

8646

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. CS-272-F Office No. T-8646

LOCALITY

State Maine

General locality Washington County

Locality Moosabec Reach, Chandler Bay,
Englishman Bay

1944-'48

CHIEF OF PARTY

R. A. Gilmore

LIBRARY & ARCHIVES

DATE

Dec 16 - 1949

8646

DATA RECORD

T- 8646

Quadrangle (II):
Jonesport, Me.

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

Field Office:
Machias, Maine

Chief of Party:
Ross A. Gilmore

Compilation Office:
Baltimore, Md.

Chief of Party:
Comdr. Thos. B. Reed
Division of Photogrammetry

Instructions dated (II III):
June 19, 1945, May 9, 1946

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

Completed survey received in office: 5-19-49

Reported to Nautical Chart Section: 5-26-49

Reviewed: 9-8-49 Applied to chart No. 304 (Part) Date: 6-14-49

Redrafting Completed:

Registered: 10-28-49

Published: 11-1-49

Compilation Scale: Multiplex: 1:8500 Published Scale: 1:24,000
Manuscript: 1:10,000

Scale Factor (III): 1.00

Geographic Datum (III): N.A. 1927

Datum Plane (III):
Mean Sea Level

Reference Station (III): KEL, 1913

Lat.: 44° 31' 56.052"

Long.: 67° 34' 06.508"

Adjusted
Unadjusted

State Plane Coordinates (VI): Maine East State

X =

Y =

Military Grid Zone (VI)

219

1944
PHOTOGRAPHS (III)
E.S.T.

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
993 - 998	5-17-44	1045	1:20,000	1 ft.
999 - 1000	"	1100	"	"
1020 - 1027	"	1115	"	"
1035 - 1042	"	1130	"	MLW
1361 - 1362	5-28-44	1115	"	3 ft.

Tide from (III): MOOSE PEAK LT.; JONESPORT, MOOSABEC REACH;
ROQUE I. HBR., ENGLISHMAN BAY

Mean Range: 11.9

Spring Range:

13.5

Camera: (Kind or source)

U.S.C. & G.S. Type "C", 6-inch metrogon lens

Field Inspection by:

Boynton Locke, Jr.

Robert R. Kim

date:

1946

Field Edit by: S.J. Hathorn

date: 10-1-48

Date of Mean High-Water Line Location (III): May 22 to July 3, 1946

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

date: 6-2-47

" " " checked by: T.L.J.

date: 6-2-47

Control plotted by: Albert C. Rauck - Bernice Wilson
Albert K. Heywood

date: 11-47 and 7-48

Control checked by:

Donald M. Brant - Henry P. Eichert 1:10,000

Stanley W. Trow - Albert K. Heywood 1:8,500

date:

1 - 48 and 7-48.

Radial Plot by:

date:

Detailed by: 1:8500: Albert K. Heywood and Mildred T.
Jacob (shoreline);
1:10,000: Bernice Wilson

date: 7-48

Reviewed in compilation office by: Henry P. Eichert

date: 8-48

Elevations on Field Edit Sheet

checked by: manuscript

Henry P. Eichert

date: 8-48

STATISTICS (III)

Land Area (Sq. Statute Miles): 27 sq. mi.

Shoreline (More than 200 meters to opposite shore): 64 miles

Shoreline (Less than 200 meters to opposite shore): 2-1/4 miles

Number of Recoverable Topographic Stations established: 16

Number of Temporary Hydrographic Stations located by ~~radial~~
~~plots~~ 95

Leveling (to control contours) - miles: $9\frac{1}{2}$ 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: Land area and shoreline statistics include area to be
compiled.

MAP T-8646

PROJECT NO. CS-272-F

SCALE OF MAP 1:10,000

SCALE FACTOR 1.00

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ν -COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
ALLEY, 1913	U.S.C. & G.S. G.P. List	N.A. 1927	44 30 54.354 67 34 51.308			1677.7 174.3 1133.2 192.0	
SS ALLEY, 1913		"	44 30			1678.4 173.6	
BEALS, 1862	"	"	67 34			1147.3 177.9 902.9 949.1	
BEALS, N.CH.SP., 1913	"	"	44 30 29.250 67 37 09.769			215.8 1109.6	
BEALS, S.CH.SP., 1913	"	"	44 31 08.762 67 36 53.358			270.5 1581.5 1178.4 146.8	
BEALS, SCH. CUPOLA, 1913	"	"	44 30 59.363 67 36 49.565			1832.4 19.6 1094.7 230.5	
KEL, 1913	"	"	44 31 12.307 67 36 50.506		<i>Reported destroyed at time of field edit, 1948</i>	378.9 1472.1 1115.4 209.8	
S.S.KEL, 1913	"	"	44 31 56.052 67 34 06.508			1730.2 121.8 143.7 1181.1	
KELLEY SCH., CUPOLA FLAGSTAFF, 1913	"	"	44 31 55.73 67 34 48.34			1729.2 122.8 168.7 1156.1	
JONESPORT, CH. SP., 1862	"	"	44 32 01.046 67 35 49.151			1720.2 131.8 1067.3 257.5	
JONESPORT UNDER- WOOD BANNING FAC- TORY CHIMNEY, 1913	"	"	44 31 39.618 67 36 59.423			32.3 1819.7 1085.3 239.5	
MOOSE-a-bec, 1861	"	"	44 30 09.338 67 31 18.811			1222.9 629.1 1312.2 12.7	
						288.2 1563.8 415.6 909.9	

1 FT. - 3048006 METER
COMPUTED BY: H.P.E., SWT

DATE Winter 1946-1947

CHECKED BY: ACR., HPE.

DATE Winter-1946-1947

M-2388-12

MAP T-8646

PROJECT NO. CS-272-F

SCALE OF MAP 1:10,000

SCALE FACTOR 1.00

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ν -COORDINATE LONGITUDE OR x -COORDINATE		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)	FORWARD	(BACK)
SS MOOSE-A-BEC, 1861		N.A. 1927	44	30				275.5	1576.5		
			67	31				385.1	940.4		
MARK 2, 1934	U.S.C.& G.S.		44	31	50.476			1558.0	294.0		
	G.P. List	"	67	32	11.147			246.1	1078.7		
NORTON, 1862	"	"	44	32	07.372			227.6	1624.4		
			67	37	08.177			180.5	1144.3		
S.S. NORTON, 1862		"	44	32				239.8	1612.2		
			67	37				153.2	1171.6		
ROGERS, 1862	"	"	44	35	56.360			1739.7	112.4		
			67	33	34.580			762.6	560.7		
			44	35				1745.3	106.8		
S.S. ROGERS, 1862		"	67	33				766.1	557.2		
			44	35	11.627			358.9	1493.1		
7ROQUE, 1862	"	"	67	30	46.136			1017.8	305.8		
RYEFIELD, 1862	"	"	44	36	44.729			1380.7	471.4		
			67	36	27.329			602.6	720.5		
S.S. RYEFIELD 1862		"	44	36				1393.0	459.1		
			67	36				631.9	691.2		
SAWYERS COVE, CH.SP., 1913	"	"	44	31	57.680			1780.4	71.6		
			67	35	46.387			1024.2	300.6		
SPRUCE, 1946	"	"	44	33	14.044			433.5	1418.5		
			67	30	19.633			433.3	891.0.6		
223 S.S. SPRUCE, 1946		"	44	33				429.4	1422.6		
			67	30				458.4	865.9		

1 FT. = 3048006 METER

COMPUTED BY: H.P.E. S.W.T.

