U.S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey: Topographic
Field No.: CS-272-F
Office No.: T-8648

LOCALITY
State: Maine
General locality: Coastal Area
Locality: Bois Bubert Is. to Norton Is.

1944-'48
CHIEF OF PARTY
D.E. Sturmer

LIBRARY & ARCHIVES
DATE: June 10, 1949
DATA RECORD

T- 8648

Quadrangle (II): Bois Bubert, Maine

Project No. (II): CS-272-F

Field Office: Millbridge, Maine
Chief of Party: Dale E. Sturmer

Compilation Office: Baltimore, Md.
Chief of Party: Thos. B. Reed

Instructions dated (II III): June 19, 1945
Copy filed in Descriptive
Report No. T-- (VI)

Completed survey received in office: 12 - 9 - 48

Reported to Nautical Chart Section:

Reviewed: 3 - 11 - 49
Applied to chart No.  Date:

Redrafting Completed:

Registered: 4 - 21 - 49
Published:

Compilation Scale: 1:10,000
(Multiplex scale 1:8500)

Published Scale: 1:24,000

Scale Factor (III):

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

Reference Station (III): BOIS BUBERT, 1861

Lat.: 44° 26' 26.410"  Long.: 67° 52' 16.070"

Adjusted

State Plane Coordinates (VI):

\[ X = \quad Y = \]

Military Grid Zone (VI)
Pigeon Hill Bay; Trafton Island, Narraguagus Bay and
Gibbs Island, Pleasant River.

Mean Range: 11.1' to 11.3'  Spring Range: 12.7' to 12.9'

Camera: (Kind or source)

Field Inspection by: M.G. Misulian
I. Zeripel

Field Edit by: G.E. Varndoe

Date of Mean High-Water Line Location (III): Aug. to Oct. 1945

Projection and Grids ruled by (III) S. Rose
date: 12-26-45

" " " checked by: S. Rose
date: 12-26-45

Control plotted by: R.J.F. and B. Wilson
date: Nov. 1946

Control checked by: N.S.S., B. Wilson, and H.P. Eichert
date: Nov. 1946

Initial Radial Plot by: A.C. Rauck, Jr.
Bridged with multiplex
date: May 1947

Multiplex Detailed by: A.K. Heywood, E.L. Bauman, H.P. Eichert
date: Feb. to Sept. 1947
Shoreline detailed by: Bernice Wilson
Feb. 1948

Reviewed in compilation office by: A.C. Rauck, Jr.
date: April 1948

Elevations on Field Edit Sheet
checked by: A.C. Rauck, Jr.
date: April 1948
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): 1 statute mi.

Number of Recoverable Topographic Stations established: 12

Number of Temporary Hydrographic Stations located by radial and multiplex plot: 154

Leveling (miles): See Descriptive and Seasons Report, Project CS-272-F, December 26, 1945, Dale E. Sturmer. Filed in Div. of Photogrammetry-General Files

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:
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
<th>LATITUDE OR ( \nu )-COORDINATE</th>
<th>LONGITUDE OR ( x )-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>DATUM CORRECTION</th>
<th>N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
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</thead>
<tbody>
<tr>
<td>Narraguagus L.H. 1861</td>
<td>U.S.C. &amp; G.S. G.P.List</td>
<td>1861</td>
<td>67 49 54.528</td>
<td>54.528</td>
<td>652.5</td>
<td>1199.5</td>
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</tr>
<tr>
<td>Norton Island Beacon, 1913</td>
<td>U.S.C. &amp; G.S. G.P.List</td>
<td>1913</td>
<td>67 49 54.528</td>
<td>67 49 54.528</td>
<td>652.5</td>
<td>1199.5</td>
<td></td>
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<tr>
<td>Pond Island, Ho., Cupola Flagstaff '13</td>
<td>U.S.C. &amp; G.S. G.P.List</td>
<td>1913</td>
<td>44 27 44.455</td>
<td>44 27 44.455</td>
<td>1372.2</td>
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<tr>
<td>Thapton Half Tide Ledge B'N., 1913</td>
<td>U.S.C. &amp; G.S. G.P.List</td>
<td>1913</td>
<td>44 29 56.315</td>
<td>67 50 08.967</td>
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</tbody>
</table>

COMPUTED BY: SWT., AKH., HPE. DATE: Winter 1946-1947
CHECKED BY: EIB., AKH., SWT. DATE: Winter 1946-1947
<table>
<thead>
<tr>
<th>STATION</th>
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<th>DATUM</th>
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<th>LONGITUDE OR x-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET OR PROJECTION LINE IN METERS</th>
<th>DATUM CORRECTION</th>
<th>N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
<th>FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
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</thead>
<tbody>
<tr>
<td>DIET, 1945</td>
<td>U.S.C. &amp; G.S. G.P. List</td>
<td>N.A. 1927</td>
<td>44 22</td>
<td>23.81</td>
<td></td>
<td>735.0</td>
<td>1117.0</td>
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</tr>
<tr>
<td>S.S. DIET, 1945</td>
<td>&quot;</td>
<td>&quot;</td>
<td>44 22</td>
<td>29.96</td>
<td></td>
<td>665.4</td>
<td>665.1</td>
<td></td>
</tr>
<tr>
<td>DENT, 1945</td>
<td>&quot;</td>
<td>&quot;</td>
<td>44 22</td>
<td>30.628</td>
<td></td>
<td>790.3</td>
<td>1061.7</td>
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</tr>
<tr>
<td>S.S. DENT, 1945</td>
<td>&quot;</td>
<td>&quot;</td>
<td>44 22</td>
<td>29.96</td>
<td></td>
<td>670.2</td>
<td>658.3</td>
<td></td>
</tr>
<tr>
<td>PETIT MANAN</td>
<td>&quot;</td>
<td>&quot;</td>
<td>44 22</td>
<td>02.809</td>
<td></td>
<td>142.8</td>
<td>1709.2</td>
<td></td>
</tr>
<tr>
<td>L.H., 1860</td>
<td>&quot;</td>
<td>&quot;</td>
<td>67 51</td>
<td>53.071</td>
<td></td>
<td>1320.4</td>
<td>8.1</td>
<td></td>
</tr>
</tbody>
</table>

1 FT = 304.8006 METER
SW.T, AKH., HPE
DATE WINTER 1946-1947
CHECKED BY E.L.B., A.K.H., S.W.T.
DATE WINTER 1946-1947
FIELD REPORT
TOPOGRAPHIC MANUSCRIPT T - 8648

There is no individual field report for this survey. See Descriptive and Seasons Report for this project.

Filed in Div of Photogrammetry - General Files
COMPILATION REPORT
TOPOGRAPHIC MANUSCRIPT        SURVEY NO. T-8648

26. CONTROL

With the exception of DEAL, 1945, and NORTON ISLAND BEACON, 1913, all other horizontal control in this survey was adequate.

