

8799 Nds

Diag'd. on Diag. Ch. No. 1201

Form 504

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 Rogue Bluffs

1948

CHIEF OF PARTY

R. A. Gilmore

LIBRARY & ARCHIVES

DATE December 16, 1949

8799

## DATA RECORD

T-8799

Quadrangle (II): Roque Bluffs

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

Field Office: Machias, Me.

Chief of Party: Ross A. Gilmore

Compilation Office:  
Baltimore, Md.

Chief of Party:

Thos. B. Reed

Div. of Photogrammetry,  
Office Files

Instructions dated (II III):

May 9, 1946

Sept 18, 1946

Copy filed in Descriptive  
Report No. T- (VI)

Completed survey received in office: 8-25-48

Reported to Nautical Chart Section: 4-29-49

Reviewed: 10-5-49 Applied to chart No. 304 (Part) Date: 6-14-49

Redrafting Completed:

Registered: 11-8-49

Published:

Compilation Scale: 1:8,500

Published Scale: 1:24,000

Scale Factor (III): 1.00

Geographic Datum (III): N.A. 1927

Datum Plane (III): Mean Sea Level

Reference Station (III): BRYANT, 1883

Lat.: 44° 36' 30.788"

Long.: 67° 26' 05.929"

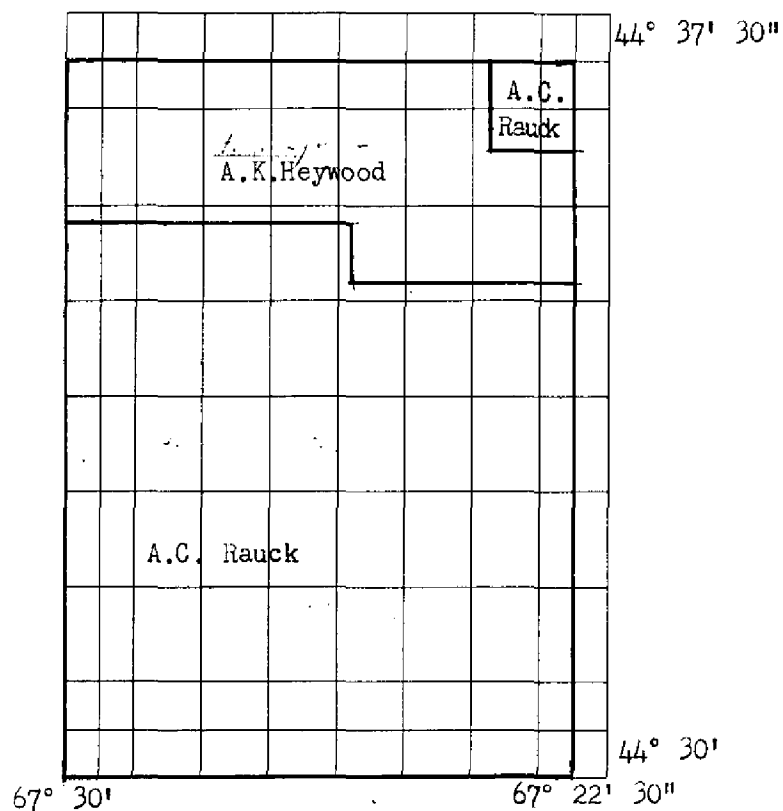
Adjusted  
~~Unadjusted~~

State Plane Coordinates (VI): Maine East State Grid

X =

Y =

Military Grid Zone (VI)



Areas contoured by various personnel  
(Show name within area)  
(II) (III)



44 and 46

PHOTOGRAPHS (III)  
E.S.T.

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
46-C-44-47	5-23-46	0920	1:20,000	1.4' above MLW
46-C-52	"	0930	"	1.3' above MLW
46-C-163-165	"	1240	"	5.3' above MLW
46-C-17-20	"	0900	"	1.6' above MLW
46-C-21	"	0905	"	1.4' above MLW
46-C-166-167	"	1250	"	6.2' above MLW
46-C-168-169	"	1300	"	5.7' above MLW
44-C-749-752	5-9-44	1000	"	11.2' above MLW
44-C-753 - 754	"	1015	"	11.7' above MLW

Tide from (III): Predicted tables, Ref. Sta. Eastport, Me.; with corrections for Starboard I. and Roque I. Harbor.

