

8793 N15

W. Lubec

Diag. Cht. No. 1201 & 801

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. _____ Office No. T-8793

LOCALITY

State Maine

General locality Washington County

Locality West Lubec

194 6-'49

CHIEF OF PARTY

R.A.Gilmore, Chief of Field Party

T.B.Reed, Baltimore Photo. Office

LIBRARY & ARCHIVES

DATE April 21, 1950

B-1870-1 (11)

8793

DATA RECORD

T - 8793

Project No. (II): PH-11(46) Quadrangle Name (IV): West Lubec

Field Office (II): Machias, Me. Chief of Party: Ross A. Gilmore

Photogrammetric Office (III): Baltimore, Maryland. Officer-in-Charge: Thos. B. Reed

Instructions dated (II) (III): 9 May, 18 Sept. 1946. Copy filed in Division of Photogrammetry (IV)
Office Files

Method of Compilation (III): Air photographic (multiplex)

Manuscript Scale (III): 1:8,500 Stereoscopic Plotting Instrument Scale (III): 1:8,500

Scale Factor (III): 1.000

Date received in Washington Office (IV): 7-1-49 Date reported to Nautical Chart Branch (IV): 7-8-49

Applied to Chart No. Date: Date registered (IV): 4-5-50

Publication Scale (IV): 1:24,000

Publication date (IV):

Geographic Datum (III): N.A. 1927

Vertical Datum (III):

Mean sea level except as follows:
Elevations shown as (25) refer to mean high water
Elevations shown as (5) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): DYER, 1886

Lat.: 44° 48' 44.123"

Long.: 67° 05' 15.933"

Adjusted
~~Unadjusted~~

Plane Coordinates (IV):

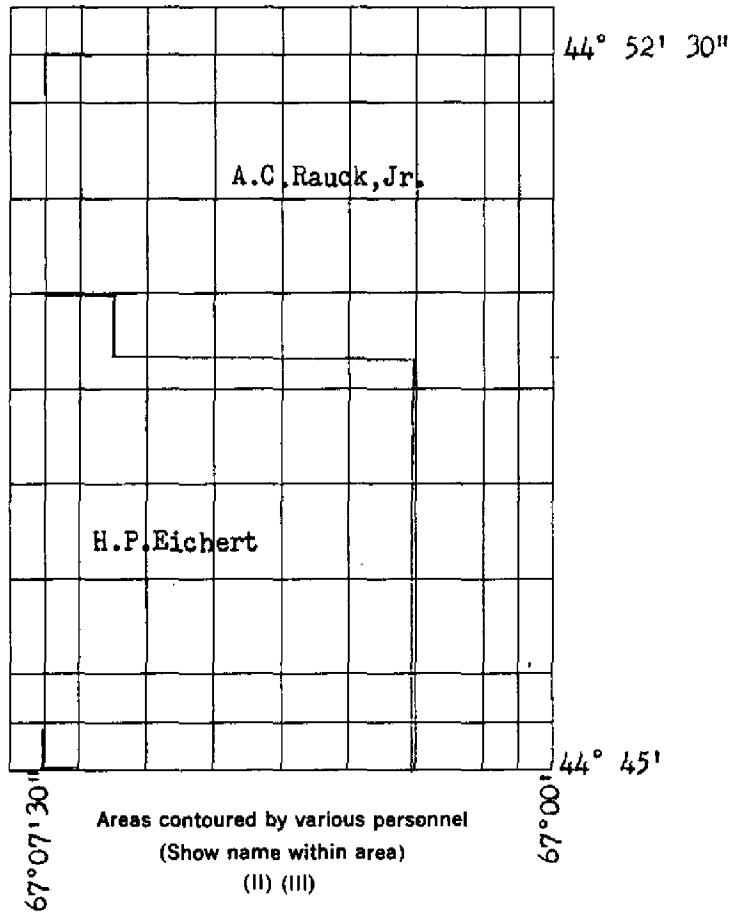
State: Maine Zone: East

Y=

X=

Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office, or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only.



DATA RECORD

Field Inspection by (II): Lewis V. Evans, III
John R. Smith
Edward H. Taylor

Date: August 1946

Planetable contouring by (II): None

Date:

Completion Surveys by (II): George E. Varnadoe
William H. Shearouse

Date: August 1949

Mean High Water Location (III) (State date and method of location):
August 1946

Projection and Grids ruled by (IV): H.R.

Date: 12-16-47

Projection and Grids checked by (IV): H.R.

Date: 12-16-47

Control plotted by (III): Donald M. Brant

Date: Jan. 1948

Control checked by (III): Albert C. Rauck, Jr.

Date: Jan. 1948

~~XXXXXXXX~~
Reduction of Stereoscopic

Control extension by (III): Albert C. Rauck, Jr.

Date: Nov. 1948

| | | | |
|--|------------|--------------------|------------------------|
| Stereoscopic Instrument compilation (III): | Planimetry | } Henry P. Eichert | Date: 1949 |
| | Contours | | } Albert C. Rauck, Jr. |

Manuscript delineated by (III): Bernadette A. Dew N/2
Bernice Wilson S/2

Date: 1949

Photogrammetric Office Review by (III): Henry P. Eichert

Date: June 1949

Elevations on Manuscript Henry P. Eichert
checked by (II) (III):

Date: June 1949

Camera (kind or source) (III):

| Number | Date | Time (EST) | Scale | Stage of Tide |
|--------------|---------|------------|----------|----------------|
| 46-C-181-4 | 5/23/46 | 1315-20 | 1:20,000 | 9' above MLW |
| 46-C-596-600 | 5/30/46 | 0925 | " | No tidal water |
| 46-C-601-03 | " | 0930 | " | At MHW |
| 46-C-657-8 | " | 1035 | " | At MHW |
| 46-C-659-60 | " | 1035-40 | " | No tidal water |
| 46-C-661-4 | " | 1040 | " | 2' above MHW |
| 46-C-693-6 | " | 1130 | " | At MHW |
| 46-C-697-8 | " | 1130 | " | No tidal water |
| 46-C-699-700 | " | 1130 | " | 13' above MLW |
| 46-C-702-4 | " | 1145 | " | 14' above MLW |
| 46-C-705-6 | " | 1145 | " | No tidal water |
| 46-C-707-9 | " | 1145 | " | At MHW |
| 46-C-540-53 | 5/29/46 | 1525-30 | 1:6000 | 1.8' below MLW |

Tide (III)

Reference Station: Eastport, Maine
Subordinate Station: West Quoddy Head
Subordinate Station: Coffin Pt. Cobscook Bay
Subordinate Station: Horan Head, South Bay
Lubec

Washington Office Review by (IV): C. Theurer

| Ratio of Ranges | Mean Range | Spring Range |
|--------------------|---------------|-----------------|
| 1.0 | 18.2 | 20.7 |
| 0.9 | 15.7 | 17.9 |
| 1.0 | 18.3 | 20.8 |

1.1 19.2 21.9
1.0 Date: 17.5 20.0
3-6-50

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 40

Shoreline (More than 200 meters to opposite shore) (III): 72 miles

Shoreline (Less than 200 meters to opposite shore) (III): 7 miles

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II):

Recovered:

Identified:

Number of BMs searched for (II): 18

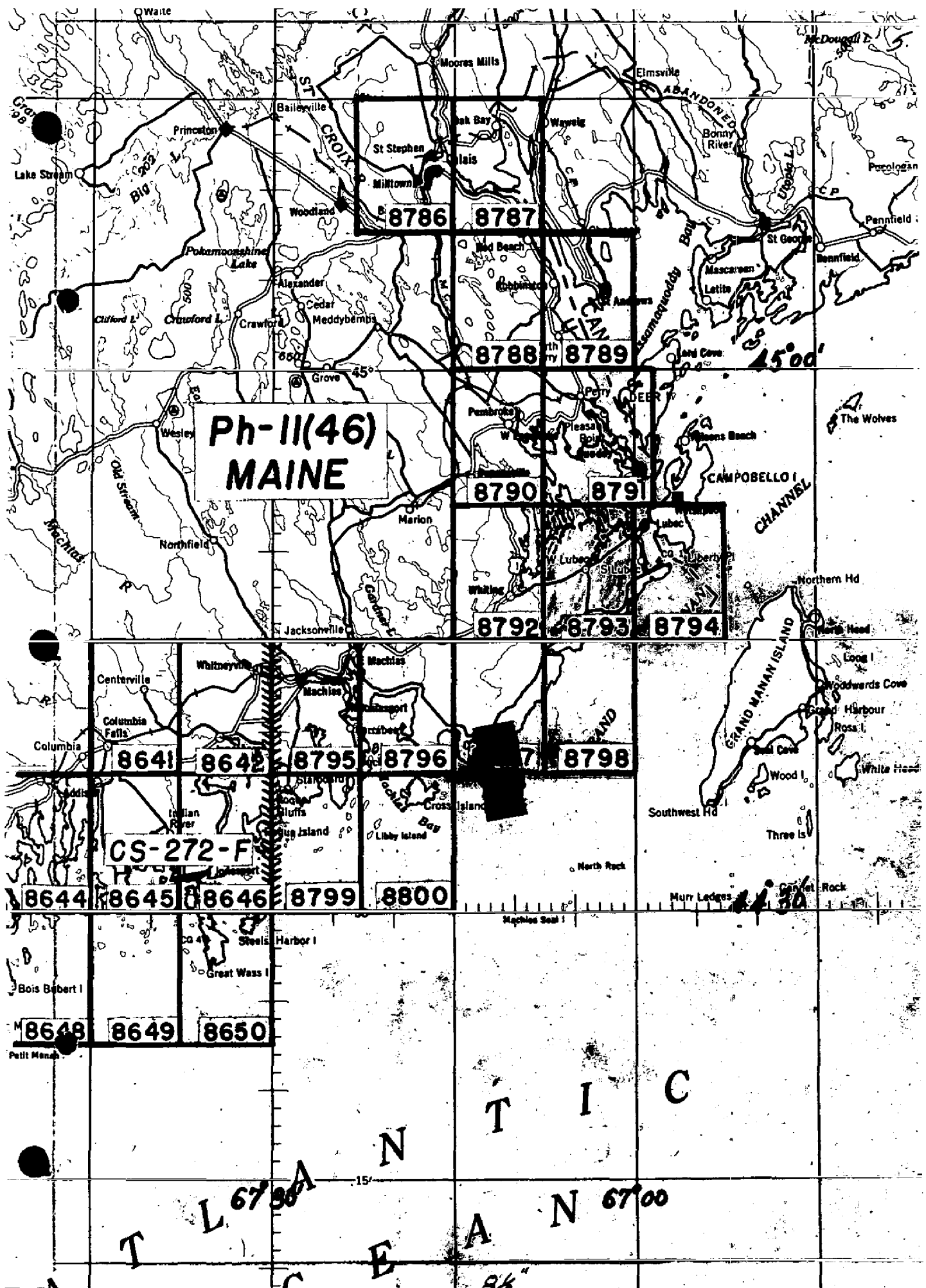
Recovered: 15

Identified: 15

Number of Recoverable Photo Stations established (III): 37 35 2 1

Number of Temporary Photo Hydro Stations established (III): 245

Remarks:



FIELD INSPECTION REPORT

TO ACCOMPANY

QUADRANGLE 8793

PROJECT - Ph-11(46)

AUGUST 1946

1 - DESCRIPTION OF AREA:

This 7½ minute quadrangle lies in Washington County, Maine. It is bounded on the north by N. Lat. 44°-52'-30" on the south by N. Lat. 44°-45'-00" and on the east and west by W. Long. 67°-00'-00" and W. Long. 67°-07'-30" respectively.

The land area covered is approximately 40 square statute miles. The principal cultural features are, Maine State Hwy. No. 189, which enters the western edge of the quadrangle at about its center and runs in a general northeasterly direction to the eastern limits; Maine State Hwy. No. 191 which enters the southwestern corner of the quadrangle and runs northeast and north to a junction with Maine State Hwy. No. 189 at about the center of the quadrangle; the town of West Lubec, which is located at the junction of the two highways; North Lubec in the northeastern corner; and South Trescott in the southern part.

The vegetation consists of spruce, fir, pine, hackmatack, birch and alder. In the central part of the quadrangle there is a considerable amount of farm land which consists mostly of hay fields and blueberry barrens.

The shoreline on the coast is rocky with ledges extending into the water on bluffs rising to 30 feet or more. The shoreline in the northern part of the area is rugged and rocky and is broken by numerous inlets and coves. South Bay and Straight Bay are practically bare at low water with extensive mud flats exposed.

2 - COMPLETENESS OF FIELD INSPECTION:

Field inspection of the area is complete.

All important buildings, roads, bridges and vegetation were classified in accordance with instructions for project.

Field Inspection was done on the following 1:20,000 single lens contact prints: 46 C 600, 602, 658, 660, 662, 694, 696, 698, 700, 704, 706, and 708.

8.

2.

3 - INTERPRETATION OF PHOTOGRAPHS:

No difficulties were experienced in interpreting the photographs. They are clear enough for accurate identification of required control points, buildings, etc. Photographic tones and densities have been adequately discussed in the report for quadrangle 8795 and reference is hereby made to it.

4 - HORIZONTAL CONTROL:

A search was made for each of the known horizontal control stations within this quadrangle, all of which stations are previously established C.&G.S. triangulation stations.

Five (5) C.&G.S. stations were recovered but were not identified on the photographs, in each instance because positive identification would have required an excess amount of time. The horizontal control requirements, Par. 8 of the Instructions, were adequately met without these stations. The following are the stations recovered but not identified:

- | | |
|------------------------|--------------------|
| 1. Trescott Rock, 1861 | 3. Squaw Cap, 1883 |
| 2. Boot Head, 1883 | 4. Godfrey, 1883 |
| 5. Baptist, 1886 | |

The following photographs were used for all horizontal control identification in this quadrangle:

- | | |
|--|---------------------|
| 1:20,000 scale contact prints Nos. 46 C 660, 662, 695, | |
| 705, 706. | |
| 1:8,500 " ratio " " | 46 C 184, 545, 656, |
| | 700. |

5 - VERTICAL CONTROL:

All known vertical control stations were searched for and stations recovered were identified on the photographs. Additional temporary vertical control was established by trigonometric methods carrying elevations to the nearest tenth of a foot. No closures exceed the maximum allowable. Level lines with a closure exceeding one foot were adjusted. Level points were identified, pricked and circled on the front of the photographs. The points were then numbered and elevations noted on back of photographs with the exception of tide water closures. These were circled and numbered on photographs but no elevation inked. The code letters WL prefix all spot elevations.

All level loops were closed on a previously determined elevation on a standard bench mark except a few tide water closures. About 37 linear miles of 4th order levels were run. 46 temporary elevations were established. The following 1:20,000 single lens photographs were used - 46 C 597, 601, 657, 659, 661, 663, 697, 695, 707, 721, 723.

3.

6 - CONTOURS AND DRAINAGE:

Inapplicable.

7 - MEAN HIGH-WATER LINE:

The inspection of shoreline was accomplished by traversing the shore on foot and from a small boat running slowly and as close to shore as possible. The mean high water line was identified on the 1:8,500 scale ratio photographs within 0.5mm of true position. This was done by indicating its location with short, red dashes. Photographs 46 C 181, 602, 657, 663, 664, 693, 694, 695, 696, 699, 703, 704, 708, 709, were used in shoreline inspection. All are 1:8,500 scale ratio prints.