These two stations were not easily identified in the multiplex models. However, it is believed that they were identified sufficiently to be held within an error that is negligible.

Refer to Compilation Report and Descriptive and Seasons Report for this project, December 30, 1947 and December 26, 1945, respectively. Filed in Div. of Photogrammetry - General Files

27. RADIAL PLOT

A radial line plot of this survey was made at the Washington Office.

This plot was made with the purpose of establishing pass points as secondary control for multiplex plotting. Sub. Pt. TRAF, 1913, could not be held in the radial plot and its position was re-picked in the Washington Office.

This survey was bridged by multiplex and Sub. Pt. TRAF, 1913 was held to its new position. It is believed that the sub. pt. was misidentified by the field party.

Due to inability to clear parallax and horizontalize the multiplex models covering the island JORDANS DELIGHT, it was necessary to detail by the radial plot method.

A careful review was made of the radial plot in the vicinity of this island. The pass points of the radial plot were found satisfactory and detail points were established.

It was also necessary to utilize radial plot pass points to complete the islands of Egg Rock, Norton Island Ledge, and Big Pot in this survey.

28. DETAILING

The map manuscript detail with the exception of increased lettering size, is as set forth in Photogrammetry Instructions No. 17, dated Sept. 15, 1947.
28. **DETAILING (Continued)**

Several islands in this survey could not be completed insofar as contours are concerned. These, Flint Island and Shipstern Island, are not covered by photography suitable for multiplex plotting.

A vertical reflection projector was used with photograph 44-C-1364 to plot these islands.

The photograph image was held to horizontal control sub. pt. COUP, 1945, and multiplex detail points along the south end of Dyer Island. Detail points and photo-hydro points were then plotted on the manuscript. Planimetry and shoreline detail was then traced directly from the field inspection print onto the manuscript.

In order to include Green Island/Petit Manan Island in this survey, it was necessary to displace their positions. (Shown as an Inset)

As there was not sufficient space to detail these islands in their true positions, they were displaced to the southeast corner of this quadrangle. These are appropriately labeled as to name and true position.

Neither radial plot nor multiplex methods were used to plot these islands. Three horizontal control stations are located on these islands. These were held to scale and orient photographs for compilation.

29. **SUPPLEMENTAL DATA**

None.

30. **MEAN HIGH WATER LINE**

Field inspector's interpretation of mean high water line was verified by stereoscopic means.

Refer to "Shoreline and Hydrographic Station Location" of Compilation Report, December 30, 1947 for shoreline compilation method.

31. **LOW WATER AND SHOAL LINES**

Low water lines of positive identification by the field party are labeled "L.W.L." on the map manuscript.

Refer to Descriptive and Seasons Report, "MEAN LOW WATER LINE".

Where the field party's identification of low water line coincided with the compilers interpretation of ledge areas, the ledge line was labeled "L.W.L."

See Item 31 - Review Report for T&E 647
32. DETAILS OFFSHORE FROM THE HIGH WATER LINE

Many rocks indicated by the field party are not shown on the manuscript. Only those rocks lying at the ledge line or off the ledge shelf have been shown, while many inshore ledge rocks have been omitted. These are not considered to be a danger to navigation as large areas of the ledge shelf are awash at mean high water.

Rocks of questionable position are noted on the manuscript for investigation by the hydrographer.

Refer to "Descriptive and Seasons Report" for this project.

33. WHARVES AND SHORELINE STRUCTURES

There are no piers along the shoreline of this survey.

Barriers or enclosures for lobster pounds, a boat slide, and lighthouse cable entrance are the only shoreline structures in the survey.

34. LANDMARKS AND AIDS TO NAVIGATION

Refer to "Landmarks and Aids to Navigation" of Descriptive and Seasons Report for this project.

There are four non-floating aids to navigation and two landmarks included in this survey. These are previously established horizontal control stations.

35. HYDROGRAPHIC CONTROL

The following topographic station and photo-hydro stations could not be plotted accurately and were therefore omitted from the manuscript:

T.S. 2526, 2917 B, 2918, 2923, 2941, 2968, 2969.

Refer to "Hydrographic Control" of Descriptive and Seasons Report and Compilation Report for this project.

36. LANDING FIELDS AND AERONAUTICAL AIDS

None.

37. JUNCTIONS

Junctions were completed as follows:

North, with T-8644
East, No Junction necessary, water area—Junction checked (Depth Curves)
South, " " " " "
West, with T-8647
38. **GEOGRAPHIC NAMES**

Approved list filed in the Geographic Names Section.

No geographic name survey was made for this quadrangle.

Names were taken from U.S.C. & G.S. Chart 305, March 1931 (fourth edition), and a list accompanies this report.

39. **BOUNDARIES**

This survey is not included in The Special Report, Boundaries, Maine, July 1946.

The Hillbridge-Harrington and Harrington-Addison townlines have not been completed in this survey. These boundary lines lie in the Narraguagus Bay and Pleasant Bay, and are noted on the manuscript for completion by the field edit party.

40. **VERTICAL CONTROL**

Due to inadequate vertical control in model 44-C-1141-1142, the model could not be leveled satisfactorily and form lines rather than contours were drawn in the area. These form lines are not to be accepted, and the area should be checked or contoured by the field edit party.

41. **REMARKS**

The representation of planimetric and topographic features of this manuscript is believed to be within the allowable error established under War Mapping Project CS-290, dated November 16, 1942.

No discrepancy overlay was prepared for this manuscript. Only a few discrepancies were encountered and these are noted on the manuscript.

Shipstern Island, Flint Island, and Jordans Delight were covered by photography not suitable for multiplex plotting. These islands must be contoured by the field edit party.

44. **COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES**


Culture and topography in general are in agreement.

45. **COMPARISON WITH NAUTICAL CHARTS**

45. COMPARISON WITH NAUTICAL CHARTS (Continued)

The projected image of this chart enlarged to the scale of the manuscript was used to make a more thorough comparison.

The shoreline of Norton Island is displaced southwesterly from its charted position.

Pot Rock
Big Pot, a rock south of Norton Island, is also displaced southwesterly.

Mackerel Rock is displaced to the southeast of its charted position. This displacement is so great, that the manuscript position which is approximate, should be investigated. See Review Report Item 2B

The east shore of Joe Dyer Point is displaced easterly from its charted position.

The southeast shore and pond of Bois Bubert Island at Big Head, and the northeast shore of Little Bois Bubert Island is displaced easterly from its charted position.