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      date: Season 1946

Irving L. Saperstein, John R. Smith and Boynton Locke

Field Edit by: G. Varhadoe      date: 9-30-48

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.      date: 10-17-47

" " " checked by: T.L.J.      date: 10-17-47

Control plotted by: Mildred T. Jacob      date: Dec. 1947

Control checked by: Donald M. Brant      date: Dec. 1947

Part 1 Radial Plot by: covering Roque Island, by:-      date: Sept. 1948  
Albert C. Rauck, Jr.

Detailed by: Bernadette A. Dew      date: July-August 1948

Reviewed in compilation office by:      date: August 1948  
Albert C. Rauck, Jr.  
manuscript

Elevations on Field Edit Sheet  
checked by: Albert C. Rauck, Jr.      date: August 1948

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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 ~~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.

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MAP T-8799

PROJECT NO. PH-11

SCALE OF MAP 1:8500

SCALE FACTOR

1.17647

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\psi$ -COORDINATE LONGITUDE OR $x$ -COORDINATE	N.A. 1927 DATUM DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS	DATUM CORRECTION	N.A. 1927-DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
						FORWARD	(BACK)	FORWARD	(BACK)
THOMAS, 1946	Unadj. field comp.	N.A. 1927	44° 36' 34.352"	1060.3	791.7			1247.4	931.4
			67 29 37.024	816.4	506.7			960.5	596.1
SUB. PT. THOMAS, 1946			44 36	1078.4	773.6			1268.7	910.1
			67 29	815.0	508.1			958.8	597.8
STARBOARD, 1862	U.S.C. & G.S. G.P.	"	44 36 13.860	427.8	1424.2			503.3	1675.5
			67 24 16.948	373.8	949.4			439.8	1116.9
FOSTER I., 1882	"	"	44 35 16.63	513.3	1338.7			603.9	1574.9
			67 23 41.77	921.4	402.1			1084.0	473.1
SUB. PT. FOSTER I., 1882			44 35	497.0	1355.0			584.7	1594.1
			67 23	1074.1	249.4			1263.6	293.5
SCABBY, 1883	"	"	44 34 22.43	692.3	1159.7			814.5	1364.3
			67 24 26.61	587.1	736.7			690.7	866.7
BRYANT, 1883	"	"	44 36 30.788	950.4	901.6			1118.1	1060.7
			67 26 05.929	130.7	1192.4			153.8	1402.8
BROTHER, 1945	Unadj. field comp.	"	44 33 21.476	662.9	1189.1			779.9	1398.9
			67 26 24.335	537.0	787.2			631.8	926.1
SUB. PT. BROTHER, 1946			44 33	660.9	1191.1			777.5	1401.3
			67 26	535.6	788.6			630.1	929.8
Point of Main, 1883	G.P. Lists	"	44 35	1566.8					
			67 24	710.6					
No 3, 1883	"	"	44 36	1048.0					
			67 25	361.6					
483									

1 FT. = 3048008 METER

COMPUTED BY: H.P.E.

DATE

1946

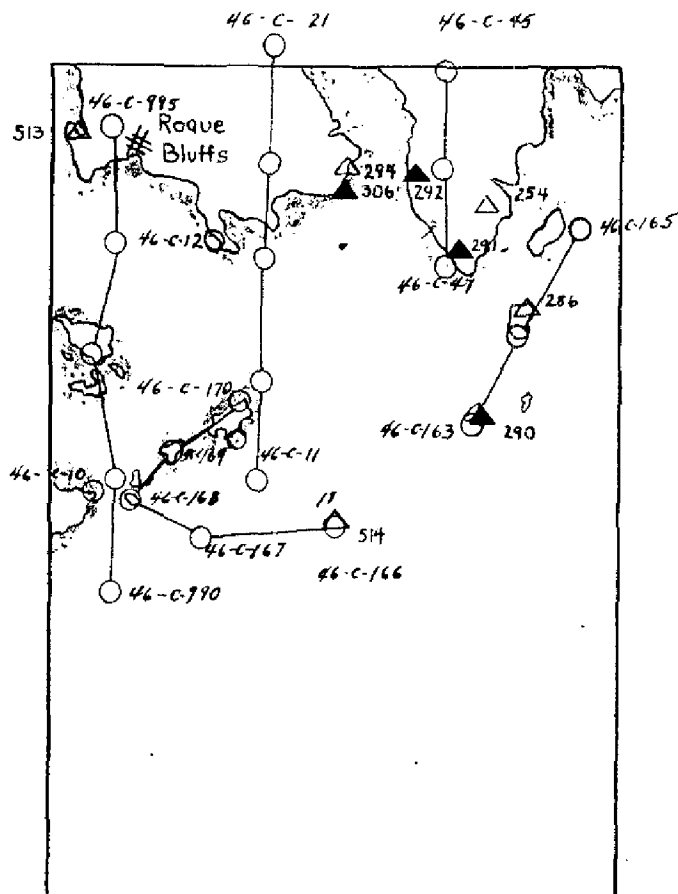
CHECKED BY: E.L.B.

