November 1947 |

Also see remarks under item 32 and item 30. These line changes have been made on this manuscript since it was submitted to the Naval Charting Branch as noted in item 30 above.

47 Adequacy of the Compilation

This compilation meets the standards of required accuracy and the shoreline detail in its immediate vicinity is adequate as a base for charts and hydrographic surveys.

Reviewed by: A. Martin, 6-29-49

Under the direction of: A. V. Griffith

Approved by: B. J. Jones, 7/50

Tech. Asst. to Chief, Division of Photogrammetry

Chief, Div. of Photogrammetry

W. M. Averill, 7/50

Chief, Div. of Coastal Surveys
### Record of Application to Charts

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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.