It is believed that upon completion of the hydrographic features the manuscript should supersede all other charted data.
Respectfully submitted

Albert C. Rauck, Jr.
Albert C. Rauck, Jr.,
Engineering Draftsman
Descriptive Report and Review

Bernice Wilson
Bernice Wilson
Engineering Aid (Cartographic)

Stanley W. Trow
Supervisor

Approved and forwarded
May 1948

Thos. B. Reed
Officer in Charge
Baltimore Photogrammetric Office
GEOGRAPHIC NAMES
T-8648

- Addison
  - Baldwin Head
  - Bar Island
  - Big Head
  - Pot Rock (recent USGS decision)
  - Black Ledge
  - Bobby Creek
  - Bois Bubert Island
  - Coles Ledge
  - Currant Island
  - Douglas Island Harbor
  - Douglas Island Ledge
  - Douglas Islands
  - Dyer Island
  - Egg Rock
  - Flint Island
  - Flint Island Narrows
  - Green Island
  - Gull Rocks
  - Harrington
  - Jerry Ledge
  - Joe Dyer Point
  - Jo Leighton Ground
  - Jordans Delight
  - Jordans Delight Ledge
  - Little Bois Bubert Harbor
  - Little Bois Bubert Island
  - Lower Middle Ground
  - Mackerel Rock
  - Millbridge
  - Monomoon Cove
  - Narraguagus Bay
  - Norton Island
  - Norton Island Ledge
  - Pea Island Ledges
  - Petit Manan Island
  - Petit Manqin Reef
  - Pigeon Hill Bay
  - Pleasant Bay
  - Pond Island
  - Seal Cove
  - Seal Cove Ledge
  - Shipstern Island
  - Smith Cove
  - Stover Cove
  - Tibbett Rock (Lat. 44° 23' W
  - Tommy Island
  - Trafford Half Tide Ledge
  - Trafford Island Ledge
  - Watts Cove
  - Western Reef
  - Whale Ledge
  - Trafford Island

* These township names from
U. S. Geological Survey,
Petit Manan, Quadrangle.

Plus:
- Norton Island Reef
- Southwest Cove
- Pond Island Ledge

Before field edit: names preceded by * are approved.
6/1/48 L. Heck
Final check 2/1/49 L.H.

Add:
- Jackson Ledge

* = use old name pending
U.S.G.S.G.N. decision.
I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted on the charts indicated.

The positions given have been checked after listing by

<table>
<thead>
<tr>
<th>CHARTING NAME</th>
<th>DESCRIPTION</th>
<th>SIGNAL NAME</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>METHOD OF LOCATION AND SURVEY NO.</th>
<th>DATE OF LOCATION</th>
<th>CHARTS AFFECTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bn.</td>
<td>Trafton Half tide Ledge Daybeacon</td>
<td>44 29 1738.3</td>
<td>67 50 198.1</td>
<td>NA</td>
<td>Triang</td>
<td>1913</td>
<td>305, 1201</td>
</tr>
<tr>
<td>Bn.</td>
<td>Norton Island Daybeacon</td>
<td>44 29 926.3</td>
<td>67 45 560.2</td>
<td>&quot;</td>
<td>&quot;</td>
<td>1913</td>
<td>304, 305, 1201</td>
</tr>
<tr>
<td>Bn.</td>
<td>Jordans Delight Ledge Daybeacon</td>
<td>44 25 898.9</td>
<td>67 48 1251.3</td>
<td>&quot;</td>
<td>&quot;</td>
<td>1913</td>
<td>305, 1201</td>
</tr>
<tr>
<td></td>
<td>Petit Manan Lighthouse</td>
<td>44 22 86.7</td>
<td>67 51 1175.1</td>
<td>&quot;</td>
<td>&quot;</td>
<td>1860</td>
<td>305, 1201</td>
</tr>
<tr>
<td>Gupola</td>
<td>Pond Island, House, Gupola</td>
<td>44 27 1372.2</td>
<td>67 50 401.2</td>
<td>&quot;</td>
<td>&quot;</td>
<td>1913</td>
<td>305, 1201</td>
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<tr>
<td>Tower</td>
<td>Narraguagus Lighthouse</td>
<td>44 27 652.5</td>
<td>67 49 1205.6</td>
<td>&quot;</td>
<td>&quot;</td>
<td>1861</td>
<td>305, 1201</td>
</tr>
</tbody>
</table>

Samuels J. 69 (49)
NOTES TO HYDROGRAPHER
FOR 48
SURVEY T - 8684

Notes, relevant to hydrographic features to be investigated, are lettered on the map manuscript.

The following list of photo-hydro stations, with descriptions and reference numbers, are within this survey.

<table>
<thead>
<tr>
<th>Signal Description No.</th>
<th>Photo. No.</th>
<th>Height above MHW</th>
</tr>
</thead>
<tbody>
<tr>
<td>1460 NE gable of boathouse on NW end of island, 15 m. SW of MHW.</td>
<td>1368</td>
<td>20'</td>
</tr>
<tr>
<td>1461 Ledge flush with ground, 3M E of grass line, about 25M from MHW and 2M from large spot of ledge. Pile of rocks for identification.</td>
<td>1368</td>
<td>10'</td>
</tr>
<tr>
<td>1462 Large boulder 3M SW of MHW, 10M W of black ledge, 20M W of light ledge, and 25M out from grass line.</td>
<td>1368</td>
<td>2'</td>
</tr>
<tr>
<td>1463 Point of grass on red ledge. About 6M S of MHW.</td>
<td>1368</td>
<td>6'</td>
</tr>
<tr>
<td>1464 N gable of 8' by 10' tar paper shack, about 20M N of MHW.</td>
<td>1368</td>
<td>20'</td>
</tr>
<tr>
<td>2518 SE gable 1 story unpainted house. Screened porch on NE side. Large bay window on SE side.</td>
<td>796</td>
<td>25'</td>
</tr>
<tr>
<td>2519 45' pointed spruce at edge of tree line. There is a dead birch 5M to W, and a 30' spruce 10M to E.</td>
<td>796</td>
<td>3'</td>
</tr>
<tr>
<td>2520 30' juniper, tallest and most northerly of a group. There is a 20' birch south of the juniper.</td>
<td>796</td>
<td>6'</td>
</tr>
<tr>
<td>2521 30' pointed spruce on brush line. Another spruce is 4M to NW, and a dead birch is 10M to SW.</td>
<td>796</td>
<td>2'</td>
</tr>
<tr>
<td>2522 35' pointed spruce at edge of 3' ledge bank, the most southwesterly in a group of tall spruces. A dead spruce (with top half of trunk gone) is 1M to NE.</td>
<td>796</td>
<td>3'</td>
</tr>
<tr>
<td>2523 Brown gray boulder, 6 meters E of MHWL. Just N of sand beach.</td>
<td>796</td>
<td>3'</td>
</tr>
<tr>
<td>2524 8' double spruce, most northerly spruce on point.</td>
<td>796</td>
<td>3'</td>
</tr>
<tr>
<td>2525 10' flat top spruce. Another 10' spruce 2 meters N of it.</td>
<td>795</td>
<td>8'</td>
</tr>
</tbody>
</table>
Signal Description

