Diag'd. oh Ch. No. 1201

U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey  TOPOGRAPHIC

Field No. PH-11 (46)  Office No. T-8799

LOCALITY
State  Maine
General locality  Washington County
Locality  Roque Bluffs

1948

CHIEF OF PARTY
R.A. Gilmore

LIBRARY & ARCHIVES

DATE  December 16, 1949
DATA RECORD

T-8799

Quadrangle (II): Roque Bluffs

Field Office: Machias, Me.

Compilation Office: Baltimore, Md.

Instructions dated (II III):
May 9, 1946
Sept 18, 1946

Completed survey received in office: 8-25-48

Reported to Nautical Chart Section: 4-29-49

Reviewed: 10-5-49

Redrafting Completed:

Registered: 11-8-49

Compilation Scale: 1:8,500

Scale Factor (III): 1.00

Geographic Datum (III): N.A. 1927

Latitude: 44° 36' 30.788"

Longitude: 67° 26' 05.929"

Datum Plane (III): Mean Sea Level

Reference Station (III): BRYANT, 1883

State Plane Coordinates (VI): Maine East State Grid

Military Grid Zone (VI)

Project No. (II): PH-11(46)

Chief of Party: Ross A. Gilmore

Chief of Party: Thos. B. Reed

Div. of Photogrammetry, Office Files

Copy filed in Descriptive Report No. T- (VI)
Areas contoured by various personnel
(Show name within area)
(H) (III)

Mean Range: 12.3 and 12.9
Spring Range: 14.0 and 14.7

Camera: (Kind or source) U.S.C. & G.S. "C" 6" Metrogon lens

Field Inspection by: Lewis V. Evans III
Irving L. Saperstein, John R. Smith and Boynton Locke

Field Edit by: G. Varriable

Date of Mean High-Water Line Location (III):
Same as date of photographs, supplemented by shoreline inspection data for season 1946

Projection and Grids ruled by (III) T.L.J.
" " " checked by: T.L.J.

Control plotted by: Mildred T. Jacob
Control checked by: Donald M. Brant

Radial Plot by: covering Roque Island, by:- Albert C. Rauck, Jr.

Detailed by: Bernadette A. Dew

Reviewed in compilation office by:
Albert C. Rauck, Jr.
manuscript
Elevations on Mean-Edit Sheet
checked by: Albert C. Rauck, Jr.
STATISTICS (III)

Land Area (Sq. Statute Miles): 7

Shoreline (More than 200 meters to opposite shore): 22 statute miles

Shoreline (Less than 200 meters to opposite shore): 1 mile

Number of Recoverable Topographic Stations established: 15

Number of Temporary Hydrographic Stations located by \textit{radial} multiplex plot: 96

Leveling (to control contours) - miles: approx. 5 lineal 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:

As of the date of this descriptive report, this manuscript is incomplete. Roque Island and numerous other small islands will be completed at a future date.

Items comprising this compilation report concern only that portion of the manuscript completed.

See Addendum to Compilation Report.
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
<th>LATITUDE OR $y$-COORDINATE LONGITUDE OR $x$-COORDINATE</th>
<th>N.A. 1927 DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>THOMAS, 1946</td>
<td>Unadj. field comp.</td>
<td>N.A. 1927</td>
<td>44° 36' 34.352&quot; 67° 29' 37.024&quot;</td>
<td>1060.3 791.7</td>
<td>1247.4 931.4</td>
</tr>
<tr>
<td>SUB. PT.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>THOMAS, 1946</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FOSTER I., 1882</td>
<td></td>
<td>&quot;</td>
<td>44° 35' 16.63 67° 23' 41.77</td>
<td>513.3 1338.7</td>
<td>603.9 1574.9</td>
</tr>
<tr>
<td>SUB. PT.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FOSTER I., 1882</td>
<td></td>
<td>&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SCABBY, 1883</td>
<td></td>
<td>&quot;</td>
<td>44° 34' 22.43 67° 24' 26.61</td>
<td>692.3 1159.7</td>
<td>814.5 1364.3</td>
</tr>
<tr>
<td>BRYANT, 1883</td>
<td></td>
<td>&quot;</td>
<td>44° 36' 30.788 67° 26' 05.929</td>
<td>950.4 901.6</td>
<td>1118.1 1060.7</td>
</tr>
<tr>
<td>BROTHER, 1945</td>
<td>Unadj. field comp.</td>
<td>&quot;</td>
<td>44° 33' 21.476 67° 26' 24.335</td>
<td>662.9 1189.1</td>
<td>779.9 1398.9</td>
</tr>
<tr>
<td>SUB PT. BROTHER,</td>
<td></td>
<td>1946</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Point of Main, 1883</td>
<td>G.P. Lntfs</td>
<td>&quot;</td>
<td>44° 35' 67° 24'</td>
<td>1563.8 710.6</td>
<td>1054.0 361.6</td>
</tr>
<tr>
<td>No 3, 1843</td>
<td></td>
<td>&quot;</td>
<td>44° 36' 67° 25'</td>
<td>1083.0 361.6</td>
<td>777.5 1401.3</td>
</tr>
</tbody>
</table>

1 FT. = 30480056 METER

254 Starboard, 1882
286 Foster Island, 1882 (held while
290 Scabby, 1883
detaining)
291 Point of Maine, 1883
292 No. 3, 1883
294 New Barn, No. Cable, 1883
306 Bryant, 1883
313 Thomas, 1946
514 Brother, 1946

△ Triangulation Sta. Identified + held in extension
☆ " " Not held
▲ " " Not Identified

Ph-11(46)
T-8799
SKETCH OF HORIZONTAL CONTROL
FIELD INSPECTION REPORT
TO ACCOMPANY
QUADRANGLE NO. 8799
PROJECT Ph-11(46)
JULY 1946

1 - DESCRIPTION OF AREA:

This 7½ minute quadrangle lies in Washington County, Maine. It is
bounded on the north by N. Lat. 45°-37'-30", on the south by N. Lat.
44°-30'-00", and on the east and west by W. Long. 67°-22'-30", and W.
Long. 67°-30'-00" respectively. The area covered is approximately
13 square statute miles.