DATE

1946

M-2388-12

254 Starboard, 1862  
 286 Foster Island, 1882 (held while  
 290 Scabby, 1883 detailing)  
 291 Point of Maine, 1883  
 292 No. 3, 1883  
 294 New Barn, No. 261c, 1883  
 306 Bryant, 1883  
 513 Thomas, 1946  
 514 Brother, 1946



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

Ph-11(46)  
 T-8799

SKETCH OF HORIZONTAL CONTROL

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# 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 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 ~~Div. of Photogrammetry General Files~~ Project Completion Report in Bureau 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 8795. Filed in ~~Div. of Photogrammetry General Files~~ 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:

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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 ~~Div. of Photogrammetry - General Files~~  
~~Project Completion Reports in Bureau Library~~  
The following photographs were used for all horizontal control identification: 1:8500 scale ratio prints Nos. 46 C 17, 46, 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 8795. The code letters RB prefix all spot elevations. One spot elevation RB No. 7 was determined by Irving I. Saperstein, Engr. Draftsman, by the hand level method. Two spot elevations were determined by Boynton 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, 163, 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. *2 piers*

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 lone 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.

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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. Road not 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.

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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:

  
Lewis V. Evans, III, Lt.(jg)

  
Irving I. Saperstein, Eng.Drafts.

  
John R. Smith, Eng. Aid

Approved and Forwarded:

  
Ross A. Gilmore, Chief of Party

COMPILATION REPORT

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

Filed in ~~Dir. of Photogrammetry, General Files~~  
*Project Completion Report in Bureau Library*

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.

~~See Review Report for additional rocks to be investigated~~

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	9909	9926	9941	9966	99189
T.S. 99192	9913	9930	9943	9970	99195
T.S. Shoe deleted.	9918	9937	9951	99162	99204
see Review 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 Geog. 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 completed by radial plot.

All junctions checked during review.

### 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~~

See TP 48 of Review Report.

### 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 Englishman Bay and Little Kennebec Bay, as per field inspection data.

See TP 28 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 Shoppee 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.

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Respectfully submitted

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

Bernadette A. Dew  
Bernadette A. Dew  
Engineering Draftsman  
Compiler

Stanley W. Trow  
Stanley W. Trow, Supervisor

Approved and forwarded

Thos B Reed  
Thos. B. Reed  
Officer in Charge  
Baltimore Photogrammetric Office

*v sm*

Compilation Report  
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 reflowed 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:

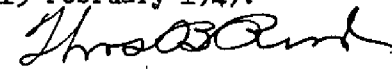
- BEALS N. CH. SP. 1913
- SUB. PT. ALLEY, 1913
- SUB. PT. KEL, 1913
- KELLEY SCHOOL HO. CUP. FLAG, 1913
- JONESPORT CH. SP., 1862
- SAWYERS COVE CH. SP., 1913
- MARK 2, 1934
- SUB. PT. WOODWARD, 1862
- " ROGERS, 1862
- " HIGH, 1934
- " MARSTIN, 1883
- " THOMAS, 1946
- " SPRUCE, 1946
- " BROTHER, 1946
- " MOOSE-A-BEC, 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-8642, 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

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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 requested during Review.~~

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

Edited and respectfully submitted

Bernadette A. Dew

Bernadette A. Dew  
Engineering Draftsman

Albert C. Rauck, Jr.