No. | Description                                                                                                                                 |
--- | -------------------------------------------------------------------------------------------------------------------------------------------|
2675 | 30' blazed spruce, no branches on lower half, on edge of rock cliff. Some tall spruces are east.                                                   |
2677 | 30' spruce, about 3M to MHW, tallest in group. A leaning spruce is to SE.                                                                    |
2678 | 30' spruce, tallest in immediate area. A 5' spruce is 6M to S.                                                                                   |
2679 | 15' double spruce, about 6 M N of MHW. A group of small spruces is 3M to the SE.                                                           |
2680 | Rotted tree stump on the SW side of an earth mound on ledge. A similar earth mound 10M to NE.                                               |
2681 | 35' spruce, most northwesterly on point. A group of spruces is inshore from station.                                                         |
2682 | 10' spruce, most southerly on point, on edge of mud bank, and about 3 M S of a group of spruces.                                             |
2683 | 10' spruce on edge of cliff, just NE of a small clearing and just NE of a ledge point.                                                        |
2684 | Chimney in approx. center of 1 1/2 story red brick house. Chimney is on the E section of house and 1' S of ridge.                                |
2685 | Most northerly spruce, 10M SW of shack.                                                                                                       |
2686 | 10' double spruce, most northwesterly of a group, about 3M E of ledge bank.                                                                 |
2687 | 30' spruce with no branches on upper half. A 6' spruce is about 10M to SE.                                                                    |
2688 | 20' Y-shaped spruce on side of ledge. Another spruce is about 20M to NW.                                                                      |
2689 | 4' boulder, largest black boulder in vicinity. There is a large brown boulder 1M offshore.                                                |
2691 | 8' spruce, blazed on S. side, on SE corner of hill, just S of brush line, bottom branches cut off. There is a rock ledge 1M to SE, a clump of brush 3M to E, and a pile of rocks on ledge 1M to S. |
2692 | 10' dead tree stump on highest part of point. There is a 5' double spruce about 2 M to the S and another dead tree stump about 12M to the NW. |
<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2693</td>
<td>25' spruce, most westerly on E side of cove. A dead tree stump (trunk) is about 3M to E. Sta. tree is on edge of earth bank, and blazed on W. side. 1140 10'</td>
</tr>
<tr>
<td>2694</td>
<td>About 25' unblazed bushy spruce, about 60M to MHW and about 5M W of brush line. Largest spruce in near area. Grove of junipers begins about 50M to SW. 1140 7'</td>
</tr>
<tr>
<td>2695</td>
<td>About 8' unblazed spruce, about 9M W of MHW. A small clump of spruces is about 5M to W, and a 20' birch is about 11 M to WSW. 1140 6'</td>
</tr>
<tr>
<td>2696</td>
<td>About 13' unblazed double spruce, about 23 M W of MHW, about 20M W of grass line. An 8' tree stump is about 16 M to NE. 1141 7'</td>
</tr>
<tr>
<td>2697</td>
<td>About 35' unblazed spruce, largest, most prominent tree near point, about 11M to N of MHW, about 3M to N of grass line. 1141 8'</td>
</tr>
<tr>
<td>2698</td>
<td>55' gray boulder, about 10' long N to S and 10' wide, about 55M to SE of MHW. Two 30' birches are about 40M to W. 1141</td>
</tr>
<tr>
<td>2699</td>
<td>Lone 35' spruce, about 90M to NW of point. Lower half of tree has few branches. 2108 4'</td>
</tr>
<tr>
<td>2664</td>
<td>25' spruce surrounded by 3 dead spruces. Very top of spruce is bare. 2108 4'</td>
</tr>
<tr>
<td>2665</td>
<td>SW corner of black ledge, in center of which are small spruces. Pile of rocks at station. 2108 20'</td>
</tr>
<tr>
<td>2667</td>
<td>High point of black ledge on N side of a long strip of black ledge. A similar ledge is to SE. Pile of rocks on station. 2108 6'</td>
</tr>
<tr>
<td>2668</td>
<td>30' spruce, largest tree in vicinity and E of a group of spruces. 2108 15'</td>
</tr>
<tr>
<td>2671</td>
<td>Red brick chimney 2M to SW of NE gable of white shingled house with screened porch on NW side. 2107 30'</td>
</tr>
<tr>
<td>2672</td>
<td>N gable of 1-story white house with red roof and red brick chy. Door and 3 windows on W. side. 2107 20'</td>
</tr>
<tr>
<td>2674</td>
<td>6' brown boulder, largest in vicinity. Has a crack running E and W. 2107 3'</td>
</tr>
<tr>
<td>2675</td>
<td>W. corner of ledge. Two 4' spruces are to N and W about 10M apart. A 7' pear tree is on NE end of ledge. A pile of stones with pole in it is on station. 2107 10'</td>
</tr>
<tr>
<td>Signal Description</td>
<td>No.</td>
</tr>
<tr>
<td>--------------------</td>
<td>-----</td>
</tr>
<tr>
<td>2876 30' spruce. There is a large 8' boulder 8M to S, and a black 4' boulder 10M to SE.</td>
<td>2107</td>
</tr>
<tr>
<td>2877 15' lone spruce, most southeasterly on island.</td>
<td>2106</td>
</tr>
<tr>
<td>2878 15' spruce, most northerly on island. Small clearing on each side. Blazed on N. side.</td>
<td>2106</td>
</tr>
<tr>
<td>2880 S gable of 1-story house. Porch on S side and two windows on N side. Unpainted shingles.</td>
<td>2105</td>
</tr>
<tr>
<td>2881 25' spruce on NW side of clearing. A 2' spruce in center of clearing 20M to S.</td>
<td>2105</td>
</tr>
<tr>
<td>2882 30' spruce, lower 1/3 of which leans to W. There is a group of boulders 4M to N, a group of birches 15M to N, and a birch directly behind the boulders.</td>
<td>2105</td>
</tr>
<tr>
<td>2883 10' spruce, most northerly on point. There is a dead tree 5M to NW.</td>
<td>2105</td>
</tr>
<tr>
<td>2884 3' brown boulder just N of ledge point.</td>
<td>2105</td>
</tr>
<tr>
<td>2885 25' bushy spruce, very wide at base and flat topped. Small clearing to SW.</td>
<td>2105</td>
</tr>
<tr>
<td>2886 20' double juniper, 20M to NE of point of land, and in clearing.</td>
<td>2105</td>
</tr>
<tr>
<td>2887 20' spruce, most southwesterly on small island.</td>
<td>2105</td>
</tr>
<tr>
<td>2888 30' pointed spruce on S side of brush clearing. Large dead birch nearby. Group of smaller spruces around it.</td>
<td>2105</td>
</tr>
<tr>
<td>2889 30' spruce at back end of cut in ledge. There is a 1' birch stump 1M to S.</td>
<td>2105</td>
</tr>
<tr>
<td>2890 30' spruce at edge of brush line. A leaning spruce 10M to N. Dead tree between the 2 trees.</td>
<td>2105</td>
</tr>
<tr>
<td>2891 35' four-trunk spruce. Dead birch at its base. 25M to NE of point.</td>
<td>2105</td>
</tr>
<tr>
<td>2892 Many trunked spruce. On S side of small cove, at back limits of marsh.</td>
<td>2105</td>
</tr>
<tr>
<td>No.</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
<td>------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>2893</td>
<td>35' spruce, most southerly of a group, on S side of small cove.</td>
</tr>
<tr>
<td>2894</td>
<td>15' spruce on E side of a pond. A small bushy spruce is 4M to SE.</td>
</tr>
<tr>
<td>2895</td>
<td>15' spruce, blazed on SE side, 10M to E of inshore end of strip of black ledge. A 35' spruce is 4M to N and a dead tree is at back limits of black strip of ledge.</td>
</tr>
<tr>
<td>2896</td>
<td>35' spruce, 6M to NE of a larger spruce. On NE end of gravel beach as it appears at high tide.</td>
</tr>
<tr>
<td>2897</td>
<td>20' spruce, most easterly on point of land. About 15M to SE of 1-story log bungalow. At edge of grass line. 8' spruce 3M to SW.</td>
</tr>
<tr>
<td>2898</td>
<td>30' spruce on S side of small clearing. 6M to the S is a 35' spruce which has no branches on lower half, and 8 M to NW is a bushy 10' spruce.</td>
</tr>
<tr>
<td>2899</td>
<td>Red brick chimney in center of 2 story white house, on SW end of lobster pound.</td>
</tr>
<tr>
<td>2901</td>
<td>30' spruce, most southerly of a wooded area. A 45' double spruce is 15M to NE.</td>
</tr>
<tr>
<td>2902</td>
<td>8' spruce about 6M S of rock pile used for target practice.</td>
</tr>
<tr>
<td>2903</td>
<td>35' lone spruce 15 M to E and 30M to N of tree line.</td>
</tr>
<tr>
<td>2904</td>
<td>20' bushy spruce, most southerly on point.</td>
</tr>
<tr>
<td>2905</td>
<td>15' spruce on edge of 10' white ledge bluff. About 1M to SE is a taller spruce.</td>
</tr>
<tr>
<td>2906</td>
<td>30' spruce, flat top, trunk crooked at top.</td>
</tr>
<tr>
<td>2907</td>
<td>20' bushy spruce. Just SW of a small gravel beach.</td>
</tr>
<tr>
<td>2908</td>
<td>10' bushy spruce, 3M to W of brush line. A thin 6' spruce is 3M to NE of a group of junipers are around the station tree.</td>
</tr>
<tr>
<td>2909</td>
<td>20' spruce, on E edge of ledge. Largest spruce on N side of point. A 10' juniper is about 25M to the SW.</td>
</tr>
<tr>
<td>2911</td>
<td>20' bushy spruce, just SW from a long strip of black ledge. An 8' spruce is 3M to W. A 4' dead tree trunk is about 15M to S.</td>
</tr>
<tr>
<td>2912</td>
<td>15' double spruce, largest of a group, just E of brush.</td>
</tr>
</tbody>
</table>
Signal Description