8 - LOW-WATER LINE:

These pictures were taken at well above the low water line, so no attempt was made to obtain low water. In all instances, low water was dotted in when the party was in the area at low tide.

9 - WHARVES AND SHORELINE STRUCTURES:

All wharves and shoreline structures have been indicated and labeled on the photographs.

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 photographs, as to how much the rock or ledge bared, the time and date.

11 - LANDMARKS AND AIDS TO NAVIGATION:

There were no landmarks worthy of charting in the area.

See Review Report.

There are no aids to navigation.

12 - HYDROGRAPHIC CONTROL:

Objects suitable for hydrographic signal sites were identified on the photographs. They were numbered according to the Instructions and a short description recorded in field sketchbook Vol. 6. Objects used consist of lone trees, or outstanding trees, points of ledge along shore, large boulders, corners of piers, chimneys and gables of houses.

In addition to the above, recoverable topographic stations were established at about 1 mile intervals. Where these stations could not be pricked direct on the photographs, the substitute station method was used and control station identification cards executed. Form 524, Description of Recoverable Topographic Station cards were completed for each recoverable topographic station.

There are ³⁵~~38~~ recoverable topographic stations and 296 hydrographic signals in the quadrangle.

13 - LANDING FIELDS AND AERONAUTICAL AIDS:

None.

14 - ROAD CLASSIFICATION:

Roads inspected were classified in accordance with general instructions - "Classification and Compilations of Roads" dated 30 June 1945.

15 - BRIDGES:

All bridges in this quadrangle were identified as part of the interior inspection.

16 - BUILDINGS AND STRUCTURES:

Buildings and structures were identified by encircling them in red ink. The names of churches and schools were furnished. Only those buildings circled should be shown on the compilation except those isolated ones on trails, streams and lakes which were not visited.

17 - BOUNDARY MONUMENTS AND LINES:

This is the subject of a special report submitted by Harold A. Duffy, Photogrammetrist. Filed Div. of Phot. - General Files
Project Completion Report in Bureau Library

18 - GEOGRAPHIC NAMES:

Same as 17 above.

Item 4, Recovery of Horizontal Control was done under the supervision of Lt. (jg) Lewis V. Evans, III.

Work on items 1, 2, 5, 14, 15, and 16 was done by John R. Smith, Engr. Aid.

Work on items 7, 8, 9, 10, 11, and 12 was done by Edward H. Taylor, Photo. Aid.

Respectfully Submitted:

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

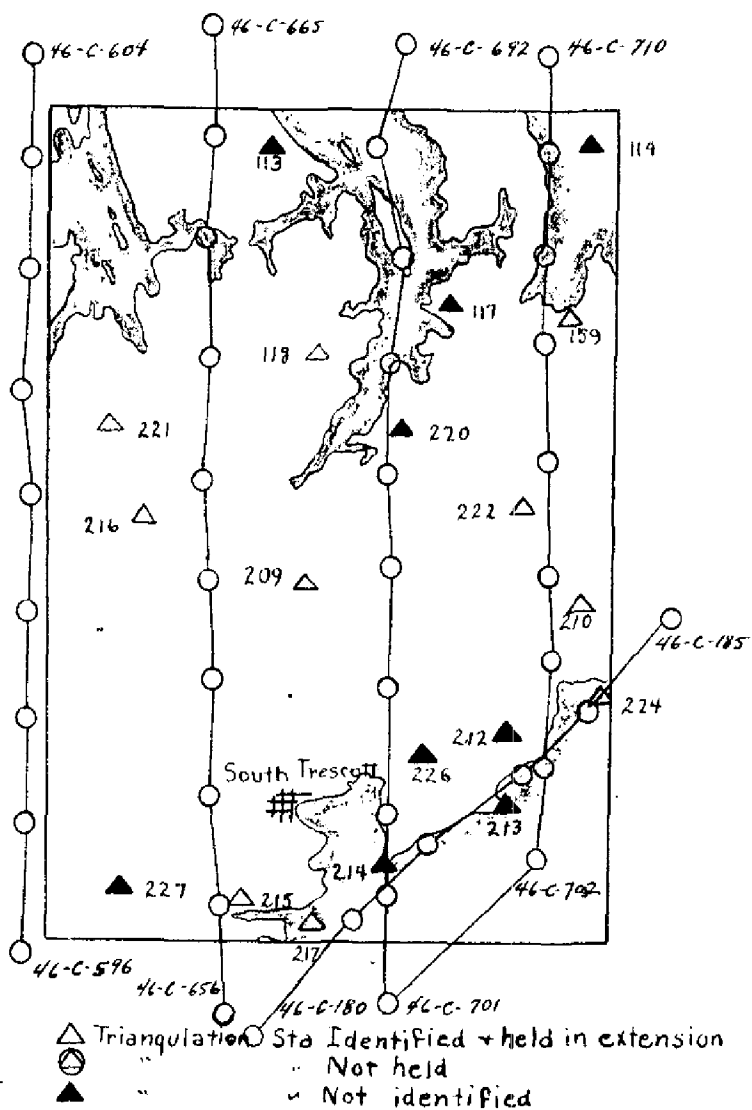
John R. Smith
John R. Smith, Engr. Aid

Edward H. Taylor
Edward H. Taylor, Photo. Aid

Approved and forwarded:

Ross A. Gilmore 10/23/46
Ross A. Gilmore, Chief of Party ✓ *GEV*

- 113 Bradley, 1886
- 114 Roger, 1861
- 117 Small, 1886
- 118 Mine Hill, 1882
- 159 Lube Standpipe, 1910
- 209 Waddle, 1886
- 210 Kimball, 1883
- 212 Squaw Cap, 1883
- 213 Boot Head, 1883
- 214 James Head, 1883
- 215 Morrison, 1883
- 216 Dyer, 1886
- 217 Haycock, 1883
- 220 Baptist, 1886
- 221 McCurdy, 1886
- 222 Porcupine, 1860
- 224 Lawrence, 1883
- 226 Godfrey, 1883
- 227 Trescott Rock, 1861



Ph-II(46)
T-8793

SKETCH OF HORIZONTAL CONTROL

MAP T-8793

PROJECT NO. PH-11(46)