Albert C. Rauck, Jr.  
Engineering Draftsman  
Review

Approved and forwarded

Thos. B. Reed

Thos. B. Reed  
Officer in Charge  
Baltimore Photogrammetric Office

Hydro. No.	Description	Ht. . above M.H.W.	Photo. No.
✓ 9901	25' bushy spruce tree at head of small cove. Most southerly spruce in vicinity. About 40 m. N. of MHWL.	2'	20
✓ 9902	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	3'	20
✓ 9903	30' spruce tree on edge of steep ledge cliff and is most southerly spruce. About 1 M N of MHWL.	6'	20
✓ 9904	25' pointed spruce tree, most westerly in group of spruces. On MHWL and on E side at head of small gravel cove	1'	20
✓ 9905	15' overhanging spruce tree, most southerly spruce in vicinity. About 1 M N of MHWL.	1'	20
✓ 9906	30' pointed spruce tree on edge of steep mud bank. Center spruce in group of spruces.	8'	20
✓ 9907	25' leaning spruce tree at head of gravel cove and most easterly spruce in vicinity. About 2 M W of MHWL.	1'	20
✓ 9908	8' lonespruce on E side of large cove. Tree is most southerly spruce and is on rocky ledge.	6'	20
✓ 9910	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.	25'	20
✓ 9912	10' bushy spruce tree at edge of gravel beach. Most southerly spruce in vicinity about 5 M E of MHWL.	2'	20
✓ 9914	25' lone pointed spruce, about 10 M E of MHWL. Another 30' pointed spruce is about 5 M S of signal.	6'	20
✓ 9915	15' double bushy spruce on edge of grass line and N side of island. About 6 m S of MHWL.	3'	20

Hydro. No.	Description	Height above M.H.W.	Photo. No.
9917	20' pointed spruce tree on top of 10' ledge cliff on E side of island. About 2 M W. of MHWL.	6'	46
9919	25' bushy spruce tree about 5 M W of MHWL. Another 20' spruce tree is about 2 M S of signal.	3'	21
9920	End of a very prominent shrub covered earth bank, extending N. to a rocky beach.	2'	21
9923	25' bushy spruce tree, most prominent on edge of 6' grassy bank. About 3 M E. of MHWL.	4'	753
9924	30' pointed spruce on top of 20' ledge cliff. About 4 M N of a camp.	20'	753
9927	25' leaning spruce at head of cove. About 1 M S. of MHWL and about 6 M. W. of a small creek.	1'	753
9928	25' leaning bushy spruce on E. side of cove. Most westerly spruce in a group and about 1 M E. of MHWL.	1'	753
9929	Point of land sticking out in the water. It is a 3' rock ledge and is on E. side of cove. Unable to identify G&V	3'	753
9933	20' double spruce tree on E. side of island, about 6 m. W. of MHWL. Only double spruce in vicinity.	3'	752
9934	30' spruce tree on E. side of small island. Largest and most prominent in vicinity. About 7 m W. of MHWL.	2'	752
9935	S. gable of barn with grey wooden shingled roof, located in field about 60 M E. of MHWL. Torn Down	25'	753
9936	30' spruce tree about 40 M. N. of MHWL. About 3 M E. is another 25' pointed spruce tree. Only 2 spruces in vicinity.	6'	753



Hydro. No.	Description	Ht. above MHW.	Photo. No.
✓ 9942	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.	30'	753
✓ 9944	15' spruce on top of steep mud cliff. Another 15' spruce is about 2 M E. Most prominent spruces in vicinity.	10'	20
✓ 9945	25' pointed spruce at bottom of 10' dirt cliff. About 1 M E. of MHWL and most westerly spruce.	1'	20
✓ 9946	Lone 5' spruce on NE side of small cove at bottom of grassy bank. About 4 M N of MHWL.	2'	20
✓ 9947	10' spruce tree with no limbs at top. Most southerly in line of spruces. About 5 M. E. of MHWL.	2'	20
✓ 9950	15' spruce on E. side of island. About 7 M. W. of MHWL. Tree blazed on E. side.	5'	752
✓ 9952	15' pointed spruce about 3 M N. of MHWL. Another 25' double spruce is about 8 M W. of Signal.	3'	752
✓ 9953	4' brownish boulder on NW point of island, about 10 M W. of tree line. Largest boulder in vicinity.	4'	752
✓ 9954	20' lone spruce on N side of island about 1 M. S. of MHWL. Most prominent spruce in vicinity.	2'	752
✓ 9955	5' spruce on N point of island. Most northerly spruce on island.	3'	752
✓ 9956	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.	10'	752
✓ 9957	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.	15'	752