No. | Description                                                                 | Photo. No. | Height above MHW
----|-----------------------------------------------------------------------------|------------|-------------------
2913 | Point of grass. Pile of rocks with pole in center at station.               | 2108       | 6'                
2914 | South tip of brush point. Just back of rock ledge. Another patch of brush is to the N. Rock pile and pole at station. | 2108       | 7'                
2915 | Bushy 10' spruce with many trunks. A 5' spruce is 7m to W.                 | 2108       | 7'                
2916 | East gable of 1-story shack, window on S side, unstained shingle.           | 2108       | 15'               
2917 | SE gable of 1-story shack. Another shack about 20m to S. 2108 10'           |            |                   
2917A| North tip of grass on N end of island. A rock pile with a 6' birch pole is at station. Station is about 25m to SW of break between Bois Bubert I. and Little Bois Bubert Island. Sta. is at low spot in ground, about 6' above MHW. A 5' pole is between the two islands about 25m to NE. | 2108       | 6'                
2919 | 18' spruce on point most northwesterly of a group. A dead birch is 2m to SE. | 795        | 2'                
2920 | Top of 30' leaning spruce.                                                 | 795        | 3'                
2921 | SW gable of large shingled barn. Door on SW side. In clearing on top of rise.| 795        | 25'               
2922 | 12' spruce on edge of brush line. Group of spruces 20m to SW.               | 795        | 1'                
2924 | 10' spruce, most northeasterly on point. A dead spruce is 10m to NW lying on ledge. | 2105       | 5'                
2925 | 25' spruce, midway between 2 groups of spruces. A dead tree is 10m to NW.  | 2105       | 3'                
2926 | Most northwesterly of two 20' leaning spruces. 12m to SW of point.         | 795        | 1'                
2927 | 30' spruce, largest and most southerly on point.                           | 795        | 3'                
2928 | 25' spruce on E side of marshy cove. Most southwesterly of a group of spruces. Similar spruce 3m to E. | 2105       | 2'                