Photogrammetric field inspection was accomplished in July 1946 under
the direction of Lieut. Comdr. Ross A. Gilmore in accordance with
instructions dated 9 May 1946. Filed in Project Completion Report in Library

The principal cultural features are the small villages of Roque Bluffs
in the northwest part of the area, and Starboard in the northeast part.

The water area consists of Englishman Bay and the southern part of the
Little Kennebec Bay. Several small islands are found in the waters of
Englishman Bay.

The foreshore area in general, consists of many jagged ledges and
jagged ledge bluffs.

2 - COMPLETENESS OF FIELD INSPECTION:

All important buildings, roads and bridges were identified or classified
in accordance with instructions for the project. The following 1:20,000
scale contact photographs were used: 46 C 18, 20, 52, 164, and 44 C 986.

3 - INTERPRETATION OF PHOTOGRAPHS:

This subject has been discussed in detail in Field Inspection Report for
quadrangle 8799. Filed in Bureau Archives

4 - HORIZONTAL CONTROL:

All known existing horizontal control stations, consisting entirely of
C. & G. S. triangulation, were searched for, and all stations recovered
were identified on the photographs.

Two additional third-order triangulation stations were established and
identified:
Thomas, 1946: concluded triangle, see triangulation report for Project No. CS-272-F.
Brother, 1946: three-pt. fix with 4 directions, see triangulation report for Project Ph-11(46).

Both reports filed in Project Completion Report in Bureau Library.
The following photographs were used for all horizontal control identification: 1:8500 scale ratio prints Nos. 46 C 17, 45, 164 and 44 C 753.
1:20,000 " contact " No. 46 C 21.

5 - VERTICAL CONTROL:

Only 2 bench marks are known to exist in the area of this quadrangle. Both are tidal bench marks. They were recovered and identified on the 1:20,000 scale photographs. Temporary vertical control was established using the same methods as used in quadrangle 8799. The code letters RB prefix all spot elevations. One spot elevation RB No. 7 was determined by Irving I. Saperstein, Engr. Drafter, by the hand level method. Two spot elevations were determined by Eyston Locke, Photo. Aid, on photograph 44 C 989 and are labeled 1-A and 2-A about 5 linear miles of 4th order levels were run. 10 temporary spot elevations were established. The following photographs were used: 44 C 987, 46 C 17 and 21. There was only one level volume used for 8799 and 8795.

6 - CONTOURS AND DRAINAGE:

Inapplicable.

7 - MEAN HIGH-WATER LINE:

The mean high water line was delineated on the photographs within 0.5mm of true position.

In general, a boat was used and sailed as far inshore as possible to identify the mean high water line.

The following 1:8500 scale ratio prints were used for shoreline inspection: 44 C 749, 750, 751, 752, 46 C 20, 21, 45, 46, 47, 52, 165, 164, 165, 166, 167, 168, 169, 170.

8 - LOW-WATER LINE:

The low water line was delineated on the photographs at or near the time of low water.

On the other photographs, not taken at low water, the approximate low water line was delineated on the photographs only when the time of inspection was at or near low water.
9 - WHARVES AND SHORELINE STRUCTURES:

The only piers of any consequence are near Shoppee Point, at the NW part of quadrangle 8799, this pier appears on photograph 44 C 753, and a pier on the W side of Lakeman Island, which appears on photograph 44 C 750.

10 - DETAILS OFFSHORE FROM HIGH-WATER LINE:

Wherever rocks or ledges were awash at or below mean high water, a note was made on the photograph as to how much the rock or ledge bared, the time and date.

11 - LANDMARKS AND AIDS TO NAVIGATION:

There are no landmarks worthy of charting within this area.
There are no permanent fixed aids to navigation within this area.

12 - HYDROGRAPHIC CONTROL:

Hydrographic signals were picked and numbered, in accordance with instructions, on the photograph for use of the hydrographer. These consist mainly of lime trees, or trees that stand out, such as on points of land. Also used for hydrographic signals, were large boulders in the water, gables of houses and chimneys.

Descriptions of hydrographic signals have been recorded in field sketchbooks 1 and 2. An attempt was made to pick sufficient hydrographic signals, except in areas where it was impossible to pick signals with certainty.

In addition, recoverable topographic stations were established about 1 mile apart. Wherever possible, gables, cupolas or chimneys were used and picked direct on the photographs. Where no artificial object was within the 1 mile radius, a marked station using a standard topographic disc was established and either picked direct or the substitute station used. "Control Station Identification" cards were submitted for those stations picked by the substitute station method.

Form 524, "Description of Recoverable Topographic Station" cards were submitted for all topographic stations.

13 - LANDING FIELDS AND AERONAUTICAL AIDS:

None.
14 - ROAD CLASSIFICATION:

Roads inspected were classified in accordance with General Instructions, "Classification and Compilation of Roads" dated 30 June 1945.

A gravel bar, which extends from the SE part of Starboard Creek on the mainland to Starboard Island, bares at low water and is sometimes used by automobiles. [Red ink shown on map manuscript.]

15 - BRIDGES:

All bridges, except the one at Roque Bluffs, in this quadrangle were identified as part of the interior inspection.

The clearances of the bridge at Roque Bluffs were noted on photograph 44 C 752.