SCALE OF MAP

1:8500

SCALE FACTOR

1.17647

| STATION | SOURCE OF INFORMATION (INDEX) | DATUM | LATITUDE OR ψ -COORDINATE LONGITUDE OR α -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) |
| ✓ MORRISON, 1883 | Spec. Pub. No. 146 | N.A. | 44 45 24.729 | 763.2 | (1088.9) | -23.5 | 739.7 | (1112.4) | 870.2 | (1308.7) |
| | | | 67 04 47.689 | 1048.8 | (271.0) | -1.8 | 1047.0 | (272.8) | 1231.8 | (320.9) |
| ✓ WADDLE, 1886 | " | " | 44 48 14.476 | 446.7 | (1405.4) | -23.5 | 423.2 | (1428.9) | 497.9 | (1681.0) |
| | | | 67 04 03.992 | 87.6 | (1231.0) | -1.8 | 85.8 | (1232.8) | 100.9 | (1450.4) |
| ✓ KIMBALL, 1883 | " | " | 44 48 05.523 | 170.4 | (1681.7) | -23.5 | 146.9 | (1705.2) | 172.8 | (2006.1) |
| | | | 67 00 26.393 | 579.9 | (738.8) | -1.8 | 578.1 | (740.6) | 680.1 | (871.3) |
| 1910 LUBEC STANDPIPE, | " | " | 44 50 35.718 | 1102.5 | (749.6) | -23.5 | 1079.0 | (773.1) | 1269.4 | (909.5) |
| | | | 67 00 40.798 | 895.9 | (421.9) | -1.8 | 894.1 | (423.7) | 1051.9 | (498.5) |
| ✓ HAYCOCK, 1883 | " | " | 44 45 09.683 | 298.8 | (1553.3) | -23.5 | 275.3 | (1576.8) | 323.9 | (1855.0) |
| | | | 67 03 56.707 | 1247.2 | (72.7) | -1.8 | 1245.4 | (74.5) | 1465.2 | (87.6) |
| ✓ SQUAW CAP, 1883 | " | " | 44 46 53.923 | 1664.4 | (187.7) | -23.5 | 1640.9 | (211.2) | 1930.5 | (248.4) |
| | | | 67 01 24.329 | 534.7 | (784.5) | -1.8 | 532.9 | (786.3) | 626.9 | (925.1) |
| ✓ BOOT HEAD, 1883 | " | " | 44 46 14.226 | 439.0 | (1413.1) | -23.5 | 415.5 | (1436.6) | 488.8 | (1690.1) |
| | | | 67 01 21.331 | 468.9 | (850.5) | -1.8 | 467.1 | (852.3) | 549.5 | (1002.7) |
| ✓ TRESMOTT ROCK 1861 | " | " | 44 45 32.235 | 994.9 | (857.2) | -23.5 | 971.4 | (880.7) | 1142.8 | (1036.1) |
| | | | 67 06 30.960 | 680.8 | (638.9) | -1.8 | 679.0 | (640.7) | 798.8 | (753.8) |
| ✓ McCURDY, 1886 | G.P. LIST | N.A. 1927 | 44 49 37.905 | | | | 1170.1 | (682.0) | 1376.6 | (802.3) |
| | | | 67 06 37.987 | | | | 834.5 | (483.7) | 981.8 | (569.0) |
| ✓ DYER, 1886 | " | " | 44 48 44.123 | | | | 1362.0 | (490.1) | 1602.4 | (576.5) |
| | | | 67 05 15.933 | | | | 350.1 | (968.3) | 411.9 | (1139.2) |
| ✓ LAWRENCE, 1883 | " | " | 44 47 45.880 | | | | 490.2 | (1361.9) | 576.7 | (1602.2) |
| | | | 67 00 08.043 | | | | 176.8 | (1142.2) | 208.0 | (1343.8) |
| ✓ PORCUPINE, 1860 | " | " | 44 49 20.301 | | | | 626.7 | (1225.4) | 737.3 | (1441.6) |
| | | | 67 01 20.959 | | | | 460.5 | (857.7) | 541.8 | (1009.0) |

1 FT. = 3048006 METER

COMPUTED BY Henry P. Richter

DATE Winter 1946-7

CHECKED BY Edwin L. Bauman

DATE Winter 1946-7

M-2388-12

COMPILATION REPORT

TOPOGRAPHIC MANUSCRIPT

SURVEY NO. T-8793

The general methods of compilation, horizontal control extension and radial plots, including recommendations for future projects are fully discussed in compilation report for Project PH-11(46). Only items specifically applicable to this map and not included in the above are discussed in this report. Filed in ~~Div. of P. & G. General Files~~

Project Completion Report in Bureau Library

26. CONTROL

Refer to attached "Sketch of Horizontal Control" showing stations identified and held, not held and not identified.

27. RADIAL PLOT

Bureau Archives
for T-8798 Filed in ~~Div. of P. & G. General Files~~

Refer to item 27 of Compilation Report/for details of a partial radial plot which extended into this quadrangle.

29. SUPPLEMENTAL DATA

None.

30. MEAN HIGH WATER LINE

It is believed that the field inspection party did not always choose the most suitable photograph for the inspection of the mean high water line. The layover of trees sometimes obscured the shoreline. Some changes were made by the compiler in delineating the mean high water line.

Checked by Field Editor.

31. LOW-WATER AND SHOAL LINES

The low-water line is incomplete. It is not shown in South Bay and the cove to the west. Here, neither low water photographs nor inspection data was available. See Review Report.

32. DETAILS OFFSHORE FROM THE HIGH WATER LINE

Offshore from Jims Head to Hamilton Cove there are certain rocks which can be seen on photographs taken approximately at MHW (46-C-699 and 46-C-704). According to field inspection data these should be covered at MHW.

Also checked by Field Editor.

35. HYDROGRAPHIC CONTROL

The list of descriptions for photo-hydro stations that could be established are attached as notes to the hydrographer.

37. GEOGRAPHIC NAMES Approved list filed in Geog. Names Section.

The geographic names appearing on this map are from the report of

- 7 -

37. GEOGRAPHIC NAMES (continued) *819✓*

Harold A. Duffy. An alphabetical list is appended to this report.

38. JUNCTIONS

Junctions have been made as follows:

- To the north with T-8791
- To the east with T-8794
- To the south with T-8798
- To the west with T-8792

39. BOUNDARIES

The boundary between Lubec and Trescott is shown complete. See Special Report Boundaries for Project PH-11(46). Filed in Div. of Ptgy - General Files

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

The map compares favorably with the Eastport, Maine, 15 minute quadrangle of the U.S.G.S., edition of 1945, scale 1:62,500.

The following large differences in the elevation of peaks was noted:

| | <u>USGS</u> | <u>T-8793</u> |
|---------------------------------|-------------|---------------|
| Rogers Island | 40' | 87' |
| Peak north of Bassett Creek | 180' | 140' |
| Peak east of Baileys Mistake | 200' | 160' |
| Peak southeast of The Porcupine | 160' | 200' |
| Porcupine Mtn. | 280' | 218' |

*on Quad
160' GEV*
*240 on Quad
GEV*

All these elevations were checked by Field Editor & corrected where necessary. The numerous swamp areas on the quadrangle are believed to be non-existent.

45. COMPARISON WITH NAUTICAL CHARTS

Comparisons were made with U. S. C. & G.S. Charts 801, dated February 1949, (2nd edition), scale 1:40,000 and 1201, dated October 1941 (2nd edition), scale 1:80,000. Agreement was found to be good. The following differences were noted:

A narrow neck at the south of Morrison Cove has been washed out.

Chart 801 does not show any contours or elevations for Rogers I. T-8793 carries four intervals and a peak elevation of 87'.

On chart 801 north of latitude 44° 49' 30" there is a road running northwest connecting a Rd. 5 with a Rd. 7. As this road is not visible on the photographs, we believe that it is no longer existent.

Items 28, 33, 34 and 36 have been omitted as they require no special comment.

Respectfully submitted
27 June 1949



Henry P. Eichert
Photogrammetrist
Descriptive Report and Review

See GEN

Approved and forwarded
June 1949.



Thos. B. Reed
Officer in Charge
Baltimore Photogrammetric
Office

NOTES FOR HYDROGRAPHIC PARTIES
Eastern Maine

TOPOGRAPHIC MANUSCRIPT

PROJECT PH-11(46)
SURVEY NO. T-8793

The following are descriptions of photo-hydro stations to be used as hydrographic signal sites:

| No. | Photo. No. | Description | Height Above MHW (feet) |
|------|---------------|--|----------------------------------|
| 9296 | 601 | 5' spruce, most southerly, 6 m north of MHW. | 2 |
| 9297 | 601 | Lone, 5' pine, 2 m east of MHW. | 2 |
| 9303 | 181 | 10' spruce, most southerly on point | 17 |
| 9304 | 181 | 15' spruce on bend, in cove. | 20 |
| 9316 | 699 | 15' spruce with two tops | 40 |
| 9317 | 699 | 4' lone, spruce at top of cliff | 44 |
| 9319 | 699 | Center tree of three spruces on point. | 45 |
| 9324 | 703 | 25' spruce, tallest in vicinity, back from MHW. | 32 |
| 9325 | 703 | 20' spruce, 20 m west of group, 15 m north of MHW. | 25 |
| 9326 | 703 | 15' spruce, tallest in vicinity, growing in rock depression. | 30 |
| 9327 | 703 | Most southerly, 15' spruce on point of rock cliff. | 30 |
| 9329 | 704 | 10' bushy spruce on point at very edge of grass line and rock ledge. | 20 |
| 9330 | 704 | 25' spruce on ridge. | 35 |
| 9331 | 704 | 20' spruce in cove. | 25 |
| 9332 | 704 | 20' spruce, most western, at top of hill. | 50 |
| 9234 | 708 | North gable of 1½ story, shingled, shed on piling. | 20 |