DATE Winter 1946-1947

CHECKED BY: A.C.R., H.P.E.

DATE Winter 1946-1947

M-2368-12

MAP T. 8646

PROJECT NOCS-272-F

SCALE OF MAP 1:10,000

SCALE FACTOR 1.0

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y-COORDINATE LONGITUDE OR X-COORDINATE		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	
WOODARD, 1862	U.S.C. & G.S. G.P. List	N.A. 1927	44	33.	34.026			FORWARD	(BACK)	FORWARD	(BACK)
			67	34	41.823			1050.3	801.7		
SS WOODARD, 1862		"	44	33				923.0	401.2		
			67	34				1049.5	802.5		
WEST JONESPORT, UNION CH.SP., 1913	"	"	44	31	42.962			915.7	408.5		
			67	37	17.720			1326.1	525.9		
EMMS ROCK BEACON, 1946	Form 567	"	44	31				391.3	933.6		
			67	33				1356.6	495.4		
CHANNEL ROCK BN. near JONESPORT, 1913	U.S.C. & G.S.G.P.	"	44	30	05.194			1304.2	20.7		
			67	33	52.054			160.3	1691.7		
GILCHRIST ROCK BEACON, 1913	"	"	44	31	53.053			1149.9	175.6		
			67	32	52.467			1637.6	214.4		
MOOSE ROCK TRIPOD, 1913	"	"	44	31	13.855			1158.5	166.3		
			67	32	24.142			427.7	1424.3		
SNOWS ROCK BEA- CON, 1913	"	"	44	31	37.956			533.2	791.9		
			67	34	24.401			1171.6	680.4		
LIT (U.S.E.)	U.S.E.	"	251,578.43					538.8	786.2		
			728,814.96					481.4	1043.6		
LOB (U.S.E.)	"	"	251,863.83					1163.6	361.4		
			729,985.06					568.5	956.5		
J NORM (U.S.E.)	"	"	251,157.29					1520.4	4.6		
			729,214.408					353.0	1172.0		
224								1285.4	239.6		

1 FT. = 3048006 METER

COMPUTED BY: H.P.E., S.W.T.

DATE Winter 1946-1947

CHECKED BY: A.C.R., H.P.E.

DATE

Winter-1946-1947

M-2388-12

FIELD INSPECTION REPORT

TO ACCOMPANY

QUADRANGLE 8646

PROJECT CS-272-F

JULY 1946

1 - DESCRIPTION OF THE AREA:

This quadrangle extends from N. Lat. $44^{\circ}-30'-00''$ to $44^{\circ}-37'-30''$ and from W. Long. $67^{\circ}-30'-00''$ to $67^{\circ}-37'-30''$. The area is about 50% water and includes the principal islands of Roque, Head Harbor, Beal and Great Wass.

The principal town is Jonesport, a fair sized fishing town, and the main road is Maine No. 187 running north and south on the east side of the mainland in about the center of the quadrangle.

The vegetation consists mainly of pine, spruce, fir, hackmatack, maple, birch and alder. There are areas of marsh along the streams and several peat bogs, one of which is in commercial operation.

2 - COMPLETENESS OF FIELD INSPECTION:

All important features such as buildings, roads, railroads, bridges and vegetation were identified or classified in accordance with instructions for the project. The mainland was field inspected by Boynton Locke, Jr., Topographic Engineer, and the islands by Robert R. Kim, Photogrammetric Aid.

3 - INTERPRETATION OF THE PHOTOGRAPHS:

See report for quadrangle 8641.

4 - HORIZONTAL CONTROL:

All known existing control in this quadrangle not recovered in the 1945 field season was recovered and identified for photographic control use with the exception of the following stations which were recovered but not identified on the photographs: Roque, 1862; Gilchrist Rock Beacon, 1913; Moose Rock Tripod, 1913; Snows Rock Beacon, 1913; Chammel Rock Beacon (near Jonesport) 1913. Station Roque is located on a high, densely wooded bluff, where no point within practical range could be positively identified, since this station was not noted as an essential control point the time necessary to locate a sub-station appeared excessive. The beacons noted above could not be identified accurately on the photographs.

5
2
2

One new triangulation station Spruce, 1946, was established on Great Spruce Island as required in horizontal control specifications. This station was located by the 3-point fix method, angles observed with a 7-inch repeating theodolite, with better than 3-order accuracy.

Three Triangulations stations ("LIT", "LOB", "NORM") established by the U.S.E.D. in March 1946 in the vicinity of Beal Harbor were recovered and identified for photographic control. These stations were determined by U.S.E. from observations at C.&G.S. triangulation stations, N.A. 1927 Datum and their coordinate positions are submitted with accompanying letter from U. S. Engineer Office.

The following photographs were used for station identification:

1:20,000 scale photographs 44 C 994, 1026 and 1362

1: 8,500 scale ratio prints of 44 C 749, 1035 and 1036.

5 - VERTICAL CONTROL:

The principal line in this quadrangle was run in two sections; one from B.M. 19 in Jonesport to points JP-1 through 7 and closed on B.M. 43; the other was started from JN-11 (quadrangle 8642) established by J. R. Smith, Photogrammetric Aid, and tied in at B.M. 43. JP-3, 11 and 15 were determined by double rodded extra sights, the main line was run through all other points. A complete loop was made through JP-13 and 14 from JN-13.

A line was started at B.M. 1(U.S.E.) on Beals Island and elevations of JP-17 through 20 and G.W. 1,2,3 determined and the line was closed on tidewater. B.M.1(U.S.E.) was established by the U.S. Engineers in 1946 and is shown as 13.22' above MLW (see photostat attached to Bench Mark recovery card).

One spot elevation was determined on the highest point within the yellow circle on Head Harbor Island and two were determined on Roque Island. These lines were started and ended on tidewater with the date and time entered in the record book.

Approximately $9\frac{1}{2}$ miles of trigonometric levels were run and 23 elevations determined in this quadrangle.

All closures were within required limits and those over 1 foot were adjusted.

Elevations of points determined from tidewater were not inked on the photographs as per instructions.

All bench marks, including tidal, were searched for or recovered, identified on the photographs, and "Report on Condition of Bench Mark" form submitted.

The following 1:20,000 single lens photographs were used: 44 C 997, 1021, 1023, 1035, 1037, 1039, 1361. The letters JP prefix all elevations determined in this quadrangle.

6 - CONTOURS AND DRAINAGE:

Inapplicable.