16 - BUILDINGS AND STRUCTURES:

Buildings were identified by encircling them in red ink.

A few old buildings and sheds to be deleted from the map compilation on Lakeman Islands and one on Starboard Island have been "X'd" out on the photographs.

17 - BOUNDARY MONUMENTS AND LINES:

This will be the subject of a special report to be submitted by Harold A. Duffy, Photogrammetrist.

18 - GEOGRAPHIC NAMES:

Same as 17 above.

19 - SYMBOLS:

The symbol sheet for shoreline inspection is on the back of photograph 46 C 46.
Note: Lt. (jg) Lewis V. Evans, III worked on item 4. Irving I. Saperstein, Engr. Draftsman, worked on items 7, 8, 9, 10, 11, 12. John R. Smith, Engr. Aid, did the work on items 1, 2, 3, 5, 14, 15, and 16.

Respectfully Submitted:

[Signature]
Lewis V. Evans, III, Lt. (jg)

[Signature]
Irving I. Saperstein, Engr. Draftsman

[Signature]
John R. Smith, Engr. Aid

Approved and Forwarded:

[Signature]
Ross A. Gilmore, Chief of Party
26. **CONTROL**

Refer to Field Inspection Report for this survey. All recovered and identified horizontal control was adequate.

Refer also to compilation report for Project PH-11(46).

27. **RADIAL PLOT**

None for the completed portion of the manuscript. However, a partial radial plot will be made to complete Roque Island and the numerous other small islands in the east central area of the survey. Refer to item 27, Compilation Report for Survey T-8646. See Addendum to Compilation Report.

28. **DETAILING**

The field inspection data and photography was adequate for the detailing of the manuscript, and its delineation is in accordance with Photogrammetry Instructions No. 17.

29. **SUPPLEMENTAL DATA**

None

30. **MEAN HIGH WATER LINE**

This was traced directly from the 1:8500 scale field inspection photographs, utilizing shoreline detail points which were established during multiplex compilation.

31. **LOW-WATER AND SHOAL LINES**

Low-water lines are shown with the conventional dotted line symbol and labeled, "L.W.L." or "Approx. L.W.L." according to the field inspection data.

Where the field inspection photographs gave no low water data, and a definite line was discernible on the photographs, it was shown and labeled "Approx. L.W.L." In some instances this line was merely a continuation of a rock ledge line which had been interpreted as low water line by the field party.

See Review Report concerning MLWL

There are no shoal lines indicated on the field inspection photographs. However, at the mouth of the Englishman River, there is an area labeled "Shallow", which is the compilers interpretation. Deleted during Review.
32. DETAILS OFFSHORE FROM THE HIGH WATER LINE

Data is complete except for one rock which lies off the south end of Foster Island. This is to be investigated by the hydrographic party.

33. WHARVES AND SHORELINE STRUCTURES

Data is complete.

Refer to item 9, of Field Inspection Report.

34. LANDMARKS AND AIDS TO NAVIGATION

None.

35. HYDROGRAPHIC CONTROL

These were plotted by multiplex methods. The following photo-hydro points and photo-topo points have been rejected because they could not be plotted within the prescribed limit of error:

| T.S. 9921 | 46213 | 9925 | 9940 | 9959 | 99186 |
| T.S. 9939 | 9999 | 9926 | 9941 | 9966 | 99189 |
| T.S. 99192 | 9913 | 9930 | 9943 | 9970 | 99195 |
| T.S. Shaw deleted | 9918 | 9937 | 9951 | 99162 | 99208 |
| See Revision Report | 9922 | 9938 | 9958 | 99183 | 99210 |

Refer to item 12 of Field Inspection Report for this survey and the Compilation Report for this project.

36. LANDING FIELDS AND AERONAUTICAL AIDS

None.

37. DISCREPANCY OVERLAY

No overlay was needed. A discrepancy concerning the bridge at Englishman River is noted on the manuscript for investigation by the field edit party. This discrepancy investigated. Note deleted.

38. GEOGRAPHIC NAMES

Approved list filed in Geo. Names Section.

A list of the geographic names of this survey accompanies this report. These are the result of final name sheets submitted by Harold A. Duffy.
39. JUNCTIONS

Junctions with adjoining surveys are as follows:

North with manuscript No. T-8795
East with manuscript No. T-8800
South is the Atlantic Ocean
To the west is Survey No. T-8646. This entire junction is
composed of the islands in the Roque Island area which are to be com-
pleted by radial plot.
All junctions checked during revision.

40. HORIZONTAL AND VERTICAL ACCURACY

The horizontal and vertical accuracy of this map is believed to
be within the accuracy limits as prescribed under War Mapping Project
No. 290, Dated Nov. 16, 1942

41. BOUNDARY MONUMENTS AND LINES

There are no monuments within the survey. The boundary line of
Roque Bluffs, Jonesport and Roque Bluffs-Machiasport are shown in English-
man Bay and Little Kennebec Bay, as per field inspection data.
See CP 24 of Review Report.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

Comparison was made with U. S. Geological Survey Machias Quadrangle,
edition of 1918.

Culture is sparse and in good agreement.

Topography in general is also in good agreement. However, differences
of from 20' to 40' are noted in the heights of tops and ridges.

45. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with U. S. Coast and Geodetic Survey Chart No.
303, dated 1945, fourth edition, scale 1:40,000.

The general configuration of the shoreline and the position of
offshore rocks are in good agreement.

The large pond at Shoppes Point is not shown on the chart.

Topography in general is in good agreement, with the exception of
20' - 40' differences in the heights of tops.

Upon completion of hydrography in this survey this map compilation
will adequately portray all existing topographic and hydrographic details
and should supersede all previously charted data.