| No. | Photo. No. | Description | Height above MHW (feet) |
|------|---------------|---|----------------------------------|
| 9335 | 708 | Most northern spruce on point, in center of cluster of birches. | 20 |
| 9336 | 708 | 10' spruce on top of knoll, only spruce in vicinity. | 18 |
| 9338 | 708 | Chimney on east side of building, 0.3 miles from MHW. | 50 |
| 9340 | 708 | 25' spruce at end of small point. | 30 |
| 9343 | 708 | Chimney in center of roof. | 25 |
| 9344 | 708 | 25' double-tipped spruce, only spruce in vicinity. | 35 |
| 9345 | 708 | 10' spruce, most easterly of two on small knoll. | 13 |
| 9347 | 708 | 25' spruce (tallest) at head of cove. | 28 |
| 9348 | 709 | Most southerly spruce on point, 18 m north of MHW. | 20 |
| 9349 | 709 | 5' bushy spruce on point and entrance to small cove. | 8 |
| 9350 | 709 | South gable of small building on hill in cove. | 15 |
| 9351 | 709 | 10' spruce in heavy alder growth | 15 |
| 9352 | 709 | Gable of small building on end of pier. | -- |
| 9354 | 709 | Chimney on 1½ story house on highest point. | 50 |
| 9355 | 709 | 15' spruce near point, only spruce in vicinity. | 22 |
| 9356 | 709 | 15' spruce at edge of rocky beach near point. | 16 |
| 9358 | 709 | Chimney in center of house on knoll. | 25 |
| 9359 | 709 | Gable of house behind row of cottages. Has extension to west. | 35 |
| 9360 | 709 | 20' spruce, smallest of three, at head of indentation. | 24 |
| 9361 | 709 | 15' spruce, most northern of four in row, overhanging water. | 17 |
| 9362 | 709 | 8' spruce, most southern on island. | 12 |
| 9363 | 709 | Northwest gable of shingled shed with one-half of roof missing. | 30 |

| No. | Photo. No. | Description | Height above MHW (feet) |
|------|---------------|--|----------------------------------|
| 9365 | 709 | 25' very bushy evergreen on point. | 45 |
| 9366 | 709 | 20' spruce, taller of two at bottom of slope. | 28 |
| 9367 | 709 | 8' spruce on east side of point. | 16 |
| 9369 | 664 | 20' spruce at edge of water on 5' bank. | 25 |
| 9370 | 664 | 10' spruce in cove, only spruce near shore. | -- |
| 9371 | 664 | Most northerly of group of 10' spruces on point. | 13 |
| 9372 | 664 | Most northerly 10' spruce on point. | 16 |
| 9373 | 694 | 20' spruce at mouth of cove | 23 |
| 9374 | 694 | 20' spruce in cove. | --- |
| 9375 | 694 | Most southern, 18' spruce on point, larger of two. | 13 |
| 9376 | 694 | Largest, 15' dark colored, spruce on point. | 23 |
| 9377 | 694 | 10' lone spruce at edge of ledge | 13 |
| 9378 | 694 | 20' spruce at edge and top of gravel bank in clearing. | 25 |
| 9379 | 694 | 15' spruce at edge of beach on point. | 20 |
| 9381 | 694 | Highest point in center of grey ledge. | 2 |
| 9382 | 694 | Most southern, 10' dark spruce | 15 |
| 9383 | 694 | 15' spruce at edge of rock cliff. Dead spruce to east. | 27 |
| 9384 | 694 | Tallest spruce with slender tip on point. | 23 |
| 9385 | 694 | 30' spruce with dead branches, green on top. | 35 |
| 9386 | 694 | 25' spruce in cove at point. | 28 |
| 9387 | 694 | Most southern spruce at mouth of cove. | 20 |
| 9388 | 694 | 15' leaning spruce. | 23 |
| 9389 | 663 | 25' leaning spruce | 27 |

| No. | Photo. No. | Description | Height above MHW (feet) |
|-------|---------------|--|----------------------------------|
| 9390 | 663 | 15' spruce, east of alders | 20 |
| 9391 | 663 | 15' spruce with branches only on top. | 18 |
| 9392 | 663 | Southernmost tree on point | 15 |
| 9393 | 663 | 20' most southerly, full-limbed spruce. | 25 |
| 9396 | 663 | Bushy spruce on point. | 20 |
| 9398 | 663 | 30' spruce with very large trunk on east side of cove, growing over rock. | 33 |
| 9399 | 663 | 30' spruce, tallest of trees. | 33 |
| 93100 | 663 | 10' bushy spruce in group of alders. | 15 |
| 93101 | 663 | Chimney of highest roof of white house on knoll. | 50 |
| 93103 | 663 | 20' spruce on rock ledge point. | 24 |
| 93104 | 694 | 25' spruce at edge of alder line. | 27 |
| 93105 | 694 | Northernmost 10' spruce on ledge | 15 |
| 93106 | 694 | 20' lone spruce in group of alders | 23 |
| 93107 | 694 | 20' large spruce at head of small stream back of other trees. | 23 |
| 93108 | 694 | Center spruce in group of three on rock point. | 15 |
| 93109 | 694 | Tall, slender, spruce behind dead birch, on point. | 23 |
| 93110 | 694 | Spruce with trunk growing north over ledge. | 27 |
| 93112 | 694 | Tallest spruce on north bank of ledge | 30 |
| 93113 | 694 | 20' spruce, west of three smaller spruces on point. | 24 |
| 93114 | 694 | 20' spruce on north side of ledge. Cut to south of tree. | 22 |
| 93115 | 694 | 15' pine with few branches on edge of ledge. | 17 |
| 93116 | 694 | Very slender 10' spruce, south of dead tree. | 14 |
| 93117 | 694 | 15' spruce, with few branches, at edge of water. | 17 |

| No. | Photo. No. | Description | Height above MHW (feet) |
|-------|---------------|--|----------------------------------|
| 93118 | 694 | 15' straggly spruce on point. | 22 |
| 93119 | 694 | 20' spruce on rock ledge. | 23 |
| 93120 | 694 | Tallest spruce with very full top on point. | 25 |
| 93121 | 694 | 30' spruce at head of stream at bend. | 31 |
| 93122 | 694 | 10' very bushy spruce at head of stream. | 14 |
| 93123 | 694 | 15' spruce with dead top. | 17 |
| 93124 | 694 | 15' spruce, most northern in vicinity. | 17 |
| 93125 | 694 | 15' spruce most eastern on point. | 17 |
| 93126 | 694 | 6' spruce on side of ledge, near top. | 10 |
| 93127 | 694 | 15' spruce, most northern on point. | -- |
| 93129 | 694 | 12' spruce on point. No branches on north side of tree. | 18 |
| 93130 | 694 | Light-colored spruce with branches overhanging water. | 30 |
| 93131 | 695 | 20' spruce on ledge. Birch trees to north. | 25 |
| 93132 | 695 | Tallest spruce in group on south side of point. | 22 |
| 93133 | 695 | 20' spruce at top of bank. | 40 |
| 93134 | 695 | Southernmost of two 10' spruces on very tip of point. | 20 |
| 93138 | 695 | 25' double spruce, taller and more bushy of two on point. | 26 |
| 93139 | 696 | 15' spruce at bottom of small bank. | 16 |
| 93140 | 696 | East gable of house on north side of stream. | 35 |
| 93141 | 696 | Cupola of school at head of stream. | 60 |
| 93145 | 696 | 10' bushy spruce at point. Only spruce in area. | 15 |
| 93146 | 695 | More northern of two 10' spruces in clearing at edge of water. | 12 |