7 - MEAN HIGH-WATER LINE:

The field inspection of shoreline was accomplished by traversing the shore on foot and from a small boat running slow and as close to the shore as possible. The Mean High-Water Line was identified on the 1:8500 scale ratio print photographs within 0.5mm of true position. Legend for shoreline inspection appears on the reverse side of photograph No. 44 C 1036.

The following 1:8500 scale, single lens photographs were used for shoreline inspection: 44 C 753, 993 - 999 inclusive, 1020-1027 inclusive, 1034, 1035, 1036, 1361, and 1362.

8 - LOW-WATER LINE:

The photographs were taken near low water. The low water line has been accurately identified on the 1:8500 scale ratio prints where possible. Otherwise, the approximate low water line has been indicated by the appropriate low-water symbol.

9 - WHARVES AND SHORELINE STRUCTURES:

All wharves and shoreline structures have been indicated and labelled on the photographs. All of these that could not be easily distinguished were outlined in red ink.

10 - DETAILS OFFSHORE FROM THE HIGH-WATER LINE:

In the southern and eastern parts of this quadrangle there are numerous rocks awash. At each of these visible on the photographs a note was made on the photographs as to how much the rock or ledge bared with the time and date indicated. Numerous additional rocks not visible on the photographs will require investigation by the hydrographic party. Also, there are many fish weirs or traps, some of which extend as much as 1/2 mile offshore. All of these were indicated and labelled on the photographs except one or two which were built after the photographs were taken and do not show. These weirs are not permanent, being subject to destruction by storms and ice, hence will require further investigation by the hydrographic party.

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11 - LANDMARKS AND AIDS TO NAVIGATION:

All landmarks within this quadrangle have been included in the report "Landmarks for Charts" submitted for that area of Project CS-272-F covered during 1946 field season.

The only fixed aids to navigation are the beacons listed in item No. 4 and Emms Rock Light (Δ station Emms Rock Beacon, 1913). The latter was identified on the photographs; theodolite cuts were taken to the 4 beacons not identified on the photographs, and all were found to be correctly located by the triangulation positions previously determined.

12 - HYDROGRAPHIC CONTROL:

An effort has been made to establish sufficient hydrographic control although this was difficult in some areas because of dense woods along shore which made objects hard to identify and describe.

Objects suitable for hydrographic signals were pricked on the photographs for future use by the hydrographer and numbered in accordance with the instructions and a short description recorded in field sketchbook Vol. 4.

The objects used consist of lone or outstanding trees, points of ledge along the shore, large outstanding boulders, corners of piers, chimneys of houses and gables and corners of houses and other buildings.

In addition to the above, recoverable topographic stations were established at intervals not in excess of 1 mile. Where these stations could not be pricked directly on the photographs, the substitute station method of location was used. Description of Recoverable Topographic Station, Form 524, and Control Station Identification cards for those stations employing a substitute station, have been submitted. There are 25 such stations in this quadrangle.

13 - LANDING FIELDS AND AERONAUTICAL AIDS:

There are no landing fields or aeronautical aids in this area.

14 - ROAD CLASSIFICATION:

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

15 - BRIDGES:

All bridges in this area were identified.

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16 - BUILDINGS AND STRUCTURES:

Buildings and structures were identified by encircling; public buildings and isolated mills, plants, etc., were labelled. "D" and "B" designate dwelling and barn respectively.

17 - BOUNDARY MONUMENTS AND LINES:

A special report on this subject, covering that part of Project CS-272-F field inspected by this Party, will be submitted by Harold A. Duffy, Principal Photogrammetric Aid.

18 - GEOGRAPHIC NAMES: 214✓

Same as 17 above.

19 - BLUEBERRY BARRENS:

See Field Inspection Report for Quadrangle 8642, this item.

Note: Work on the various items was done by the following officer and men: Items 4 and 11 by Lieut. (jg) Lewis V. Evans III,
Items 1, 2, 3, 5, 13, 14, 15 and 16 by Boynton Locke, Jr.,
Topo. Engr.
Items 7, 8, 9, 10 and 12 by Robert R. Kim, Photo. Aid.

Respectfully Submitted:

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

Boynton Locke, Jr.
Boynton Locke, Jr., Topo. Engr.

Robert R. Kim
Robert R. Kim, Photo. Aid

Approved and Forwarded:

Ross A. Gilmore
Ross A. Gilmore, Chief of Party

COMPILED REPORT

TOPOGRAPHIC MANUSCRIPT

SURVEY NO. T-8646

26. CONTROL

Horizontal control:

The "Compilation Report" for project CS-272-F stated that triangulation point UNDERWOOD CANNING FACTORY CHIMNEY, 1913, was not held in the multiplex model 44-C-1036-1037. A round chimney just east of the field inspector's picking could be held with five other triangulation points. It is believed that the chimney was misidentified at the time of the field inspection.

Substitute points for LIT, LOB, and NORM (U.S.E.) were not needed for control but were plotted by multiplex and the stations proper then plotted from azimuths and distances furnished by the field inspection party. Their plotted positions were checked against their coordinate positions (see paragraph 4 of Field Inspection Report) as a check against the compilation. They were found to be within the allowable limits of error. These points were later replotted from their coordinate positions and these final positions only left on the map.

Vertical control:

In model 44-C-1361-1362, vertical point JP-21 (elev. 195.8) would not hold with the elevation at the water surface. As the water surface could be consistently read to within ± 0.15 mm over the entire model, it was used as the index and JP-21 was discarded. Pass points and contours checked well in the overlap. This point discarded.

27. RADIAL PLOT

In the vicinity of Roque Island, including Mark Island, delineation has not yet been accomplished. Control could not be satisfactorily bridged with multiplex because of the extensive water area. A radial plot will be run using the reflight of high altitude photographs taken for the purpose. By the use of the additional secondary control thus established, the topography will be completed. An addendum to this report will be forwarded upon completion of the quadrangle.

See Addendum to Compilation Report

28. DETAILING

All topography, except shoreline, was delineated with the multiplex plotting instrument in accordance with instructions dated June 19, 1945 and May 9, 1946, and as amended by supplemental instructions issued by the Chief, Division of Photogrammetry. Roads have been reclassified according to instructions as amended 10/24/47.

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28. DETAILING (Continued)

On the west portion of the quadrangle, the topography is incomplete. The photography in this area was so poor that the compilation office was unable to satisfactorily complete the topography. The photographs involved are 44-C-1037 thru 1042. An attempt has been made, nevertheless, to draw the topography and part of it has been drawn in this area. The entire area will be completed and that portion shown verified from a reflight (48-C-43 thru 49). This work will be done at a later date after additional vertical control has been furnished by the Washington Office. This control will be bridged with the stereo-planigraph. See Addendum to Compilation Report.

See preceding paragraph 27 for remarks concerning the incomplete portion in the vicinity of Roque Island.

29. SUPPLEMENTAL DATA

None

30. MEAN HIGH-WATER LINE

The MHWL was transferred to the 1:8500 work sheets from the field inspection photographs holding shoreline points plotted with the multiplex.