See Review Report.
Respectfully submitted

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

Bernadette A. Dew
Engineering Draftsman
Compiler

Approved and forwarded

Thos. B. Reed
Officer in Charge
Baltimore Photogrammetric Office
ADDENDUM TO DESCRIPTIVE REPORT

SURVEY T - 8799

PROJECT PH-11(46)

This is a report of a hand templet radial plot covering Roque Island and vicinity which was needed to establish horizontal pass points for control of the multiplex models for detailing. The area was refloated at a scale of 1:40,000. The radial plot was run from templets made from 1:16,000 ratio prints.

The horizontal control was plotted on a 1:16,000 vinylite projection. Templets were made on new acetate of photos 48-C-1 thru 48-C-12. Sufficient horizontal control on the mainland and other islands could be identified to obtain a good plot.

The following horizontal control stations were used:

BEALS N. CH. SP. 1913
SUB. PT. ALLEY, 1913
SUB. PT. KEL, 1913
KELLEY SCHOOL HO. CUP. FLAG, 1913
JONESPORT CH. SP., 1862
SAYETERS COVE CH. SP., 1913
MARK 2, 1934
SUB. PT. WOODWARD, 1862
" ROGERS, 1862
" HIGH, 1934
" MARSTIN, 1883
" THOMAS, 1946
" SPRUCE, 1946
" BROTHER, 1946
" MOOSE-A-REE, 1861

All control was held except MARK 2, 1934 which plotted 1.0 mm SE of its geographic position. It is believed that this station, pricked direct was probably misidentified on the original field photograph.

The pass points established by this radial plot were scaled from the base sheets and their geographic positions replotted on 1:8500 multiplex work sheets.

The horizontal accuracy of details in the vicinity of Great Cove and Sanford Cove, in Survey T-8662, which joins T-8646 to the north, was questionable at the time of compilation. Seven photo-hydro and detail points that had been plotted with the multiplex were checked with this radial plot. The maximum error found was 0.25 mm at a scale of 1:8500.

Approved and forwarded
15 February 1949.

Officer in Charge
Baltimore Photogrammetric Office.

Respectfully submitted
15 February 1949.

Cartographer
NOTES TO HYDROGRAPHER

ROQUE BLUFFS QUADRANGLE

SURVEY T-8799

Only one omission is called to attention of the hydrographer, and that is to secure data concerning the height of the offshore rock south of Foster Island. Information on additional rocks regarded during review.

Attached is a list of photo-hydro points on the manuscript for use as hydrographic signal sites.