| No. | Photo. No. | Description | Height above MHW (feet) |
|-------|---------------|---|----------------------------------|
| 93148 | 695 | 10' lone spruce on gravel point. | 75 |
| 93150 | 695 | 10' bushy spruce at base of hill | 13 |
| 93151 | 695 | 15' double tipped spruce on point, at junction of streams. | 15 |
| 93152 | 695 | 25' spruce, only spruce on point surrounded by birch and alders. | 30 |
| 93153 | 695 | 15' lone, spruce on south shore. | 19 |
| 93154 | 695 | 20' spruce with bent trunk, on point. | 25 |
| 93155 | 695 | Taller of two identical spruce on point, on side of hill. | 25 |
| 93157 | 695 | Top of center of group of three 5' spruces. | 9 |
| 93160 | 695 | Top of grey boulder on point at edge of grass line. | 2 |
| 93162 | 695 | Most northern and smallest spruce. | 8 |
| 93163 | 695 | 15' spruce, tallest | - |
| 93164 | 695 | 10' spruce at top of clay bank. Small white birch to west. | 15 |
| 93165 | 695 | Top of white birch at top of head of small stream. | 20 |
| 93166 | 695 | 6' spruce on bank of stream. Top looks dead and flat. | 81 |
| 93167 | 695 | 10' spruce on corner of cove, tallest of large group. | 13 |
| 93170 | 695 | 15' spruce on point, at base of small hill, at edge of water. | 17 |
| 93171 | 695 | 25' spruce at head of cove, tallest of trees with slender top. | 27 |
| 93172 | 695 | 10' spruce at bottom of slope. White birch to north. | 12 |
| 93173 | 695 | 20' spruce with dead branches behind small, red, ledge. | 24 |

| No. | Photo. No. | Description | Height above MHW (feet) |
|-------|---------------|--|----------------------------------|
| 93174 | 695 | 10' bushy-topped tree on south end of island. | 18 |
| 93175 | 695 | Top of center of grey rock, 7 meters east of tree-line. | |
| 93177 | 708 | Small, northernmost, spruce on top of rock ledge. | 15 |
| 93178 | 708 | 15' spruce atop 5' clay bluff. | 20 |
| 93180 | 708 | 15' spruce growing on side of cliff. Base just above MHW. | 16 |
| 93183 | 693 | 20' spruce on middle of steep gravel bank, just above ledge. | 23 |
| 93185 | 693 | 20' spruce overhanging water at a 45° angle. | 21 |
| 93186 | 693 | Bushy-topped tree, most eastern on island. | 18 |
| 93187 | 693 | 15' bushy spruce on knoll, apart from other trees. | 25 |
| 93189 | 694 | Tallest spruce on west side of Long Island on point beyond small cove. | 22 |
| 93190 | 694 | 25' evergreen on point at mouth of cove. | 30 |
| 93191 | 694 | Southernmost of two almost identical spruces. | 25 |
| 93192 | 694 | 15' spruce, overhanging water in cove. | -- |
| 93193 | 694 | 20' spruce on point. | 25 |
| 93194 | 694 | 10' spruce, halfway up rock ledge, behind shack. | 20 |
| 93195 | 694 | 10' spruce at north side. | 15 |
| 93197 | 694 | 15' spruce on rock | -- |
| 93199 | 694 | 20' evergreen, back in cove. | 25 |
| 93203 | 708 | 10' spruce on point of rock ledge. | 20 |
| 93204 | 708 | 10' spruce on island. Most western tree. | 13 |
| 93205 | 708 | 10' spruce, thickest branched tree on N end of small island. | 15 |
| 93206 | 708 | 15' spruce, overhanging water in small cove. | 17 |

| No. | Photo. No. | Description | Height above MHW (feet) |
|-------|---------------|---|----------------------------------|
| 93207 | 708 | 15' spruce on side of steep cliff, just above fault in rock. | — |
| 93208 | 708 | 15' spruce, overhanging water on point. | 18 |
| 93209 | 708 | 25' slender spruce. Most northerly tree in cove. | 27 |
| 93210 | 708 | 15' spruce at base of very steep rock cliff. | |
| 93211 | 708 | Northernmost of two trees, back in small cove. | 23 |
| 93212 | 708 | 20' spruce in midst of alders on point. | 22 |
| 93213 | 708 | 10' spruce on point. Most westerly tree. | 12 |
| 93214 | 708 | 25' bushy spruce, largest in back of cedars. | 28 |
| 93215 | 708 | 25' straggly, spruce, directly behind 2 leaning spruces. | 28 |
| 93216 | 708 | 20' lone spruce on edge of grass line at head of small stream. | 23 |
| 93217 | 708 | 15' spruce at head of cleared area in middle of sand bank. | 20 |
| 93218 | 708 | 20' lone spruce | 22 |
| 93219 | 708 | 20' spruce, east of cut. | 25 |
| 93220 | 708 | 20' spruce in cove, amidst alders | |
| 93221 | 708 | 10' spruce overhanging water on shore. | 13 |
| 93222 | 708 | 10' spruce at head of cove. | 14 |
| 93224 | 708 | 20' spruce leaning westward at top of bank. | 27 |
| 93225 | 708 | Tallest of group of spruces on point. | 12 |
| 93226 | 708 | Top of white boulder on beach near grass line. | |
| 93227 | 708 | Most southerly 20' spruce in cove north of cut. | 28 |
| 93228 | 708 | 15' spruce with crooked trunk at point of mouth of cove. | 20 |
| 93229 | 708 | 20' lone spruce on point. | 25 |
| 93231 | 603 | 10' straggly spruce on rock ledge on point. | 14 |
| 93232 | 603 | 30' spruce with dead branches at top. Admidst birch trees at beach. | 33 |

| No. | Photo. No. | Description | Height above MHW (feet) |
|-------|---------------|--|----------------------------------|
| 93233 | 603 | 30' spruce near point, in small clearing at waters edge. | 32 |
| 93234 | 603 | 10' bushy spruce on point at entrance of small cove. | 12 |
| 93235 | 603 | 15' spruce on point, next to white boulder. | 17 |
| 93236 | 603 | 20' spruce on point. | 23 |
| 93238 | 602 | Taller and more westerly of two similar spruces on point. | 20 |
| 93240 | 602 | Smallest and most easterly tree on point. | 15 |
| 93241 | 602 | 15' spruce, growing on top of rock ledge. Most northerly tree. | 18 |
| 93242 | 602 | 15' dead fork tipped tree on point. | 47 |
| 93243 | 602 | 20' very green bushy spruce on point. | 23 |
| 93244 | 602 | 15' spruce, more southerly of two, overhanging water. | 16 |
| 93247 | 602 | 15' spruce at waters wedge. Most southerly tree. | 16 |
| 93248 | 602 | 20' spruce, overhanging water. | 22 |
| 93250 | 602 | 15' spruce, most northwesterly tree on point. | 20 |
| 93252 | 602 | 10' spruce ^{at} waters edge, only spruce on point. | 12 |
| 93253 | 602 | 20' very bushy hackmatack tree at mouth of cove. | 22 |
| 93256 | 663 | 10' spruce on small 5' knoll. Only spruce in area. | 15 |
| 93257 | 663 | 10' birch on point, overhanging rock ledge. Only birch on point. | 13 |
| 93258 | 663 | 15' spruce, standing at rightangle over water. | 19 |
| 93259 | 663 | 10' spruce at head of cove, on top of rock. | 13 |
| 93260 | 663 | 10' spruce most northwesterly tree on island at high water. | 14 |
| 93261 | 663 | 15' spruce, smaller of two adjacent spruces. | 17 |