Page 6
<table>
<thead>
<tr>
<th>Signal Description</th>
<th>Photo No.</th>
<th>Height above MHW</th>
</tr>
</thead>
<tbody>
<tr>
<td>2929 6' spruce on point. A 4' spruce with a birch stump alongside of it is 2M to NW. A group of birches is to the S.</td>
<td>795</td>
<td>3'</td>
</tr>
<tr>
<td>2930 25' double spruce, tallest on ledge point.</td>
<td>2107</td>
<td>3'</td>
</tr>
<tr>
<td>2931 20' spruce, crooked on top.</td>
<td>2107</td>
<td>13'</td>
</tr>
<tr>
<td>2932 6' spruce on point in center of cove.</td>
<td>2107</td>
<td>8'</td>
</tr>
<tr>
<td>2933 20' dark spruce, most southwesterly and largest on point.</td>
<td>2107</td>
<td>18'</td>
</tr>
<tr>
<td>2934 Most northeasterly spruce on island.</td>
<td>2107</td>
<td>4'</td>
</tr>
<tr>
<td>2935 40' spruce, largest in immediate vicinity. About 23 m. 3 of northern end of island.</td>
<td>793</td>
<td>25'</td>
</tr>
<tr>
<td>2936 30' spruce, most southerly on N side of deep cut in ledge. A black strip of ledge is about 3M to S.</td>
<td>793</td>
<td>30'</td>
</tr>
<tr>
<td>2937 35' spruce on S end of island, 10M to NW of deep cut in ledge. Part of a dead spruce 8M to W. Most southwesterly of a group of spruces.</td>
<td>793</td>
<td>20'</td>
</tr>
<tr>
<td>2938 25' spruce at edge of ledge bluff, 6m to NW of deep cut in ledge. A dead tree trunk is 3M to NE lying on ground and points to SE.</td>
<td>793</td>
<td>15'</td>
</tr>
<tr>
<td>2940 30' spruce, 12M to SW of MHW. 10M to S of a group of smaller spruces. A taller dying spruce is 10M to SE.</td>
<td>793</td>
<td>12'</td>
</tr>
<tr>
<td>2942 30' spruce, most southwesterly on island. A group of dead trunks is to NW.</td>
<td>793</td>
<td>20'</td>
</tr>
<tr>
<td>2943 Most northeasterly spruce on island. Blazed on E. side.</td>
<td>793</td>
<td>10'</td>
</tr>
<tr>
<td>2944 4' brown boulder on a black ledge on MHW. There is a large dark bluff about 10M to S. Largest brown boulder on NW side of island.</td>
<td>793</td>
<td>4'</td>
</tr>
<tr>
<td>2945 25' double spruce, most easterly spruce on island. There is a cut in black ledge 4M to E, a large cut in ledge 15M to S, and 1' tree stump 10M to S.</td>
<td>793</td>
<td>15'</td>
</tr>
<tr>
<td>2946 Center of maroon color rock with longer axis E and W, on top a flat dark ledge, and just offshore from a greenish ledge bluff. A deep cut in ledge is 15M to W.</td>
<td>793</td>
<td>7'</td>
</tr>
<tr>
<td>Signal Description</td>
<td>Photo No.</td>
<td>Height above MHW</td>
</tr>
<tr>
<td>--------------------</td>
<td>-----------</td>
<td>-----------------</td>
</tr>
<tr>
<td>2947 6' spruce, most southerly on island. There is a small pool on ledge 12M to SW, inshore from which is a greenish white ledge. Two 4' spruces, one of them dead, are next to station.</td>
<td>793</td>
<td>20'</td>
</tr>
<tr>
<td>2962 35' spruce on SW corner of island. Tallest in a group of spruces.</td>
<td>2105</td>
<td>5'</td>
</tr>
<tr>
<td>2964 Center of light grey boulder, on a dark ledge, about 25M to E of N end of group of dead trees. A light brown boulder is 3M to SE.</td>
<td>1138</td>
<td>5'</td>
</tr>
<tr>
<td>2965 Dark 8' ledge on S end of island. There is a crack in the middle in shape of triangle. Similar ledge 4M to N which has grass growing in middle. In line with deep cut in ledge about 35M to S.</td>
<td>1138</td>
<td>25'</td>
</tr>
<tr>
<td>2966 W end of narrow section of ledge. Ledge has two holes in center.</td>
<td>1138</td>
<td>15'</td>
</tr>
<tr>
<td>2967 Hole in center of bluish ledge, usually filled with water, about 65M to W of large ledge area. Just back of boulder beach.</td>
<td>1138</td>
<td>6'</td>
</tr>
<tr>
<td>2970 30' spruce on edge of ledge bank, at head of small cove. There are two large brown boulders 13M to N. Most northerly in line of spruces. Pile of rocks at its base.</td>
<td>1369</td>
<td>8'</td>
</tr>
<tr>
<td>2972 20' spruce. Most northwesterly. Tree in large clear area. Another spruce 10M to S.</td>
<td>1369</td>
<td>7'</td>
</tr>
<tr>
<td>3035 Lone 10' spruce 6M to NW of a cut in ledge, and 8M to SE of a smaller cut.</td>
<td>1141</td>
<td>6'</td>
</tr>
<tr>
<td>3036 Small bush about 8M to W of a 10' birch tree. Bush is at edge of grass line. Dead birch stump just inshore.</td>
<td>1141</td>
<td>2'</td>
</tr>
<tr>
<td>3038 6' spruce on NE side of cove, the most southeasterly spruce on point.</td>
<td>1141</td>
<td>8'</td>
</tr>
<tr>
<td>3062 35' triple trunk spruce, most easterly of a group of spruces. At base of tree is a log and rock cribbing. A small shack is 4M to W.</td>
<td>1369</td>
<td>8'</td>
</tr>
<tr>
<td>3063 SW gable of 1-story shingle bungalow with porch on SW side.</td>
<td>1369</td>
<td>15'</td>
</tr>
<tr>
<td>No.</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>-----</td>
<td>-------------</td>
<td></td>
</tr>
<tr>
<td>3064</td>
<td>15' spruce. About 100 meters S of gravel beach. In small clearing. Blazed on W. side. 1369 8'</td>
<td></td>
</tr>
<tr>
<td>3065</td>
<td>25' dying spruce, most northerly tree on island. 1369 6'</td>
<td></td>
</tr>
<tr>
<td>3066</td>
<td>25' double spruce, about 10M to N of cut in ledge and most northwesterly in a group of spruces. There is a 4' spruce 10M to N. 1369 10'</td>
<td></td>
</tr>
<tr>
<td>3067</td>
<td>35' spruce. A 10' dead trunk is NW inshore and a 4' dead trunk NW to NW with a 1' dead trunk 1' to S of it. 1369 10'</td>
<td></td>
</tr>
<tr>
<td>3068</td>
<td>20' spruce, most southwesterly on island. 1140 50'</td>
<td></td>
</tr>
<tr>
<td>3069</td>
<td>20' spruce on S end of a group. 2M to N of deep cut in ledge. Few branches on lower half. A group of 3 dead trunks is NW to N; and a 20' dead tree is on other side of cut, 15M to SW. 1140 20'</td>
<td></td>
</tr>
<tr>
<td>3070</td>
<td>25' spruce on NW end of island just inshore from ledge point. A 4' spruce is NW to NE. Blazed on N. side. 1140 12'</td>
<td></td>
</tr>
<tr>
<td>3071</td>
<td>25' spruce, most southwesterly on island. 1140 15'</td>
<td></td>
</tr>
<tr>
<td>3072</td>
<td>15' spruce, most westerly on point. 1140 10'</td>
<td></td>
</tr>
<tr>
<td>3073</td>
<td>30' lone double spruce on edge of brush line. 1140 4'</td>
<td></td>
</tr>
<tr>
<td>3074</td>
<td>35' spruce. A 4' spruce is NW to N at edge of ledge. On back edge of grassy patch on ledge. 1137 6'</td>
<td></td>
</tr>
<tr>
<td>3075</td>
<td>25' spruce tree, most northerly in group. 1137 10'</td>
<td></td>
</tr>
<tr>
<td>3076</td>
<td>5' spruce tree, most southerly on point, about 10M to S of woods line. 1137 10'</td>
<td></td>
</tr>
<tr>
<td>3077</td>
<td>20' broad spruce. There is a double 25' spruce 30M to SW, and a light gray ledge 15M to SE. 1137 6'</td>
<td></td>
</tr>
<tr>
<td>3078</td>
<td>10' spruce about 30M to E of ledge cove. It is most southerly spruce on point. 1137 15'</td>
<td></td>
</tr>
<tr>
<td>3079</td>
<td>6' flat top bushy spruce on edge of ledge bluff on S side of grassy clearing. 1137 25'</td>
<td></td>
</tr>
<tr>
<td>3080</td>
<td>Lone 30' spruce. Two small spruces NW to SW. 1137 4'</td>
<td></td>
</tr>
<tr>
<td>3081</td>
<td>3' grey boulder on edge of grass line in clearing. Largest boulder in vicinity on top of bank. 1137 6'</td>
<td></td>
</tr>
<tr>
<td>Signal Description</td>
<td>Photo. No.</td>
<td>Height above MHW</td>
</tr>
<tr>
<td>--------------------</td>
<td>------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>3082 20' lone spruce, most southerly on island.</td>
<td>1140</td>
<td>7'</td>
</tr>
<tr>
<td>3083 20' spruce, leaning slightly to the W, most northwesterly on island.</td>
<td>1140</td>
<td>8'</td>
</tr>
<tr>
<td>3085 A 3' by 6' white boulder, about 15M to N of black strip of ledge and about 10M to W of woods line.</td>
<td>1370</td>
<td>10'</td>
</tr>
<tr>
<td>3086 20' spruce imbedded in ledge at edge of tree line. There is a bluff about 15M to N.</td>
<td>1370</td>
<td>6'</td>
</tr>
<tr>
<td>3087 Lone 20' spruce in group of alders. On edge of brush line.</td>
<td>1370</td>
<td>2'</td>
</tr>
<tr>
<td>3088 30' double spruce 8M to S of grass line. A few small spruces are to N at edge of grass line.</td>
<td>1370</td>
<td>7'</td>
</tr>
<tr>
<td>3089 Lone 15' spruce, most northwesterly on point, about 5M to N of grass line.</td>
<td>1370</td>
<td>6'3'</td>
</tr>
<tr>
<td>3090 Lone 40' double spruce, leaning to W, on top of ledge bluff, at edge of brush line.</td>
<td>1140</td>
<td>5'</td>
</tr>
<tr>
<td>3091 15' spruce. Dead trunk about 40M to E in small cove.</td>
<td>1140</td>
<td>5'</td>
</tr>
<tr>
<td>3092 25' spruce on top of ledge bluff, about 100M to N of small cove. Another 25' spruce 1M to S. A dead trunk 5M to S.</td>
<td>1140</td>
<td>8'</td>
</tr>
<tr>
<td>3093 30' leaning spruce at edge of grass. Overhunk with moos. Blazed on N. side.</td>
<td>1140</td>
<td>6'</td>
</tr>
<tr>
<td>3094 25' leaning spruce at edge of grass, most northeasterly in group of spruces on small neck. Dead trunk 1' to N.</td>
<td>1140</td>
<td>7'</td>
</tr>
<tr>
<td>3095 Lone 15' spruce. Another 15' spruce to N of station.</td>
<td>1140</td>
<td>5'</td>
</tr>
<tr>
<td>3096 Lone 25' spruce on point. A dead trunk is 8M to E.</td>
<td>1370</td>
<td>25'</td>
</tr>
<tr>
<td>3097 Lone 20' spruce at edge of grass. A group of 10' spruces is 45M to NE. There is a crevis in ledge to SE.</td>
<td>1370</td>
<td>5'</td>
</tr>
<tr>
<td>3098 40' spruce on westerly side of woods line. About 10M to N of boulder beach. Largest spruce in E side of cove.</td>
<td>1370</td>
<td>7'</td>
</tr>
<tr>
<td>3099 15' blazed spruce at edge of woods line on top of ledge bluff. There are 3 smaller and one larger spruces to W.</td>
<td>1370</td>
<td>30'</td>
</tr>
<tr>
<td>4548 7' spruce on NW part of island. Another 7' spruce 3 meters NE of station.</td>
<td>1169</td>
<td>10'</td>
</tr>
<tr>
<td>Signal Description</td>
<td>Photo. No.</td>
<td>Height above MHW</td>
</tr>
<tr>
<td>-------------------</td>
<td>------------</td>
<td>------------------</td>
</tr>
<tr>
<td>4549 Lone 5' spruce in SW part of gravel cove. A 4' gray boulder E of station.</td>
<td>1169</td>
<td>2'</td>
</tr>
<tr>
<td>4550 Lone 10' spruce on E part of island. 6' spruce 10 m. W of station and another 6' spruce 10 meters N of station.</td>
<td>1169</td>
<td>15'</td>
</tr>
</tbody>
</table>