Edited and respectfully submitted

[Signature]
Bernadette A. Dew
Engineering Draftsman

[Signature]
Albert C. Rauck, Jr.
Engineering Draftsman
Review

Approved and forwarded

[Signature]
Thos. B. Reed
Officer in Charge
Baltimore Photogrammetric Office
<table>
<thead>
<tr>
<th>Hydro. No.</th>
<th>Description</th>
<th>Ht. above M.H.W.</th>
<th>Photo No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>9901</td>
<td>25' bushy spruce tree at head of small cove. Most southerly spruce in vicinity. About 40 m. N. of MHWL.</td>
<td>2'</td>
<td>20</td>
</tr>
<tr>
<td>9902</td>
<td>30' spruce tree on edge of tree line and about 6 M E of MHWL. Another 30' spruce is about 4 M N of signal</td>
<td>3'</td>
<td>20</td>
</tr>
<tr>
<td>9903</td>
<td>30' spruce tree on edge of steep ledge cliff and is most southerly spruce. About 1 M N of MHWL.</td>
<td>6'</td>
<td>20</td>
</tr>
<tr>
<td>9904</td>
<td>25' pointed spruce tree, most westerly in group of spruces. On MHWL and on E side at head of small gravel cove</td>
<td>1'</td>
<td>20</td>
</tr>
<tr>
<td>9905</td>
<td>15' overhanging spruce tree, most southerly spruce in vicinity. About 1 M N of MHWL.</td>
<td>1'</td>
<td>20</td>
</tr>
<tr>
<td>9906</td>
<td>30' pointed spruce tree on edge of steep mud bank. Center spruce in group of spruces.</td>
<td>8'</td>
<td>20</td>
</tr>
<tr>
<td>9907</td>
<td>25' leaning spruce tree at head of gravel cove and most easterly spruce in vicinity. About 2 M W of MHWL.</td>
<td>1'</td>
<td>20</td>
</tr>
<tr>
<td>9908</td>
<td>8' lonespruce on E side of large cove. Tree is most southerly spruce and is on rocky ledge.</td>
<td>6'</td>
<td>20</td>
</tr>
<tr>
<td>9910</td>
<td>4' brick chimney on house painted brown with cream trimmings. A dormer with 2 large windows is in center of house and a veranda on north and west sides.</td>
<td>25'</td>
<td>20</td>
</tr>
<tr>
<td>9912</td>
<td>10' bushy spruce tree at edge of gravel beach. Most southerly spruce in vicinity about 5 M E of MHWL.</td>
<td>2'</td>
<td>20</td>
</tr>
<tr>
<td>9914</td>
<td>25' lone pointed spruce, about 10 M E of MHWL. Another 30' pointed spruce is about 5 M S of signal.</td>
<td>6'</td>
<td>20</td>
</tr>
<tr>
<td>9915</td>
<td>15' double bushy spruce on edge of grass line and N side of island. About 6 M S of MHWL.</td>
<td>3'</td>
<td>20</td>
</tr>
<tr>
<td>Hydro. No.</td>
<td>Description</td>
<td>Height above M.H.W.</td>
<td>Photo. No.</td>
</tr>
<tr>
<td>-----------</td>
<td>-------------</td>
<td>---------------------</td>
<td>------------</td>
</tr>
<tr>
<td>9917</td>
<td>20' pointed spruce tree on top of 10' ledge cliff on E side of island. About 2 M W. of MHWL.</td>
<td>6'</td>
<td>46</td>
</tr>
<tr>
<td>9919</td>
<td>25' bushy spruce tree about 5 M W of MHWL. Another 20' spruce tree is about 2 M S of signal.</td>
<td>3'</td>
<td>21</td>
</tr>
<tr>
<td>9920</td>
<td>End of a very prominent shrub covered earth bank, extending N. to a rocky beach. 2'</td>
<td>2'</td>
<td>21</td>
</tr>
<tr>
<td>9923</td>
<td>25' bushy spruce tree, most prominent on edge of 6' grassy bank. About 3 M E. of MHWL.</td>
<td>4'</td>
<td>753</td>
</tr>
<tr>
<td>9924</td>
<td>30' pointed spruce on top of 20' ledge cliff. About 4 M N of a camp.</td>
<td>20'</td>
<td>753</td>
</tr>
<tr>
<td>9927</td>
<td>25' leaning spruce at head of cove. About 1 M S. of MHWL and about 6 M W. of a small creek.</td>
<td>1'</td>
<td>753</td>
</tr>
<tr>
<td>9928</td>
<td>25' leaning bushy spruce on E. side of cove. Most westerly spruce in a group and about 1 M E. of MHWL.</td>
<td>1'</td>
<td>753</td>
</tr>
<tr>
<td>9929</td>
<td>Point of land sticking out in the water. It is a 3' rock ledge and is on E. side of cove. Unable to identify GEV.</td>
<td>3'</td>
<td>753</td>
</tr>
<tr>
<td>9933</td>
<td>20' double spruce tree on E. side of island, about 6 M W. of MHWL. Only double spruce in vicinity.</td>
<td>3'</td>
<td>752</td>
</tr>
<tr>
<td>9934</td>
<td>30' spruce tree on E. side of small island. Largest and most prominent in vicinity. About 7 M W. of MHWL.</td>
<td>2'</td>
<td>752</td>
</tr>
<tr>
<td>9935</td>
<td>S. gable of barn with grey wooden shingled roof, located in field about 60 M E. of MHWL. Torn Down</td>
<td>25'</td>
<td>753</td>
</tr>
<tr>
<td>9936</td>
<td>30' spruce tree about 40 M N. of MHWL. About 3 M E. is another 25' pointed spruce tree. Only 2 spruces in vicinity.</td>
<td>6'</td>
<td>753</td>
</tr>
<tr>
<td>Hydro. No.</td>
<td>Description</td>
<td>Ht. above MHW.</td>
<td>Photo. No.</td>
</tr>
<tr>
<td>-----------</td>
<td>-----------------------------------------------------------------------------</td>
<td>----------------</td>
<td>------------</td>
</tr>
<tr>
<td>9942</td>
<td>W. gable of barn with green roof, located in a field. A house with 2 red brick chimneys is about 10 M W. of barn.</td>
<td>30'</td>
<td>753</td>
</tr>
<tr>
<td>9944</td>
<td>15' spruce on top of steep mud cliff. Another 15' spruce is about 2 M E. Most prominent spruces in vicinity.</td>
<td>10'</td>
<td>20</td>
</tr>
<tr>
<td>9945</td>
<td>25' pointed spruce at bottom of 10' dirt cliff. About 1 M E. of MHWL and most westerly spruce.</td>
<td>1'</td>
<td>20</td>