31. LOW-WATER AND SHOAL LINES

Low-water and approximate low-water lines appear on the map manuscript as furnished on the field inspection photographs.

See Review Report.

32. DETAILS OFFSHORE FROM THE HIGH-WATER LINE

There are numerous rocks and ledges which the compilation office has been unable to accurately locate. Their approximate positions have been encircled with a black, dashed line and labeled RK or Le.

See Review Report

33. WHARVES AND SHORELINE STRUCTURES

Data shown is believed to be complete.

34. LANDMARKS AND AIDS TO NAVIGATION

There are five (5) non-floating aids to navigation which are also triangulation stations within the area of this quadrangle. These are reported on form 567 attached to this report. See paragraph 11 of the Field Inspection Report.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NOTICE TO MARINERS LANDMARKS FOR CHARTS

TO BE CHARTED

STRIKE OUT ONE

Machias, Maine

1946 19

I recommend that the following objects which have ~~been~~ been inspected from seaward to determine their value as landmarks, be charted on ~~the~~ the charts indicated.

The positions given have been checked after listing by *James H. Gilmore*

Ross A. Gilmore
Ross A. Gilmore

Chief of Party.

STATE Maine		POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED		
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE		LONGITUDE							DATUM	
			°	'	D. M. METERS								°
CUPOLA	(Δ Kelley School Cupola schoolhouse (Flagstaff, 1913))		44	31	1720.3	67	34	1067.3	NA 1927	Triang.	1913	304 1201	
CUPOLA	(Three Falls Life WASS I.C.G. cupola on C.G. Station (Saving Sta. Cupola, 1913))		44	34	380.0	67	35	855.4	NA 1927	"	1934	304 1201	
SPIRE	church (Δ Sawyers Cove Church Spire, 1913)		44	31	1780.4	67	35	1024.1	NA 1927	"	1913	304 1201	
SPIRE	church (Δ Union Church Spire, 1913)		44	31	1326.2	67	37	391.3	NA 1927	"	1913	304 1201	
SPIRE	church (Δ Beals North Church Spire, 1913)		44	31	270.6	67	36	1178.4	NA 1927	"	1913	304 1201	
SPIRE	church (Δ Beals South Church Spire, 1913)		44	30	1832.4	67	36	1094.7	NA 1927	"	1913	304 1201	
* STACK	canning factory (Δ Underwood Canning Factory chimney, 1913)		44	31	1223.2	67	36	1312.0	NA 1927	"	1913	304 1201	
	+ All 1913 positions converted from Old datum to N.A. 1927												
	* Note: "STACK" (Δ Underwood Canning Factory Chimney, 1913) is charted as "CHY" on present chart;												
	it is recommended that this name be changed since the stack is a more prominent feature than												
	the factory.												

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating* aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

35. HYDROGRAPHIC CONTROL

All photo-hydro points shown on the map manuscript are believed to be within 0.5 mm of correct geographic position. Those whose positions could not be accurately determined were rejected. The word "Rejected" has been lettered in yellow-ink on the field photographs adjacent to the station number.

37. RECOVERABLE TOPOGRAPHIC STATIONS:

The following photo topo stations were rejected as they could not be located within the specified limits of error:

See Review Report.

WALT, 1946 (No. 46143)
SHINGLED BARN, N. GABLE, 1946 (No. 46155)
CHIC, 1946 (No. 46202)
LIBB, 1946, (No. 46203)
POND, 1946 (No. 46207)
LATE, 1946 (No. 46221)

The following photo-topo stations have not been plotted as they are within the area not yet compiled:

See Addendum to the Compilation Report.

S.E. GABLE, 1946 (No. 45301)
RED BUILDING, EAST GABLE, 1946 (No. 4664)
PARK, 1946 (No. 4675)
LARGEST BARN, LARGEST CUPOLA, 1946 (No. 4680)
GULL, 1946 (No. 46218)
LITT, 1946 (No. 46219)
WIER, 1946 (No. 46220)
LIVE, 1946 (No. 46222)

38. GEOGRAPHIC NAMES * Approved list filed in Geographic Names Section

The geographic names have been taken as reported by Harold A. Duffy.

39. JUNCTIONS

Junctions have been made as follows:

To the north with T-8642
To the south with T-8650

Junctions will be made later with T-8799 to the east and T-8645 to the west after the map has been completed.

All junctions were checked during Review.

40. BOUNDARIES

See Review Report.

Boundaries have been shown of Roque Bluffs, Jonesboro, Jonesport and Beals. See special report on Boundaries for project CS-272-F by Harold A. Duffy. Filed in Div. of Photogrammetry, General Files

41. MILITARY GRID

The military grid, as specified in the project instructions has not yet been furnished. Not necessary on this project.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

Except for a few discrepancies noted on the overlay, this map manuscript is in good agreement with the Columbia Falls, Maine, 15 minute quadrangle of the U. S. Geological Survey (scale 1:62,500). It was noticed, nevertheless, that there are extensive swamp areas shown on the U.S.G.S. quadrangle which we do not believe to be in existence.

See Review Report

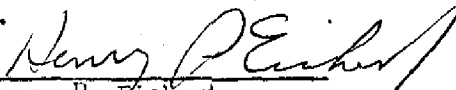
45. COMPARISON WITH NAUTICAL CHARTS


As there are no large discrepancies between this map manuscript and U. S. Coast and Geodetic Survey Chart No. 304, dated December 1943 (4th edition) it is considered that they compare favorably.

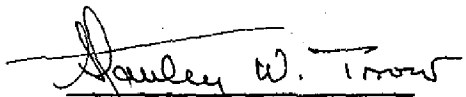
See Review Report

~~Upon completion of the field edit and hydrographic surveys, this compilation should supersede all previously charted information.~~


Respectfully submitted
11 August 1948


Henry P. Eichert
Descriptive Report and Review


Bernice Wilson
Engineering Aid (Cartog)
Compilation


Stanley W. Trow, Supervisor

Approved and forwarded
August 1948


Thos. B. Reed
Officer in Charge
Baltimore Photogrammetric Office

Compilation
ADDENDUM TO ~~DESCRIPTIVE~~ REPORT

SURVEY T-8646

PROJECT CS-272-F

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 reflown 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
- " SPRUWE, 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.

Reflight photographs 48-C-36 to 48-C-49 were used in the stereo-planigraph at the Washington Office to contour a flight on the eastern edge of T-8641 and T-8645, also the western edge of T-8642 and T-8646.

The location of existing vertical control was such that it was necessary to bridge control into several models. Thus the stereo-planigraph was used rather than the multiplex.

All stereoplanigraph contours have been edited in the compilation office. ~~Shapes have been changed considerably to make the contours conform to the shape of the terrain.~~ The stereoplanigraph contours showed drains that could not be seen with a prism stereoscope and ratio prints. These have been deleted and a general smooth given these contours.