Respectfully submitted

Albert C. Rauck, Jr.
Engineering Draftsman

Approved and forwarded
May 1948.

Thos. B. Reed
Officer in Charge
Baltimore Photogrammetric Office
FIELD EDIT REPORT
TO ACCOMPANY
QUADRANGLE T-8648
JULY 1949

46 - METHODS

Field edit of this quadrangle was accomplished in accordance with Field Edit Instructions, dated 24 August 1945, Supplement 1, dated 4 February 1946, and Special Instructions issued just prior to field edit. Actual field work was performed by Donald G. Flippo (Contouring and vertical accuracy tests on north half) and George E. Varnadore (All other) during the period 14 July to 29 July 1948.

The entire quadrangle, except for approximately 2.2 square miles in the northwest part, is comprised of islands, reefs and water. This area was worked with a launch and skiffs. It is believed that all reefs and rocks above M. L. W. were investigated, and where practicable at, or near, M. L. W.

Mr. Charles Cirone, the operator of the launch hired for this work, has fished in this area for twenty years. Advantage was taken of his knowledge during the investigation of the above.

Standard plane-table methods were employed for the contouring and vertical accuracy tests done by the field edit party and the work was done directly on the field edit sheet, except for Petit Manan and Green Islands, which were contoured on the photographs with a hand level. The M. E. W. L. (± 5,5') was used for vertical control on all work except that discussed under item 48.

Refer to paragraphs 2 to 5 inclusive of Field Edit Report for quadrangle T-8641.

47 - ADEQUACY OF THE COMPILATION

The contours as plotted on Pond Island were found to be in error after running a vertical accuracy test to the peak of the island.
From close visual inspection of the Douglas Island group, just west of Pond Island, it was noted that twenty and twenty-five foot bluffs fall below the twenty-foot contour.

It is evident from elevations obtained by plane-table on Pond Island, having used M. H. W. L. (4 5.5') for an initial elevation, that the horizontalization of the Multiplex Models for contouring the area by the Baltimore Office, was in error due to tilt in one or more Models.