</tr>
<tr>
<td>9946</td>
<td>Lone 5' spruce on NE side of small cove at bottom of grassy bank. About 4 M N of MHWL.</td>
<td>2'</td>
<td>20</td>
</tr>
<tr>
<td>9947</td>
<td>10' spruce tree with no limbs at top. Most southerly in line of spruces. About 5 M. E. of MHWL.</td>
<td>2'</td>
<td>20</td>
</tr>
<tr>
<td>9950</td>
<td>15' spruce on E. side of island. About 7 M. W. of MHWL. Tree blazed on E. side.</td>
<td>5'</td>
<td>752</td>
</tr>
<tr>
<td>9952</td>
<td>15' pointed spruce about 3 M N. of MHWL. Another 25' double spruce is about 8 M W. of Signal.</td>
<td>3'</td>
<td>752</td>
</tr>
<tr>
<td>9953</td>
<td>4' brownish boulder on NW point of island, about 10 M W. of tree line. Largest boulder in vicinity.</td>
<td>4'</td>
<td>752</td>
</tr>
<tr>
<td>9954</td>
<td>20' lone spruce on N side of island about 1 M. S. of MHWL. Most prominent spruce in vicinity.</td>
<td>2'</td>
<td>752</td>
</tr>
<tr>
<td>9955</td>
<td>5' spruce on N point of island. Most northerly spruce on island.</td>
<td>3'</td>
<td>752</td>
</tr>
<tr>
<td>9956</td>
<td>E. gable of grey shingled house with white trimmings. A veranda is on E. side and 3 windows with blue shutters on E. gable. A 2' chimney is in center of house.</td>
<td>10'</td>
<td>752</td>
</tr>
<tr>
<td>9957</td>
<td>W gable of grey wooden shingled house, with 4 windows in the W gable; and two chimneys - one on the main house and one on the Ell. A large barn is about 30 M E of house.</td>
<td>15'</td>
<td>752</td>
</tr>
<tr>
<td>Hydro. No.</td>
<td>Description</td>
<td>Ht. above MHW.</td>
<td>Photo No.</td>
</tr>
<tr>
<td>------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>----------------</td>
<td>-----------</td>
</tr>
<tr>
<td>9960</td>
<td>20' leaningspruce on tree line on N side of small creek, about 1 M N of MHWL. Most prominent spruce.</td>
<td>2'</td>
<td>752</td>
</tr>
<tr>
<td>9961</td>
<td>10' flat top spruce on edge of tree line on W. side of creek. About 7 M W of MHWL.</td>
<td>1'</td>
<td>752</td>
</tr>
<tr>
<td>9962</td>
<td>Eastern bank of an old earth dike on the W. side of river.</td>
<td>3'</td>
<td>21</td>
</tr>
<tr>
<td>9963</td>
<td>Lone 15' bushy spruce on E. side of river, about 10 M. E. of MHWL.</td>
<td>2'</td>
<td>752</td>
</tr>
<tr>
<td>9964</td>
<td>15' pointed spruce on E. side of river about 1 M E of MHWL. Most prominent spruce.</td>
<td>1'</td>
<td>752</td>
</tr>
<tr>
<td>9965</td>
<td>15' pointed spruce on N side of small cove. There are 2 20' birch trees on each side of spruce.</td>
<td>5'</td>
<td>21</td>
</tr>
<tr>
<td>9966</td>
<td>15' spruce on tree line, about 1 M W of MHWL. A 30' birch tree is about 10 M N of signal.</td>
<td>2'</td>
<td>21</td>
</tr>
<tr>
<td>9967</td>
<td>25' pointed spruce about 3 M W of MHWL. Most prominent spruce in vicinity.</td>
<td>3'</td>
<td>21</td>
</tr>
<tr>
<td>9968</td>
<td>W end of pier on W side of small island. Pier is about 4' high and has about 25' walk.</td>
<td>2'</td>
<td>21</td>
</tr>
<tr>
<td>9969</td>
<td>E. gable of brown painted garage with green trimmings, on island. There are a window and a door in the E. gable.</td>
<td>12'</td>
<td>46</td>
</tr>
<tr>
<td>9970</td>
<td>10' spruce in a group of spruces on southern end of island.</td>
<td>4'</td>
<td>46</td>
</tr>
<tr>
<td>9971</td>
<td>NE gable of shed with wooden shingles on roof and sides and has red trimmings.</td>
<td>10'</td>
<td>46</td>
</tr>
<tr>
<td>9972</td>
<td>W. gable of house, painted red with grey wooden shingles on roof. A 4' brick chimney is in center of house.</td>
<td>25'</td>
<td>46</td>
</tr>
<tr>
<td>9973</td>
<td>30' spruce on N. side of creek. Largest spruce in vicinity.</td>
<td>3'</td>
<td>46</td>
</tr>
<tr>
<td>9974</td>
<td>10' lone spruce on S side of creek, about 5 M S. of MHWL.</td>
<td>3'</td>
<td>46</td>
</tr>
<tr>
<td>Hydro. No.</td>
<td>Description</td>
<td>Ht. above MHWL</td>
<td>Photo. No.</td>
</tr>
<tr>
<td>-----------</td>
<td>-----------------------------------------------------------------------------</td>
<td>----------------</td>
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</tr>
<tr>
<td>99154</td>
<td>15' double spruce on rocky beach, about 5 M W. of MHWL.</td>
<td>2'</td>
<td>46</td>
</tr>
<tr>
<td>99155</td>
<td>S. gable of white house with green trimmings. There are 2 4' red brick chimneys and six windows and a door in S. gable.</td>
<td>25'</td>
<td>46</td>
</tr>
<tr>
<td>99156</td>
<td>SW gable of brown painted house with white trimmings. There is a 3' red brick chimney; also two large windows in gable.</td>
<td>30'</td>
<td>45</td>
</tr>
<tr>
<td>99157</td>
<td>SW gable of house painted white with grey wooden shingles on roof. A 4' brick chimney is in center.</td>
<td>30'</td>
<td>45</td>
</tr>
<tr>
<td>99159</td>
<td>15' spruce in clearing, about 25 M E. of MHWL.</td>
<td>3'</td>
<td>45</td>
</tr>
<tr>
<td>99160</td>
<td>Most southerly 20' pointed spruce. About 3 M N of MHWL.</td>
<td>2'</td>
<td>45</td>
</tr>
<tr>
<td>99161</td>
<td>25' lone spruce about 4 M N of MHWL. It is about 5 M S. of group of spruces.</td>
<td>1'</td>
<td>45</td>
</tr>
<tr>
<td>99163</td>
<td>10' lone flat top spruce about 5 M S of tree line and about 10 M N of MHWL.</td>