Three landmarks have been added to the map from data furnished by the field edit party. These are STACK (Jonesport Packing Co.), and two tanks (Underwood Canning Factory). Forms 524 are submitted herewith together with Form 567 Landmarks for Charts. In addition, the eight (8) photo-topo stations mentioned in item 37 have been established.

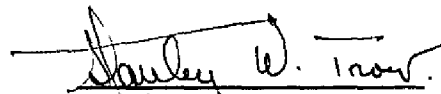
Details in the vicinity of Roque Island and Mark Island and the west portion of the quadrangle have now been completed. Descriptions of additional photo-hydro points established have been appended to the original listing.

Respectfully submitted
16 May 1949.

Approved and forwarded
16 May 1949.



Thos. B. Reed
Officer in Charge
Baltimore Photogrammetric Office


S.W. Trow
Cartographer

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLUENT/FLUENT/ADYS OR LANDMARKS FOR CHARTS

TO BE CHARTED

STRIKE OUT ONE

I recommend that the following objects which have ~~(been inspected from seaward to determine their value as landmarks be~~
~~charted on (the chart)~~ the charts indicated.

The positions given have been checked after listing by

Riley J. Sipe

Chief of Party.

[illegible]

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR CYANIDE MARKS FOR CHARTS

~~TO BE DELETED~~

STRIKE OUT ONE

Machias, Maine 1946 19

I recommend that the following objects which have ~~(been inspected from seaward to determine their value as landmarks be~~
~~inspected from seaward to determine their value as landmarks be~~
 charted on ~~(added to)~~ the charts indicated.

The positions given have been checked after listing by

Ross A. Gilmore

Chief of Party.

STATE		MAINE		POSITION					METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
CHARTING NAME	Light List Name	Description	Name	Signal Name	LATITUDE		LONGITUDE								DATUM
					° ' "	D. M. METERS	° ' "	D. P. METERS							
		Light List Name	Emms Rock Beacon, 1913)		44 31	1356.6	67 33	1304.2	NA 1927	Triang.	1913			304 1201	
			(Channel Rock Beacon Channel Rock Beacon(near Jonesport, 1913)		44 30	161.1	67 33	1150.3	"	"	"			304 1201	
			(Gilchrist Rock Gilchrist Rock Beacon(Beacon, 1913)		44 31	1637.2	67 32	1158.4	"	"	"			304 1201	
			Moose Rock Beacon(Moose Rock Tripod, 1913)		44 31	428.1	67 32	533.1	"	"	"			304 1201	
			Snows Rock Beacon(Snows Rock Beacon, 1913)		44 31	1171.1	67 34	539.2	"	"	"			304 1201	
		Note: The positions listed above were determined by 4th order triangulation to verify their present location and all beacons were found to agree closely with the 1913 triangulation positions.													

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COAST OF MAINE

PROJECT CS-272-F

JONESPORT QUADRANGLES

SURVEY NO. T-8646

DESCRIPTIONS OF PHOTO-HYDRO STATIONS TO BE USED AS HYDROGRAPHIC
SIGNAL SITES

Edited by: Bernice Wilson
Bernice Wilson
Engineering Aid (Cartog)

No.	Description	Photo. No.	Height above MHW
4235	Lone 18' spruce at edge of grass line, 8 m. W. of MHW and 8 m. W. of green ledge.	1000	28
4601	SW corner of small cribbing pier	1036	2'
4603	SW corner of building on wharf by bridge	1036	4' ✓
4604	SW corner of pier, about 30 ft. S. of red building.	1036	4'
4605	S gable of small red building at end of pier.	1036	28' ✓
4606	SW corner of Texaco mail port dock	1036	7'
4607	E gable of 1½ story house, most southerly house on point	1036	35' ✓
4608	Most southerly corner of most southerly wharf in Cross Cove.	1036	4'
4609	SW corner of pier at lobster pound	1036	5'
4610	S gable of fish house	1036	20' ✓
4611	SE corner of small pier	1036	2'
4612	E gable of building on piling	1036	30' ✓
4614	Most easterly corner of pier Field edit reports ruined.	1025	5'
4615	Most southerly corner of pier	1025	3'
4616	Most southerly corner of pier	1025	5
4617	Most southerly pine on point, 16 m NW of MHW and 7 m E of MHW.	1025	18'
4619	SW corner of pier in ruin	1025	2'
4620	Most easterly point of sand depression north of MHW, approx. 35 m. NE of fish shack. Marked by a 3' stake and cairn.	1025	5'
4621	Center of top of small fishing shack, about 30 m. N of MHW, 75 m E. of drain.	1025	30' ✓
4622	20' evergreen at fence corner at the foot of rocky slope, approx. 30 m NW of MHW.	1025	45' ✓
4623	20' evergreen, 7 m. W. of MHW.	1025	37' ✓
4624	E gable of small galvanized building on shore	1025	20' ✓

No.	Description	Photo. No.	Height above MHW
4625	Leaning 25' evergreen on 15' bluff, 5 m from MHW.	1025	20'
4626	E gable of small red building, 20 meters N of MHW. Most easterly.	1025	27' ✓
4627	7' evergreen, most northerly. Marked by cairn.	1025	16'
4628	Most southerly tip of 3' brace triangle, 22 m W of MHW.	1025	8'
4629	15' evergreen, 15 m E of pond outlet, 4 m N of MHW.	1025	22'
4633	35' evergreen at foot of slope, 25 m W of MHW.	1024	45'
4634	30' evergreen, most northerly, 7 m back from MHW.	1024	40'
4635	25' evergreen at edge of bank at N end of row of evergreens, 8 m from MHW.	1024	35'
4636	40' evergreen, 6 m from MHW at base of sandy slope.	1024	45'
4641	Double, 30' evergreen	1023	45'
4643	35' evergreen at foot of slope, and edge of shore- line.	1023	45'
4644	35' evergreen at edge of grass line, most northerly at edge of rocks.	1022	45'
4646	12' evergreen, 12 m from MHW, 4 m from ledge; most easterly.	1022	25'
4648	Lone 30' evergreen, 50 m from MHW.	1022	60'
4649	Southern clump of 6' bushes on point at intersec- tion of storm highwater line.	1022	8'
4652	Lone, 20' pine, about 40 m from MHW.	1021	30'
4654	20' pine, 10 m from MHW.	1021	30'
4697	NW corner of pier with building on end. Texaco gas pump on pier.	1036	3' ✓
4698	NE corner of long pier	1036	2'
4699	Extreme N gable of W wing of 1½ story yellow house on point, S of pines.	1036	42'