It is therefore, suggested that the Baltimore Photogrammetric Office recontour the aforementioned islands utilizing elevations obtained from the test on Pond Island for horizontalizing their Multiplex Models, as it is believed that the contouring of these islands can be done more economically by the Multiplex than by plane-table since the area to be contoured is heavily wooded.

These islands were re-contoured. See Revision Report.

48 - ACCURACY TESTS

Three vertical accuracy tests were made in this quadrangle. They were run on the following islands: Dyer, Pond and Bois Bubert. Standard plane-table methods were used and the work was done directly on the Field Book Sheets.

The test on Dyer Island was accomplished first. The plane-table was set up alongside photo-hydro station 2675 and oriented on triangulation station TRAFTON HALFTIDE LEDGE BEACON, 1913. Check cuts were taken to several identifiable photo-hydro stations on Tommy Island, Trafton Island and the mainland west of Dyer Island. All cuts to stations sighted fell on their respective plotted positions. The line was run across the island and tied in to photo-hydro station 3038. The horizontal closure was .5 mm. Vertical control was started from a previously established trigonometric point in the adjacent quadrangle to the north and closed on the M. H. W. L. (4 5.5') on the opposite side of the island. Elevations were plotted on each form line crossed and were found to be within the accuracy required. Vertical closure was within 0.5 feet.

The test on Pond Island was started from a point near NARRAGUAUGUS L. H., 1861. The starting position was obtained by declinatir e and stadia distance to NARRAGUAUGUS L. H. The line was run to the peak of the island and closed on the starting point. Horizontal closure was less than plotting distance. Vertical control was started and closed on M. H. W. L. (4 5.5'). Vertical closure was within 0.5 foot. Results of this test prove the contours to be plotted in error more than the allowable limit. (see item 47). Re-contoured.

The test on Bois Bubert Island was started from a trigonometric level point, elevation 128 feet, which could be identified, from the description, on the photograph and tied back to the same point. It was then continued to M. H. W. L. The closure on the trigonometric
level point was 0.2 foot and on M. H. W. L. was 0.4 foot.
The horizontal closure was less than plotting distance. It is
believed, from the results of this test, that the contours in
this area are within the accuracy required.

The ground position of a pass point on Egg Rock was located by
triangulation using the following stations: PETIT MANAN L. H., 1860,
PETIT, 1945, DEAL, 1945, and JORDANS DELIGHT LEDGE BEACON, 1913.
See Review Report.

The aforementioned Mr. Charles Cirone, whose Post Office address
is Addison, Maine, has examined the completed field edit sheet and
no errors were found.

George E. Varnadoe
Topo. Engr.
TABULATION
OF
HORIZONTAL ACCURACY TEST

Project 272 F  Quad. T-5648  Test applied by C.H.

Scale of manuscript 1:10,000  Publication Scale 1:24,000

Allowable horizontal displacement at manuscript scale 0.63 mm

Method of testing Three-Point Fix

<table>
<thead>
<tr>
<th>Description of Point</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Displacement</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Point Effected</td>
<td>44º24' 776.5&quot;</td>
<td>69º51' 223.2&quot;</td>
<td>41 M.M. Inch</td>
<td>SW Well defined</td>
</tr>
</tbody>
</table>

Note: Scaled positions enclosed in parentheses.
Division of Photogrammetry
Review Report of
Topographic Map Manuscript T-3648

Subject numbers not used in this report have been adequately covered
in other parts of the Descriptive Report.

26- Control

The flagstaff has been removed from the triangulation station
"Pond Island, House, Cuola, Flagstaff, 1913." The station has been
shown on the map manuscript as the topographic station "Cupola, 1913"
and a 524 card has been prepared.

28- Detailing

The position of Mackerel Rock was obtained from previous hydrographic
surveys. See Item 40 of this report. The position that was compiled
on the map manuscript as the rock appears on only one photograph and
is probably a bluish caused during development.

Several rocks awash were added from the hydrographic surveys that
do not appear on the photographs. Notes to the hydrographer, questioning
the location and height of these rocks, have been added to the map
manuscript.

The information concerning the positions of townsh'd boundaries
through water areas is incomplete. The lines were moved during review
to run half way between the land areas that they divide.

31- Low Water and Shallow Lines

See Review Report for T-3647

3b- Landmarks and Aids to Navigation

A Form 567 was prepared listing 4 aids to navigation and 2 landmarks
to be retained on the nautical charts. The original was filed in the
Nautical Chart Branch and a copy was made a part of this report.

34- Geographic Names

All names, including those added during Field Edit, have been approved
by the Geographic Names Section.

40- Depth Curves and Soundings

Depth curves and soundings were added to the map manuscript by
the Nautical Chart Branch from the following sources:
H-1060  1:10000  1870
H-1398  1:40000  1878
H-1567b  1:10000  1883-902
H-1528  1:10000  1882
H-1608  1:10000  1884-85

Chart letters dated 1910, 1912, and 1927.

43- Comparison with Existing Surveys

USGS Petit Manan Quadrangle 1:62500 1904 Repr. 1947
T-1196  1:10000  1881
T-1521  1:10000  1881-83
T-1524  1:10000  1881

Common features on all previous surveys are superseded by the map manuscript in common area.

44- Comparison with Nautical Charts

Chart No. 1201  1:80000  1941 Corr. 1948
305  1:40000  1931 Corr. 1946

The MEML is shown in a different position on the map manuscript than on the chart in the vicinity of Egg Rock and Petit Manan Islands.

Several lobster pounds and fish traps have not been shown on the chart.

48- Accuracy Tests

See Field Edit Report for results of a profile run across Dyer Island and a check of the peak elevation on Pond Island. Pond Island and the Douglas Islands were re-contoured in the Baltimore Office using the additional information supplied by the Field Edit Party.

The position of a point on Egg Rock determined by the radial plot and the position obtained in the field by a three point fix check within the required accuracy.

This map complies with the national standards of map accuracy requirements.

49- Overlays

An overlay was prepared showing the border information, road classification and destinations, triangulation stations, topographic stations, landmarks and aids to navigation, and spot elevations that are to be shown by the smooth draftsman.
51- Application to Nautical Charts

The map manuscript has not been applied to the nautical charts.

Reviewed by:

Charles Theuer
C. Theuer 3-11-49

Approved by:

S V Griffith  K H M
Chief, Review Section  Chief, Nautical Chart Branch

K T Adams
Chief, Division of Photogrammetry

MM Scalf
Chief, Div. of Coastal Surveys
Record of Work Subsequent to the Manuscript Review, that is, Smooth Drafting, Checking, and Printing

Manuscript forwarded to the U. S. Geological Survey for smooth drafting and publication.

Color proof furnished by the Geological Survey and examined by ________________________________

Name Date

Published by the Geological Survey.