Hydro. No.	Description	Ht. above MHW.	Photo. No.
✓ 9960	20' leaningspruce on tree line on N side of small creek, about 1 M N of MHWL. Most prominent spruce.	2'	752
✓ 9961	10' flat top spruce on edge of tree line on W. side of creek. About 7 M W of MHWL.	1'	752
✓ 9962	Eastern bank of an old earth dike on the W. side of river.	3'	21
✓ 9963	Lone 15' bushy spruce on E. side of river, about 10 M. E. of MHWL.	2'	752
✓ 9964	15' pointed spruce on E. side of river about 1 M E of MHWL. Most prominent spruce.	1'	752
✓ 9965	15' pointed spruce on N side of small cove. There are 2 20' birch trees on each side of spruce.	5'	21
✓ 9967	15' spruce on tree line, about 1 M W of MHWL. A 30' birch tree is about 10 M N of signal.	2'	21
✓ 9968	25' pointed spruce about 3 M W of MHWL. Most prominent spruce in vicinity.	3'	21
✓ 9969	W end of pier on W side of small island. Pier is about 4' high and has about 25' walk.	2'	21
✓ 99147	E. gable of brown painted garage with green trimmings, on island. There are a window and a door in the E. gable.	12'	46
✓ 99149	10' spruce in a group of spruces on southern end of island.	4'	46
✓ 99150	NE gable of shed with wooden shingles on roof and sides and has red trimmings.	10'	46
✓ 99151	W. gable of house,, painted red with grey wooden shingles on roof. A 4' brick chimney is in center of house.	25'	46
✓ 99152	30' spruce on N. side of creek. Largest spruce in vicinity.	3'	46
✓ 99153	10' lone spruce on S side of creek, about 5 M S. of MHWL.	3'	46

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Hydro. No.	Description	Ht. above MHW	Photo. No.
✓ 99154	15' double spruce on rocky beach, about 5 M W. of MHWL.	2'	46
✓ 99155	S. gable of white house with green trimmings. There are 2 4' red brick chimneys and six windows and a door in S. gable.	25'	46
✓ 99156	SW gable of brown painted house with white trimmings. There is a 3' red brick chimney; also two large windows in gable.	30'	45
✓ 99157	SW gable of house painted white with grey wooden shingles on roof. A 4' brick chimney is in center.	30'	45
✓ 99159	15' spruce in clearing, about 25 M E. of MHWL.	3'	45
✓ 99160	Most southerly 20' pointed spruce. About 3 M N of MHWL.	2'	45
✓ 99161	25' lone spruce about 4 M N. of MHWL. It is about 5 M S. of group of spruces.	1'	45
✓ 99163	10' lone flat top spruce about 5 M S of tree line and about 10 M N of MHWL.	2'	45
✓ 99165	N gable of fishing shack with wooden shingles on roof and sides and white trimmings. One window in S side.	10'	45
✓ 99166	10' spruce about 5 M E of MHWL.	2'	45
✓ 99167	15' spruce on E side of small cove. Largest and most northerly spruce in vicinity.	4'	45
✓ 99168	Most westerly, lone 15' spruce, about 1 M E of MHWL.	4'	45
✓ 99169	10' bushy spruce on edge of tree line, about 2 M <sup>W</sup> of MHWL.	2'	45
✓ 99170	20' spruce on ledge. Largest spruce on rock	5'	45
✓ 99172	10' lone spruce at head of rocky beach. About 2 M E. of MHWL.	2'	46
✓ 99173	Most westerly, 20' spruce on tree line.	1'	46
✓ 99174	15' bushy spruce about 4 M E of MHWL.	4'	46

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Hydro. No.	Description	Ht. above MHW	Photo. No.
✓99175	10' bushy spruce on top of a 6' rock ledge. About 2 M E of MHWL.	7'	46
✓99176	10' lone bushy spruce, with branches on the ground. About 3 M E of MHWL.	3'	46
✓99177	10' double spruce at edge of tree line, about 2 M S. of a deep gorge.	10'	46
✓99178	10' scrubby, most westerly spruce. About 6 M E of MHWL	4'	46
✓99179	10' lone, most southerly spruce. About 10 M E. of MHWL.	6'	165
✓99180	15' lone, most northerly spruce in clearing.	10'	165
✓99181	20' lone, most westerly spruce. About 3 M W. of tree line.	6'	165
✓99184	20' leaning, most westerly spruce on E. side of bay.	1'	165
✓99185	Group of 5 spruces on W. side of island. Most westerly spruces on point of land.	6'	165
✓99187	10' lone spruce about 8 M S. of tree line.	7'	165
✓99188	5' lone, most southerly spruce on southern side of island.	4'	165
✓99191	3' brick chimney on yellow house with wooden shingles on roof. Two windows and a door on E. side.	20'	46
✓99193	15' bushy, most northerly spruce on S. end of island.	3'	46
✓99194	10' lone, bushy spruce on E. side of island, about 10 M W of MHWL.	3'	46
✓99198	10' flat top, lone and most easterly spruce.	3'	46
✓99199	20' lone, most southerly spruce. About 40 M. W of MHWL.	3'	46