<td>2'</td>
<td>45</td>
</tr>
<tr>
<td>99165</td>
<td>N gable of fishing shack with wooden shingles on roof and sides and white trimmings. One window in S side.</td>
<td>10</td>
<td>45</td>
</tr>
<tr>
<td>99166</td>
<td>10' spruce about 5 M E of MHWL.</td>
<td>2'</td>
<td>45</td>
</tr>
<tr>
<td>99167</td>
<td>15' spruce on E side of small cove. Largest and most northerly spruce in vicinity.</td>
<td>4'</td>
<td>45</td>
</tr>
<tr>
<td>99168</td>
<td>Most westerly, lone 15' spruce, about 1 M E of MHWL.</td>
<td>4'</td>
<td>45</td>
</tr>
<tr>
<td>99169</td>
<td>10' bushy spruce on edge of tree line, about 2 M W of MHWL.</td>
<td>2'</td>
<td>45</td>
</tr>
<tr>
<td>99170</td>
<td>20' spruce on ledge. Largest spruce on rock</td>
<td>5'</td>
<td>45</td>
</tr>
<tr>
<td>99172</td>
<td>10' lone spruce at head of rocky beach. About 2 M E. of MHWL.</td>
<td>2'</td>
<td>46</td>
</tr>
<tr>
<td>99173</td>
<td>Most westerly, 20' spruce on tree line.</td>
<td>1'</td>
<td>46</td>
</tr>
<tr>
<td>99174</td>
<td>15' bushy spruce about 4 M E of MHWL.</td>
<td>4'</td>
<td>46</td>
</tr>
<tr>
<td>Hydro. No.</td>
<td>Description</td>
<td>Ht. above MHWL</td>
<td>Photo. No.</td>
</tr>
<tr>
<td>-----------</td>
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<td>------------</td>
</tr>
<tr>
<td>99175</td>
<td>10' bushy spruce on top of a 6' rock ledge. About 2 M E of MHWL.</td>
<td>7'</td>
<td>46</td>
</tr>
<tr>
<td>99176</td>
<td>10' lone bushy spruce, with branches on the ground. About 3 M E of MHWL.</td>
<td>3'</td>
<td>46</td>
</tr>
<tr>
<td>99177</td>
<td>10' double spruce at edge of tree line, about 2 M S. of a deep gorge.</td>
<td>10'</td>
<td>46</td>
</tr>
<tr>
<td>99178</td>
<td>10' scrubby, most westerly spruce. About 6 M E of MHWL</td>
<td>4'</td>
<td>46</td>
</tr>
<tr>
<td>99179</td>
<td>10' lone, most southerly spruce. About 10 M E. of MHWL.</td>
<td>6'</td>
<td>165</td>
</tr>
<tr>
<td>99180</td>
<td>15' lone, most northerly spruce in clearing.</td>
<td>10'</td>
<td>165</td>
</tr>
<tr>
<td>99181</td>
<td>20' lone, most westerly spruce. About 3 M W. of tree line.</td>
<td>6'</td>
<td>165</td>
</tr>
<tr>
<td>99184</td>
<td>20' leaning, most westerly spruce on E. side of bay.</td>
<td>1'</td>
<td>165</td>
</tr>
<tr>
<td>99185</td>
<td>Group of 5 spruces on W. side of island. Most westerly spruces on point of land.</td>
<td>6'</td>
<td>165</td>
</tr>
<tr>
<td>99187</td>
<td>10' lone spruce about 8 M S. of tree line.</td>
<td>7'</td>
<td>165</td>
</tr>
<tr>
<td>99188</td>
<td>5' lone, most southerly spruce on southern side of island.</td>
<td>4'</td>
<td>165</td>
</tr>
<tr>
<td>99191</td>
<td>3' brick chimney on yellow house with wooden shingles on roof. Two windows and a door on E. side.</td>
<td>20'</td>
<td>46</td>
</tr>
<tr>
<td>99193</td>
<td>15' bushy, most northerly spruce on S. end of island.</td>
<td>3'</td>
<td>46</td>
</tr>
<tr>
<td>99194</td>
<td>10' lone, bushy spruce on E. side of island, about 10 M W of MHWL.</td>
<td>3'</td>
<td>46</td>
</tr>
<tr>
<td>99198</td>
<td>10' flat top, lone and most easterly spruce.</td>
<td>3'</td>
<td>46</td>
</tr>
<tr>
<td>99199</td>
<td>20' lone, most southerly spruce. About 40 M. W of MHWL.</td>
<td>3'</td>
<td>46</td>
</tr>
<tr>
<td>No.</td>
<td>Description</td>
<td>Ht. above MHW</td>
<td>Photo. No.</td>
</tr>
<tr>
<td>------</td>
<td>------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>----------------</td>
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</tr>
<tr>
<td>99200</td>
<td>20' lone spruce, about 50 M N of MHWL.</td>
<td>3'</td>
<td>46</td>
</tr>
<tr>
<td>99201</td>
<td>W gable of house painted white with red shutters. A porch is on S side and a 3' brick chimney in center of house.</td>
<td>15'</td>
<td>46</td>
</tr>
<tr>
<td>99202</td>
<td>S. gable of white painted house. Red brick chimney in center of roof and dormer with 4 windows.</td>
<td>20'</td>
<td>46</td>
</tr>
<tr>
<td>99203</td>
<td>15' lone, most easterly spruce on S side of rock ledge.</td>
<td>8'</td>
<td>46</td>
</tr>
<tr>
<td>99205</td>
<td>20' most easterly spruce on point of land, about 8 M N of MHWL.</td>
<td>3'</td>
<td>45</td>
</tr>
<tr>
<td>99206</td>
<td>15' most westerly spruce, about 4 M N of MHWL.</td>
<td>3'</td>
<td>45</td>
</tr>
<tr>
<td>99207</td>
<td>20' lone, pointed spruce tree, about 6 M. N. of MHWL.</td>
<td>3'</td>
<td>45</td>
</tr>
<tr>
<td>99208</td>
<td>25' spruce on point, on top of 10' ledge cliff.</td>
<td>10'</td>
<td>45</td>
</tr>
<tr>
<td>99209</td>
<td>35' spruce about 1 M W. of MHWL. Largest and most prominent spruce on tree line.</td>
<td>4'</td>
<td>52</td>
</tr>
<tr>
<td>99211</td>
<td>20' spruce on point of land at SE side of gravel beach. 5 M. SW of slighter, taller spruce.</td>
<td>5'</td>
<td>52</td>
</tr>
<tr>
<td>99213</td>
<td>25' spruce, NW of prominent gravel point, E. of group of alder bushes. About 75 M N of MHWL.</td>
<td>3'</td>
<td>52</td>
</tr>
<tr>
<td>46212</td>
<td>Overhanging 25' evergreen at NE end of gravel beach.</td>
<td>27'</td>
<td>753</td>
</tr>
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</table>
HISTORY OF DEPTH CURVES