No.	Description	Photo. No.	Height above MHW
46100	NW corner of pier with Texaco gas pump on end. Tar- paper building on pier.	1036	2'
46101	NW corner of pier.	1036	1'
46102	15' pine, only pine on island.	1036	18'
46103	15' evergreen	1036	17'
46104	20' evergreen on MHW, on top of 3' bank.	1036	23'
46106	NE corner of small cribbing pier in ruins.	1036	1'
46108	NE corner of pier	1036	2'
46110	Largest granite boulder in vicinity	1036	3'
46111	15' evergreen, 6 m N of MHW. Largest of small group of pines.	1036	20'
46112	20' pine, most northerly.	1036	22'
46113	S. gable of small $1\frac{1}{2}$ story house, 7 m N of MHW. Nearest house to beach.	1036	25' ✓
46114	N gable of $1\frac{1}{2}$ story house.	1036	38' ✓
46115	Lone 15' evergreen, 6 m W of MHW.	1036	21'
46117	NE gable of small dilapidated shack 25 m NW of bridge, NE of road, on rock ledge.	1036	15' ✓
46118	NW gable of white house with two chimneys, 30 m from MHW.	1036	30' ✓
46137	18' pine, 7 m W of MHW, only pine on south side of point.	1021	23'
46140	Lone 18' pine, on side of slope, 7 m W of MHW.	1000	23'
46142	Extreme north corner of pier.	1000	1'
46144	Bushy 15' pine, about 15 m from MHW, most south- easterly on point.	999	19'
46145	W gable of green cottage on a 20' hill.	1020	45' ✓
46149	18' pine, 5 m N of MHW, only pine on point, behind 2 white birches.	1020	21'

No.	Description	Photo. No.	Height above MHW
46150	Red boulder, 6 m off shore.	1020	1'
46151	30' pine, on hill, tallest in vicinity, 100 m W of MHW.	1020	43'
46152	Lone 27' pine, 7 m N of MHW	1021	33'
46154	Most northerly birch on point, 6 m S of MHW.	1021	12'
46160	Center of clump of short evergreens on point.	1035	15'
46161	15' evergreen, tallest of only two in vicinity, 25 m S of road, 2 m E of MHW.	1035	16'
46162	18' evergreen at edge of grassy slope and rock ledge in clearing, 2 m N of MHW.	1035	20'
46163	Center of low house with green pyramidal roof about 75 m E of MHW	1035	40' ✓
46164	S gable of 1½ story house, most westerly house on point.	1035	23' ✓
46165	NW corner of pier, most westerly pier.	1026	2'
46166	N gable of white house, 7 m S of MHW. Most northerly house.	1026	23' ✓
46167	Center of gray rock ledge, only rock in vicinity, 200 m N of MHW. <i>that bare of MHW</i>	1026	4'
46168	15' evergreen, most easterly, 3 m from MHW	1026	17'
46169	18' evergreen, 10 m S of large group of pines.	1026	18'
46170	Stubby 10' pine at edge of grass, only pine on point.	1026	12'
46171	E gable of house, most westerly.	1026	22' ✓
46178	Large 30' evergreen in center of clearing, 7 m from MHW. Two trees.	1362	31'
46180	20' bushy-top pine at edge of grass line and ledge.	994	23'
46182	18' pine, largest in vicinity at edge of grass line and granite ledge.	994	20'
46183	15' evergreen at foot of slope, only tree in vicinity standing from woodland.	994	19'

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No.	Description	Photo. No.	Height above MHW
46184	15' evergreen, most easterly	993	18'
46187	SE corner of red granite wharf.	993	2'
46189	Most westerly scrub evergreen on island. Two in group.	993	16'
46190	20' spruce on S side of point at intersection of old trail and grass line.	1027	
46193	Lone 30' pine at edge of grass and ledge overhanging water.	1361	35'
46198	Largest boulder on shore, 5 m E of brace line. Gray colored.	1027	4'
46199	Highest point of large boulder, 25 m NE of trees. Boulder is flat on one side.	1027	6'
46201	Lone 15' pine.	1027	16'
46205	20' pine at edge of grass line and ledge	999	24'
46206	Top of most easterly point of red ledge, 40 ft. from most easterly point of trees.	999	1'
46208	20' spruce at sharp point of treeline.	753	23'

No.	Description	Photo. No.	Height above MHW
4659	35' evergreen, 5 m. S of gravel beach. Most westerly.	995	45'
4660	35' pine, most southeasterly	995	65'
4661	40' pine, about 4 m from MHW; tallest of two	995	50'
4662	Stub 15' evergreen	995	20'
4663	Tallest of group of evergreens, 2 m from MHW	996	25'
4665	15' evergreen, on MHW, overhanging water.	997	15'
4666	Center of rock pile, 4 m from MHW on small slope, at edge of small pines.	997	6'
4667	Intersection of pier in ruin with MHW line.	997	0'
X 4668	20' evergreen on beach at edge of brush	996	20'
X 4669	Taller of two evergreens at edge of grass and ledge, 3 m from MHW.	996	28'
4670	15 evergreen, most southerly, 8 m S of other trees, at edge of grass.	996	17'
4671	10' evergreen at edge of woods, most southerly, 8 m SE of gravel beach. White sign on tree.	996	20'
4673	Double 20' evergreen, center of gravel slope, 4 m N of MHW.	996	25'
4674	35' evergreen at base of grassy slope & edge of ledge, 5 m from MHW.	997	45'
4675	15' pine at base of gravel slope ledge, 10 m from MHW. (Sub. Pt. for T.S. "Park, 1946).	997	25'
4676	Top of gully, at intersection of tree line, 7 m E. of MHW. Small tree at intersection.	998	15'
X 4677	35' pine, larger of two, halfway down slope, 7 m from MHW.	998	45'
4678	30' pine at top of knoll, most southwesterly, on fence line.	998	45'
** 4681	NE corner of pier near landing stairs.	998	3'
4682	30' evergreen at edge of grass, 1 m from MHW.	998	32'
**4679	Bushy 35' pine, 12 m from MHW, tallest pine near rocky beach, behind birch trees.	998	40'

No.	Description	Photo. No.	Height above MHW
4683	25' evergreen at edge of grassy slope, at ledge 4 m from MHW, 5 m north of large birch.	998	32'
4684	High point of ledge, 5 m from MHW.	998	15'
4685	Intersection of ledge and sand beach at tree line.	998	1'
4688	Top of center of rock.	998	5'
4693	White granite boulder on MHW at end of sand beach and next to bluff. Most northerly.	997	0'
4694	Taller of two evergreens at edge of beach and grass line, 6 m from MHW.	997	18'
4695	30' evergreen, most easterly, 10 m from MHW, 30 m from wood line.	997	33'
4696	Intersection of field road and MHW.	997	2'
46120	Large white granite boulder in center of white beach, 7 m from woods line.	997	2'
46121	Larger of two small evergreens, 2 m east of small stream, 5 m N of MHWL.	997	18'
46122	Large white granite boulder on ledge, 100 m off- shore.	997	1'
46123	Most northerly of two poplar trees	749	16'
46124	Most northerly pine, 20 m S of MHW	749	23'
46125	20' evergreen, in center of beach, 6 m east of MHW.	749	24'
46126	18' evergreen, most northerly, 5m S of MHW	749	28'
46128	20' evergreen on MHW, has a bent trunk growing from slope.	749	20'
46130	Bushy, 15' pine, largest in cove, 5m N of MHW.	996	18'
46131	Largest and most southerly evergreen in group on rock.	996	15'
46132	High point of ledge, about 30 m from main MHW.	996	6'
46133	Most southwesterly evergreen, 5 m from MHW.	996	24'
46134	Most easterly 15' evergreen, 20 m W of MHW.	749	17'
46135	High point of ledge.	996	1'

HISTORY OF HYDROGRAPHIC INFORMATION

T-8646

Jonesport, Maine - Quadrangle

Hydrography was applied to the manuscript in accordance with Division of Photogrammetry requisition 11 July 1949, and general specifications 18 May 1949.