Hydro. No.	Description	Ht. above MHW	Photo. No.
99200	20' lone spruce, about 50 M N of MHWL.	3'	46
✓ 99201	W gable of house painted white with red shutters, A porch is on S side and a 3' brick chimney in center of house.	15'	46
✓ 99202	S. gable of white painted house. Red brick chimney in center of roof and dormer with 4 windows.	20'	46
✓ 99203	15' lone, most easterly spruce on S side of rock ledge.	8'	46
✓ 99205	20' most easterly spruce on point of land, about 8 M N of MHWL.	3'	45
✓ 99206	15' most westerly spruce, about 4 M N of MHWL.	3'	45
✓ 99207	20' lone, pointed spruce tree, about 6 M. N. of MHWL.	3'	45
✓ 99208	25' spruce on point, on top of 10' ledge cliff.	10'	45
✓ 99209	35' spruce about 1 M W. of MHWL. Largest and most prominent spruce on tree line.	4'	52
✓ 99211	20' spruce on point of land at SE side of gravel beach. 5 M. SW of slighter, taller spruce.	5'	52
✓ 99213	25' spruce, NW of prominent gravel point, E. of group of alder bushes. About 75 M N of MHWL.	3'	52
✓ 46212	Overhanging 25' evergreen at NE end of gravel beach.	27'	753

# 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

- Bare Cove
- Black Head
- Calf Island
- Calf Point
- Cow Pt.
- Despair Island
- Englishman Bay
- Englishman River
- Fan Island
- Foster Island
- Foster Channel
- Grays Beach
- Grays Rock
- Great Cove
- Gull Rock
- Hickey Island
- Howard Cove
- Howard Pt.
- Johnson Cove
- Johnson Mt.
- Little Kennebec Bay
- Machiasport (district)
- Mack Cove
- Pierson Ledge
- Point of Main
- Pond Cove
- Pond Cove Island
- Roque Bluffs (2) (village & district)
- Roque Bluffs Rd.
- Sea Wall Pt.
- Shag Ledge
- Shoppee Island
- Shoppee Pt.
- Starboard
- Starboard Cove

Names added by compilation  
Office - 2/15/49

- Great Spruce I.
- Shag Rock
- Pulpit Rock
- Black Ledges (part at Black Ledges)
- Green I.
- Brothers Passage
- The Brothers
- Jumper Ledge
- Misery Ledge
- Starboard I. Ledge
- Codhead Ledge
- Eastern Ledges
- Green I. Ledge

- Starboard Creek
- Starboard Island
- Starboard Island Bar

Washington County  
Gulf of Maine <sup>wash off 5/15/40.</sup>

Machias Bay

Jonesport (district)

Names preceded by  
are approved. 9/2/48  
L. Heck.

(Based on Special Names  
Report and subsequent  
USBGN decisions)

No changes  
11-28-49 L.H.

added  
10-5-49 L.H.

- Ram Island
- Scabby Islands
- Scabby I. Ledge
- Halifax Island
- Anguilla Island
- Double Shot Island (in part)
- Roque I. Harbor

- Lakeman Island
- Lakeman Harbor
- Bar Island
- Marsh Island
- Roque Island

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FIELD EDIT 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. Varnadoe*  
~~George E. Varnadoe~~  
Topo. Engr.

Buildings were classified in accordance with Photogrammetry Instructions No 29 during the 1949 Field Edit season.

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Review Report T-8799  
Topographic Map  
Oct. 5, 1949

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 USC&GS 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-1670	"	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. Vertical 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  
C. Theurer  
10-5-49

APPROVED:

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

J. R. Edmonson  
Chief, Nautical Chart Branch  
Division of Charts

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