T-8799

Roque Bluffs Quadrangle, Maine

The depth curves drawn at twenty foot intervals are referred to mean low water, and originate with hydrographic surveys by this bureau:

H-1059 (1870-92) 1:10,000
H-1685 (1885) 1:10,000
H-1686 (1885) 1:10,000

supplemented with chart letters:

CL 360 (1910)
CL 401 (1912)
CL 569 (1932)
CL 775 (1932)

The curves are omitted in the offshore portion of this quadrangle because of sparse hydrography.

Curves compiled by: R. E. Elkins - 4/5/49
Curves checked by: G. F. Jordan - 4/7/49

R. E. Elkins
R. E. Elkins
4/7/49

Depth curves are not shown on the registered copies.
LIST OF GEOGRAPHIC NAMES

T - 8799

Names added by compilation office - 2/5/49

Washington County

Washington County

Machias Bay

Jonesport (district)

Names preceding are approved. 9/11/48

(Based on Special Names Report and subsequent USBCN decisions)
FIELD EDI T REPORT
TO ACCOMPANY
QUADRANGLE T-8799
SEPTEMBER 1948

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 the field edit. Actual field work was performed by the writer during the period 9 Sept. to 29 Sept. 1948.

46. Methods: Field edit was accomplished by riding out all passable roads, and walking to other areas in which the reviewer requested information, or where the field editor suspected a weakness in the compilation. For the shoreline, islands, reefs and rocks a boat was used.

The reviewers questions were answered on the discrepancy print whenever possible. Other work was shown on the field edit sheet and photographs. All work shown on the photographs is properly referenced along with the photograph number on the field edit sheet.

Red ink was used for all additions and corrections and green ink for all deletions on the field edit sheet. Purple ink was used for contours on the photographs.

47. Adequacy of the Compilation: The Map Compilation is believed to be adequate with the exception of minor corrections and additions by the field editor.

48. Accuracy Tests: The vertical accuracy test made nearest this quadrangle was in quadrangle T-8646 which adjoins this quadrangle on the west. A cross section was run along the western side of Roque Island which will be used as an accuracy test after the compilation is made of this island. (See item 48 of report for T-8646) For the horizontal accuracy test nearest this quadrangle refer to item 48 of field edit report for quadrangle T-8645.

Submitted:
30 Sept. 1948

George E. Varnadore
Topo. Engr.

Buildings were classified in accordance with Photogrammetry Instructions No. 29 during the 1949 Field Edit season.
26. Control.-Triangulation stations, "Point of Main, 1883" and "No. 3, 1883", were added to the map manuscript. These stations were not listed as lost by the field inspector.

Two USCS tidal bench marks have been plotted on the map manuscript.

28. Detailing.—The Roque Bluffs-Jonesport town line and the western boundary of Machiasport have been redetailed during review in accordance with the information in "Sea and Shore Fisheries Laws of Maine", Page 125, as recommended in the boundary report for the project. Fan and Hickey Islands are shown in Roque Bluffs as indicated by the field inspector.

31. Low Water Line.—The position of some of the low water line was taken from low water photographs using the hydrographic surveys to assist in photo interpretation. The nature of the foreshore was symbolized on the map manuscript in accordance with field inspection notes.

37. Photo-Topo and Photo-Hydro Stations.—Photo-Topo station "Shoe, 1946" was deleted from the map manuscript. This station is Reference Mark No. 2 for triangulation station "Brother, 1946".

44. Comparison with Existing Surveys.—

A) USGS Machias Quad. 1:62,500 1918 Reprint 1943
USE Machias Quad. 1:62,500 1942

The town lines on the map manuscript do not agree with those shown on the Quads. Fan and Hickey Islands are shown in Machiasport on the Quads. See paragraph 28 of this report.

B) T-1543 1:10,000 1882-84
T-1666 " 1885
T-1676 " 1883 & 85
This map supersedes these surveys for nautical charting purposes.

45. **Comparison with Nautical Charts.**

Chart No. 303  1:40,000  1945 Corr. 1948

Grays Rock, a reef in Little Kennebec Bay, is incorrectly shown as an island on the chart.

Piers north of Shoppee Pt. and on Lakeman Island are not shown on the chart.

47. **Adequacy of the Compilation.** This map, T-8799, is a complete topographic map and has been compared and reconciled with all hydrographic and topographic surveys of record in this Bureau and is, therefore, the most complete and accurate topographic map of record in the area covered.

48. **Accuracy Test.** See Addendum to Compilation Report for results of a test radial plot in the Great Cove area. This map complies with the National Standards of Map Accuracy Requirements.

49. **Overlays.** An overlay was prepared showing the border information, road classifications, triangulation stations, bench marks and spot elevations that are to be shown by the draftsman.

Reviewed by:

Charles Theurer  
10-5-49

APPROVED:

L. V. Griffith  
Chief, Review Section  
Division of Photogrammetry

H. E. Edmondson  
Chief, Nautical Chart Branch  
Division of Charts

W. S. Reading  
Chief, Div. of Photogrammetry

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

<table>
<thead>
<tr>
<th>DATE</th>
<th>CHART</th>
<th>CARTOGRAPHER</th>
<th>REMARKS</th>
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<tbody>
<tr>
<td>6/24/49</td>
<td>304</td>
<td>H. H. Kenyon</td>
<td>Before After Verification and Review: Partially applied critical notes and notes added.</td>
</tr>
<tr>
<td>6/3/56</td>
<td>304</td>
<td>W. T. Johnson</td>
<td>Before After Verification and Review</td>
</tr>
</tbody>
</table>

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.