| No. | Photo. No. | Description | Height above MHW (feet) |
|-------|------------|---|-------------------------|
| 93264 | 663 | 12' bushy spruce, most southwesterly of small group on point. | 14 |
| 93265 | 663 | 10' lone spruce on E shore of Morong Cove. In midst of alders. | 14 |
| 93266 | 663 | 10' lone spruce on N shore of Morong Cove, on small point. | 12 |
| 93267 | 663 | 10' pine on point. Most easterly of two almost identical trees. | 12 |
| 93268 | 663 | 10' very bushy spruce, at edge of ledge | 11 |
| 93269 | 663 | 5' spruce on point. Taller of two spruces | |
| 93270 | 663 | 25' lone spruce, leaning over water at sharp angle. | 27 |
| 93271 | 663 | Tallest of three identical trees. Tree has bent trunk. | 20' |
| 93272 | 663 | 15' spruce on point with branches only on top. | 17 |
| 93274 | 663 | 10' lone spruce with flat top on the south part of island. | 13 |
| 93276 | 663 | 15' spruce on south side of island. Most southerly spruce. | 18 |
| 93277 | 663 | 20' white birch in front of spruce on SW corner of island. | |
| 93278 | 663 | 15' hackmatack on edge of island. | 22 |
| 93279 | 663 | Lone spruce, tallest on very small island. | 20 |
| 93280 | 663 | 15' white birch on point at island. Most northerly tree. | 18 |
| 93281 | 663 | 15' very bushy tree at edge of ledge and grass. | 18 |
| 93282 | 663 | 20' spruce on the southeast corner of point of land. | |
| 93283 | 663 | 15' spruce, most northerly on island. | 18 |
| 93285 | 603 | 20' bushy spruce at edge of water | 23 |

| No. | Photo. No. | Description | Height above MHW (feet) |
|-------|---------------|---|----------------------------------|
| 93286 | 603 | 25' spruce at head of cove, among alders | 25 |
| 93287 | 603 | 30' spruce on point. Northernmost tree with no branches at bottom. | 40 |
| 93288 | 603 | 20' spruce at foot of cliff. 6 meters from MHWL. | 25 |
| 93291 | 603 | 10' spruce on point. Most northern tree on MHWL. | 11 |
| 93292 | 603 | 10' spruce leaning over bank at head of cove. | 16 |
| 93293 | 603 | Tallest of group of spruces in northwest corner of cove. | 30 |
| 93299 | 664 | 10' lone spruce at point on southeast corner of island. | 15 |
| 93301 | 664 | 10' flat-top spruce on east side. Trees to the rear. | 15 |
| 93302 | 664 | 8' spruce on small isle. Northernmost spruce at edge of grass line. | 13 |
| 93304 | 664 | 10' pine on point. Tree leans to south and has a bent trunk. | 14 |
| 93305 | 664 | Northernmost spruce on westernmost of three islands. | 15 |
| 93306 | 664 | 15' spruce with base at MHWL. Tallest of small group on small rise. | 15 |
| 93307 | 664 | 15' spruce leaning eastward on point. | 18 |
| 93308 | 664 | 15' spruce at head of small cove, outside of tree line. | 17 |
| 93310 | 664 | 25' spruce growing on rock ledge on side of slope. | 27 |
| 93311 | 664 | Highest tip of very white boulder at edge of tree line. | 2' |
| 93312 | 664 | Chimney on shingled cottage amidst spruces. Not very prominent. | 45 |
| 93314 | 664 | 4' lone spruce on island. | 9 |

| No. | Photo. No. | Description | Height above MHW (feet) |
|-------|---------------|---|----------------------------------|
| 93315 | 664 | 15' very bushy spruce, half-way up slope and 6 meters N of MHWL. Small spruce to southeast. | 22 |
| 93316 | 664 | Easternmost spruce on island at edge of grass line. | 15 |
| 93317 | 664 | Westernmost spruce on point of same island. | 15 |
| 93318 | 664 | Westernmost spruce on point of neck of land. | 10 |
| 93319 | 664 | 10' spruce at top of 5' clay bank at head of cove. Dead spruce at bottom of bank. | 15 |
| 93320 | 664 | 20' spruce directly behind leaning birch. Tallest spruce. | 25 |
| 93321 | 664 | Northernmost spruce on point. 5' spruce at edge of water. | 5 |
| 93322 | 664 | Most northeastern spruce on point. Fallen dead spruce to north. | 20 |
| 93324 | 664 | 10' spruce, half-way up rock ledge. Three trees in group. | 17 |
| 93326 | 664 | 20' flat top spruce with no branches on the bottom. White birch to south. | 24 |
| 93327 | 664 | 25' very full-branched spruce amidst birch trees. | 27 |
| 93329 | 664 | 15' spruce growing from side of bank. Leans out over water. | 18 |
| 93330 | 664 | Northernmost of twin spruces. | 24 |
| 93331 | 664 | 8' spruce. Southernmost on small island. | 15 |
| 93333 | 664 | 15' spruce, 10 meters S of MHWL on center of point. | 20 |
| 93334 | 664 | 15' tall, slender, spruce. More easterly of two on west side of point. | |

There are numerous rocks and ledges not shown on T-8793, but appearing on U.S.C. & G.S. Chart 801 which require verification. The approximate positions of several isolated rocks have been encircled with a black, dashed, line and labeled ROCK. Numerous rocks and ledges are shown on the chart, east and north of Scrub I. and east of Long I., and in Straight Bay.

Respectfully submitted
24 June 1949

Bernadette A. Dew
Cartographic Aid

Approved and forwarded

Thos B. Burch
Officer in Charge
Baltimore Photogrammetric Office

Field Edit Report, T-8793

51. Methods.--All roads were ridden out to check their classification, to investigate questioned areas, to reclassify buildings, and to visually check contours and planimetry.

Shoreline delineation was visually inspected from a skiff and outboard motor running close inshore. This work was done at or near low-water and heights of rocks, ledges and reefs obtained by noting the time the feature was inspected and reducing to low-water or indicating the height above high-water if it remained uncovered at mean high-water. A tide curve, based on Moose Cove, reference station Eastport, Maine, was plotted and used to reduce these heights. The nature of the foreshore was indicated where the compilation was made from photographs taken near high-water. The foreshore on the west side of Baileys Mistake was compiled from photographs taken near low-water and was found to be correctly delineated.

Standard planetable methods were used to contour an area at the northern limit of the quadrangle on Denbow Neck and to check dashed contours.

Field edit information has been shown on the following sources: Discrepancy Prints; Field Edit Sheets Nos. 1 and 2; and 1:20,000 scale single lens photographs 46 C 181, 182, 657, 658, 660, 663, 696, 697, 698, 699, 703, 704, 705, 706, 707, and 1:8,500 scale ratio photographs 46 C 694, 704, and 708.

Red ink was used for additions and corrections; green for deletions. The letter "R" following a photograph number indicates a ratio photograph. No legend is shown.

52. Adequacy of Compilation.--Notes on Field Edit Sheet No. 1 regarding the nature of the foreshore will require considerable changing of approximate low-water line to ledge symbol.

Compilation will be complete after application of field edit data.

53. Map accuracy.--No vertical or horizontal accuracy test was specified.

An area of approximately $\frac{1}{4}$ sq. mile was checked by planetable and contours and drainage corrected. The vertical origin and termination was at bench mark C-67. Horizontally it started and ended at acute road intersections. No adjustment was made.

Dashed contours in the vicinity of Lat. $44^{\circ}51'30''$, Long. $67^{\circ}07'30''$ were checked by running a planetable traverse across them. Corrections where necessary were made on Field Edit Sheet No. 2. A level line, originating vertically at a trig level point and terminating at the same point, was run by planetable methods along the road on Crow Neck. This road falls mostly in quadrangle T-8792. The work was done on 1:8,500 scale photograph 46 C 602. Spur lines were run off of and closed back on this level line. Vertical error of closure did not exceed 0.5 ft. and no adjustment was made. Contours tested proved to be within the required accuracy.