The soundings and depth curves are expressed in feet referred to mean low water; and originate with surveys made by this Bureau, supplemented by a survey made by the Corps of Engineers and chart correction letters:

H-1059	(1870-1902)	1:10,000
H-1060	(1870)	1:10,000
H-1574	(1883-84)	1:10,000
H-1684	(1885)	1:10,000
H-1685	(1885)	1:10,000

USE - BP 23521 (1929) 1:2,000

The depth curves are drawn at intervals of twenty feet in order to be in harmony with the other quadrangles of this project.

The hydrography was compiled by R. E. Elkins, and checked by G. F. Jordan



R. E. Elkins
Nautical Chart Branch
8/24/49

Depth curves are not shown on registered copies.

GEOGRAPHIC NAMES

T-8646

- .. Alley Bay- ✓
- .. Alley I. * ✓
- .. Atlantic Ocean ✓
- .. Ballast I. ✓
- .. Ballast I. Ledge ✓
- .. Bar I. ✓
- .. Barneys Little I. ✓
- .. Barney Pt. ✓
- .. Bay Ledges ✓
- .. Beals (2) ✓ (village = *)
- .. Beals Hbr. ✓
- .. Beals I. * ✓
- .. Big Breaking Ledge * ✓
- .. Black Ledges * - ✓
- .. Bobs Cove ✓
- .. Bonney Pt. - ✓
- .. Boundary Ledges * - ✓
- .. Bunker Cove - ✓
- .. Bunker Hole - ✓
- .. Chandler Bay * ✓
- .. Chandler River ✓
- .. Channel Rk. (2) ✓
- .. Cross Cove ✓
- .. Cummings Ledge ✓
- .. Dobbins I. ✓
- .. Donovan Cove * ✓
- .. Drisko Ledge (2) * ✓
- .. Dunn I. * ✓
- .. Eastern Bay ✓
- .. Eastern Ledges * - ✓
- .. Englishman Bay * - ✓
- .. Fellows I. * ✓
- .. Fifth Rk. * - ✓
- .. Flake Pt. Bar * ✓
- .. French House I. ✓
- .. Gangway ✓
- .. Gay Hill ✓
- .. Gilchrist Rk. ✓
- .. Great Bar ✓
- .. Great Cove * ✓
- .. Great Head - ✓
- .. Great Spruce I. - ✓
- .. Great Spruce Ledges - ✓
- .. Great Wass I. ✓
- .. Hannahs Cove ✓
- .. Head Hbr. Cr. ✓
- .. Head Hbr. I. ✓
- .. Henry Pt. ✓
- .. Horse Ledge ✓
- .. Ikes Hill ✓
- .. Indian Pt. ✓
- .. Inner Hardwood I. * ✓

Emms Rock Light

- .. Jonesboro (district) ✓
- .. Jonesport (2) ✓
- .. Kelley Pt. ✓
- .. Kelp Ledge ✓
- .. Lapstone Ledge ✓
- .. Leighton Ledges ✓
- .. ~~Loon Pt.~~ * ✓
- .. Libby Cr. ✓
- .. Little Breaking Ledge * ✓
- .. Little Ledge ✓
- .. Little Mark I. ✓
- .. Little Pond Beach ✓
- .. Little Ram I. ✓
- .. Little Sheep I. ✓
- .. Little Spruce I. - ✓
- .. Long Ledge (2) ✓
- .. Look Head * ✓
- .. ~~Lower Bay School~~
- .. Mansfield Cr. ✓
- .. Mark I. - ✓
- .. Mash I. ✓
- .. Mason Bay (2) ✓ (bay, us B&N)
- .. Middle Hardwood I. * ✓
- .. Mill Pond ✓
- .. Monsapac ✓
- .. Moosabec Reach * ✓
- .. Moose Ledge ✓
- .. Moose Rk. ✓
- .. Nats Rk. ✓
- .. Natt Pt. ✓
- .. Nepp Pt. ✓
- .. Nipple ✓
- .. Nova Rks. ✓
- .. Old House Pt. ✓
- .. Parker Head - ✓
- .. Patten Cove - ✓
- .. Perio Pt. ✓
- .. Pig I. ✓
- .. Pig I. Gut ✓
- .. Pond Cove I. ✓
- .. Popplestone Beach ✓
- .. Rhine Pt. ✓
- .. Roque Bluffs (district) ✓
- .. Roque I. * - ✓
- .. Roque I. Hbr. - ✓
- .. Roque I. Ledge - ✓
- .. Sand Ledge ✓
- .. Sandy R. ✓
- .. Sandy R. Beach ✓
- .. Sawyer Cove ✓
- .. Sawyer I. ✓
- .. Sawyer Rk. ✓

? (not previously listed)

- Seaduck Pt. ✓
- Sealand ✓
- Seal Ledge — • ✓
- Seal Rk. ✓
- Seguin I. ✓ • Seguin Passage ✓
- Seguin Ledge ✓
- Sheep I. ✓
- Shorey Cove * — • ✓
- Smith Pt. ✓
- Snows Rk. ✓ SNARE CREEK • ✓
- Southwest Cr. ✓
- Spar I. ✓
- Spectacle Islands ✓
- Squire Pt. * — • ✓
- Squire Pt. Ledge * — • ✓
- The Flying Place ✓
- Thorofare — • ✓ • Upper Bay School ✓
- Virgin I. ✓
- Virgins Breasts ✓
- Wallace Ledge * — • ✓
- West Jonesport ✓
- White Cr. ✓

- Maine No. 127
- Sea Coast Library

Lower Mount
Kelley School
Upper Bay School
Emms Rock

* following name signifies
decision by U.S.B.G.N.

— following name means it
is not shown on manuscript
checked this date.

Names preceded by • are
approved. 8/26/48. L. Heck

• signifies: added 5/10/49
B. Wilson

✓ Names checked and approved; 11/29/49,
a.d.w.

• Twombly (USGS)

FIELD EDIT REPORT

PROJECT GS 272 F

QUADRANGLE T8646

Riley J. Sipe, Chief of Party

Field edit of T-8646 was accomplished in accordance with Field Edit Instructions, dated 24 August 1945, and Supplement I, dated 4 February 1946. Actual field work was completed during the period 7 September 1948 to 30 September 1948 by George E. Varnadoe, Topographic Engineer, Stanley J. Hathorn, Photogrammetrist, and Frank M. Wisiecki, Engineering Aide. (See field edit sheet for breakdown of work by individuals.)