An area of approximately $\frac{1}{3}$ sq. mile was contoured in the vicinity of Lat. $44^{\circ}52'15''$, Long. $67^{\circ}05'$. This work was done on Field Edit Sheet No. 2.

In side heading 44 of the Compilation Report it was noted that 5 peak elevations differed considerably from those obtained by the U. S. Geological Survey. Each of these peaks was checked by planetable method with the following results:

| | <u>USGS</u> | <u>Multiplex</u> | <u>Plañetabie</u> |
|------------------------------------|-------------|------------------|-------------------|
| Rogers Island | 40 | 87 | 84 |
| Peak north of Bassett Creek | 180 | 160 | 195 ? |
| Peak east of Baileys Mistake | 200 | 160 | 168 |
| Peak southeast of The Porcupine | 160 | 200 | 208 |
| Porcupine Mountain | 280 | 240 | 250 |

Vertical error of closure in no case exceeded 1.5 ft and no adjustment was made. The work was done on the Field Edit Sheets with the exception of Peak north of Bassett Creek, which is shown on 1:8,500 scale ratio photograph 46 C 694. Since the multiplex elevation was proved to be in error the hill will have to be recontoured. Two points have been identified which may be used for vertical control. Recontoured by multiplex.

Visual inspection of contours at a number of places proved them to be well-shaped as to relief expression.

54. Recommendations.--No recommendations are offered.

55. Examination of proof copy.--Mr. H. P. Kilby, Dennysville, Maine, long time resident, who has surveying experience with this bureau and the Geological Survey, will examine a proof copy of the map.

No discrepancy was noted in geographic names.

Respectfully submitted,
August 31, 1949

George E. Varnadoe
George E. Varnadoe,
Cartographic Engineer

T - 8793

GEOGRAPHIC NAMES

- Baileys Ledge ✓
- Baileys Mistake ✓
- Balch Head ✓
- Bassett Creek ✓
- Black Head ✓
- Boot Cove ✓
- Boot Head ✓

- Carlos Cove ✓
- Case Cove ✓
- Cobble Hill ✓
- Coffin Neck ✓ *cg. to Coffins*
- Coffin Point ✓
- Crow Neck School ✓
- *Crow Neck*
- Denbow Neck ✓
- Dougherty Cove ✓
- Dougherty Point ✓

- Eaton Cove ✓
- Ellis Hill ✓

- Federal Harbor ✓
- Finnegan Brook ✓
- Gooseberry Island ✓
- Grand Manan Channel ✓

- Hamilton Brook ✓
- Hamilton Cove ✓
- Haycock Harbor ✓
- Hog Island ✓
- Horan Head ✓
- Huckins Island ✓

- Jims Head *
- Johnson Bay ✓
- Julia Cove ✓

- Lily Lake ✓
- Long Island ✓
- Long Island Passage ✓
- Lubec (District) ✓
- Lubec Neck ✓
- *Lubec Airport* ✓

- Mays Brook ✓
- Morong Cove ✓
- Morrison Cove ✓

- No. 9 Hill ✓
- North Lubec ✓
- Nutter Cove ✓

- Parker Island ✓
- Porcupine Hill ✓
- Porcupine Mt. ✓

- Race Point ✓
- Red Point ✓
- Ridge ✓
- Rodgers Island ✓

- Sandy Cove ✓
- Scrub Island ✓
- Seward Neck ✓
- South Trescott ✓
- Split Hill ✓
- Squaw Cap ✓
- Straight Bay ✓

- ~~Straight Bay School~~ (destroyed)
- ~~South Bay~~ ✓
- Talbot Cove ✓
- Thayer Ledges ✓
- The Pool ✓
- The Porcupine (pending with USBN) ✓
- Trescott (district) ✓

- West Lubec *metary* ✓
- Wiggins Brook ✓
- Wilcox School ✓

- State Nos. 189, 191
- Crow Neck (from T8792)
- West Lubec Cemetery ✓

Names preceded by .
are approved. 7-13-49
L. HECH

* = decision of U.S. B.G.N.

Review Report T-8793
Topographic Map
March 6, 1950

26. Control.-Thirteen USCG&GS and 2 USGS bench marks were recovered in the field and are shown on the Map Manuscript. ||

31. Mean Low Water Line.-The photographs covering the water areas on this quadrangle were taken at high tide, except in the Johnson Bay area. It was necessary to locate the approximate MLWL from the Hydrographic Surveys so that the topographic quadrangle will be complete. The nature of the foreshore was determined by the Field Editor and the symbolization is in accordance with his notes. All information taken from the hydrographic surveys is in purple ink and will not be shown on the registered copy.

32. Details Offshore from the MHWL.-Many reefs, not visible on the high water photographs, in South and Straight Bays have been added to the map manuscript from the Hydrographic Surveys in purple ink. See attached letter "History of Hydrographic Information" for sources. *These details transferred from the hydro sheet are not on the registered copy. See above paragraph.*

34. Landmarks and Aids to Navigation.-Form 567 has been filed in the Nautical Chart Branch for the recommended landmark, Standpipe. See Chart Letter 584 (49).

44. Comparison with Existing Surveys:

| | | | |
|----|--------------------------|----------|--------------|
| a) | USGS Eastport Quadrangle | 1:62,500 | 1945 |
| b) | T-979 | 1:10,000 | 1865 |
| | T-980 | " | 1861, 63, 88 |
| | T-1741 | " | 1886 |
| | T-1780 | " | 1887 |
| | T-1805 | " | 1887 |
| | T-1933 | " | 1889 |
| | T-1935 | " | 1889 |

This map supersedes these surveys in common areas for nautical charting purposes.

45. Comparison with Nautical Charts:

| | | | |
|----------------|----------|------|------------|
| Chart No. 1201 | 1:80,000 | 1941 | Corr. 1948 |
| " " 801 | 1:40,000 | 1949 | |

Many small islets in South & Straight Bay are not shown on Chart No. 801.

47. Adequacy of the Compilation.-This map, T-8793, is a complete topographic map and has been compared and reconciled with all hydrographic and topographic surveys of record in this Bureau and is, therefore, the most complete and accurate topographic map of record in the area covered.

48. Accuracy Tests.-No standard vertical accuracy test was run on this quadrangle. However, the elevations along several test traverses, checking doubtful contours and peak elevations, were tabulated and the results were within the required accuracy.

This map complies with the National Standards of Map Accuracy.

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

Reviewed by:

Charles Theurer
C. Theurer

Approved by:

S. V. Griffith
Chief, Review Section K.H.M.
Division of Photogrammetry *mg*

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

O. S. Reading
Chief, Div. of Photogrammetry

W. M. Scaife
Chief, Div. Coastal Surveys *lgt*

HISTORY OF HYDROGRAPHIC INFORMATION

T-8793

West Lubec, Maine Quadrangle

Hydrography was applied to the manuscript of this quadrangle in accordance with Division of Photogrammetry request of 28 March 1950, and with general specifications of 18 May 1949.

The depths are in feet at mean low water and originate with the following surveys and charts:

| | |
|---------------|--|
| H-895 (1866) | 1:10,000 |
| H-1691 (1886) | 1:10,000 |
| H-1692 (1886) | 1:10,000 |
| H-1798 (1887) | 1:10,000 |
| H-1838 (1888) | 1:10,000 |
| H-2027 (1890) | 1:10,000 |
| Chart 801 | 1:40,000 printed 2-14-49, corrected 3-27-50. |
| Chart 1201 | 1:80,000 printed 8-30-48, corrected 3-27-50. |

Depth curves are shown at 0 (represented by a dotted line), 6, 12, 18, 30, 60, 120, 180 and 240 feet.

The hydrography was compiled by R. E. Elkins and checked by - G. F. Jordan and R. H. Carstens.

R. E. Elkins

R. E. Elkins

4-6-50

Nautical Chart Branch