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. A launch and skiff was used to reach the islands; and a rented truck was used after reaching Beals and Great Wass Islands. Plane table and tape methods were used to locate corrections and additions not shown on the photographs. Red ink was used to show corrections, and additions; violet ink for contours and vertical accuracy tests. (Exception - Field edit of Roque Island was on the field inspection photographs and corrections were in violet ink.)

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

47. Adequacy of Compilation: The map compilation is believed to be adequate with the exception of the delineation of woodland cover (See par. 28 of Compilation Report for this quadrangle and par. 47(1) of Field Edit Report for T-8641); and for certain minor items corrected by the field editors. The woodland cover reclassified by the field editors was in accordance with Photogrammetry Instructions No. 15, dated 16 July 1947. See Review Report # 28

48. Accuracy Tests: The accuracy test on Roque Island was on photo 48C7 (office ratio print). Two vertical ties (one to MSL and one to a trig level elev) and eight positive horizontal ties were made along the traverse, and there was no appreciable horizontal or vertical error of closure. The traverse was started on a sharp topographic feature and tied in to a photo-hydro-station horizontally.

The other vertical accuracy check was run on photo 1038 (1:10,000), and contours were sketched along the traverse. Numerous horizontal ties were made along the traverse and there was no appreciable horizontal error of closure. The traverse was started and closed vertically on BM 11. The vertical closure was 0.98 ft. high and no adjustment was made.

49. Contours: Mark Island was contoured by plane table on photo 994(1:10,000). The traverse was controlled vertically by the MHWL - elev 5.75 ft.

The general contour expression for the sheet is believed to be adequate.

50. Road Classification: Roads were reclassified in accordance with Photogrammetry Instructions No. 10, dated 14 April 1947, and Admendment, dated 24 ~~November~~ ^{October} 1947.

51. Peat Bogs: See Field Edit Report for T-8647, par. 52.

52. Landmarks: Two newly constructed landmarks to be charted at Jonesport were located by the photogrammetric station method. A stack worthy of charting in the same vicinity, which was overlooked by the field inspection party, was pricked on photo 1036(1). Proper forms are submitted with the field edit data for the three landmarks.

53. Examination of Proof Copy: It is believed that no resident is intimately enough acquainted with the area covered by the sheet to enhance the value of the sheet by a further examination. However, Mr. Oscar Kelley, Postmaster of West Jonesport, is probably the best qualified resident of the area for such examination.

Submitted:
1 Oct. 1948

Stanley J. Hathorn
Stanley J. Hathorn
Photogrammetrist

Approved:
1 October 1948

George E. Varnadoe
George E. Varnadoe
Topographic Engineer

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cc: Comdr. Sipe

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Topographic Map
Sept. 8, 1949

26. Control:-Triangulation station, "Beals, School Cupola, 1913," was reported destroyed by the Field Editor and was removed from the map manuscript.

Triangulation station "Moose-a-bec Reach Light, 1913," was replaced by a buoy and is not shown on the map manuscript. See Lighthouse, Notices to Mariners 1915.

Six USGS bench marks, one USE bench mark, and two USC&GS tidal bench marks were recovered in the area covered by this quadrangle and have been shown on the map manuscript. Recovery cards are filed in the Division of Geodesy.

28. Detailing:-Extensive changes in woodland classification were made during Review. Areas covered with deciduous trees were mistaken for cleared areas by the compiler. See Field Edit Report for T-8641, paragraph 47.

The information concerning the positions of town boundaries through water areas is incomplete. The lines were moved during Review to run halfway between the land areas that they divide. The Roque Bluffs-Jonesport boundary was taken from "Sea and Shore Fisheries Laws" as recommended by the Field Inspector.

The shore ends of the cable crossing at Jonesport were not identified in the field. The approximate limits of the cable area are shown on the map manuscript.

31. Low water and Shallow Lines:-See Review Report for T-8647.

32. Details Offshore from the MHWL:-Rocks and reefs that do not appear on the photographs were added to the map manuscript from the old Hydrographic Surveys with a note to the Hydrographer to investigate their position and height. See attached letter "History of Hydrographic Information" for sources.

Rocks added from Hydrographic Surveys are not shown on registered copies.

34. Landmarks and Aids to Navigation:-Forms 567 were submitted for all previously charted Aids to Navigation and Landmarks on this Quadrangle except Beals School Cupola, charted as "Schoolhouse." It was not recommended that this landmark be deleted; however, the cupola has been destroyed and the school is probably no longer of landmark value.

37. Recoverable Topographic Stations:-Two of the topographic stations rejected by the Compiler, see Compilation Report, paragraph 37, fall in the Chandler River and Great Cove areas. This area does not meet the project requirements for the establishment of horizontal control. See Review Report for T-8642, paragraph 37. Detail in this area was checked by a

radial plot using 1948 photographs. See Addendum to Compilation Report for results of this test. Rejected topographic stations in Great Cove area could not be identified on the recent photographs.

The four remaining rejected stations fall in areas in which sufficient horizontal control has been established.

40. Depth Curves and Soundings:-See attached letter "History of Hydrographic Information."

44. Comparison with Existing Surveys:-

a) USGS Columbia Falls Quadrangle 1:62500 1921 Repr. 1944
Many small islands in Eastern Bay are not shown on the USGS Quadrangle.

b) T-1171	1:10,000	1870
T-1172	1:10,000	1870
T-1536	1:10,000	1883-84
T-1666	1:10,000	1885

This map supersedes these surveys for nautical charting purposes.

45. Comparison with Nautical Charts:-

Chart No. 304 1:40,000 1943 Corr. 1948

Three additional landmarks recommended by the Field Editor should be added to the chart.

Many piers and wharfs at Jonesport and Beals are not shown on the chart.

See paragraph 34 of this Report relative to charted landmark "Schoolhouse."

Several small islands in Eastern Bay are shown as rocks awash on the chart.

Extensive ledge areas in Eastern Bay are not delineated as such on the chart.

The dam shown on the chart across the bay in Southwestern Shorey Cove is no longer in existence.

47. Adequacy of the Compilation:-This map, T-8646, 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 Tests:-The two vertical accuracy tests run on this quadrangle meet the specifications for the project. This map complies with the National Standards of Map Accuracy Requirements.

49. Overlays:-An overlay was prepared showing the border information, road classification and route numbers, triangulation stations, bench marks, topographic stations, landmarks and aids to navigation and spot elevations that are to be shown by the smooth draftsman.

Reviewed by:

Charles Theurer
C. Theurer

Approved by:

J. V. Griffith
Chief, Review Section R.H.M.
Div. of Photogrammetry

H. B. Johnston
Chief, Nautical Chart Branch
Division of Charts

D. S. Reading
Chief, Div. of Photogrammetry

W. M. Scaife
Chief, Div. of Coastal Surveys
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NAUTICAL CHARTS BRANCH

SURVEY NO. 7-8646 1944-48

Record of Application to Charts

[illegible]

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

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