

# 8577

Diag'd. on diag. ch. No. 1202

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

## DESCRIPTIVE REPORT

Type of Survey Planimetric Air photographic  
(Shoreline)

Field No. \_\_\_\_\_ Office No. T-8577

### LOCALITY

State Maine

General locality Eastern Bay

Locality Skillings River and Jordan River

1945

CHIEF OF PARTY

Fred. L. Peacock

LIBRARY & ARCHIVES

DATE

Mar 18 - 1948

B-1870-1 (1)

8577

## DATA RECORD

T-8577

Quadrangle (II):

Project No. (II): CS-272E

Field Office:

Chief of Party: Fred. L. Peacock

Air Photographic Party No. 2

Compilation Office:

Chief of Party: Fred. L. Peacock

Baltimore Photogrammetric Office

Instructions dated (II III):

Copy filed in Descriptive

April 2, 1942 (additional)

Report No. T- (VI)

July 10, 1943 (Horizontal Control Requirements)

Dis. Photogram Office Files

Mar. 18, April 11 &amp; July 17, 1944 (Supplemental)

Aug. 10, 1944 (Additional) Aug. 26, 1944 (Amendment to Additional Instructions).  
Completed survey received in office;*26 Sept. 1945*

Reported to Nautical Chart Section:

Reviewed: *23 Dec. 1946*Applied to chart No. *306*  
*1202*Date: *7 Dec. 1945*  
*14-14 Feb 1946*Redrafting Completed: *Not redrafted*Registered: *March*  
*27 Feb 1948*

Published:

*Waltman cloth-bound 8 Dec 1947*  
*Vault copy only*

Compilation Scale: 1:10,000

Published Scale: *1:10000*

Scale Factor (III): 1.0000

Geographic Datum (III): N.A. 1927

Datum Plane (III):

Reference Station (III): TRENTON POINT, 1865, r. 1934, r. 1944

Lat.:  $44^{\circ} 27' 59.802''$  1845.9 m Long.:  $68^{\circ} 18' 19.854''$  438.9 m. Adjusted  
~~Unadjusted~~State Plane Coordinates (VI): *East Zone*

X =

Y =

Military Grid Zone (VI)





STATISTICS (III)

Land Area (Sq. Statute Miles); 5

Shoreline (More than 200 meters to opposite shore); 20.5

Shoreline (Less than 200 meters to opposite shore); 5

Number of Recoverable Topographic Stations established;  
\* 18 Recoverable Topographic Stations.

Number of Temporary Hydrographic Stations located by radial plot; 87

Leveling (to control contours) - 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: \* One of these established by ground-survey methods, 17 by the  
Radial Plot. Two of the latter are also Tidal Bench Marks.



FIELD REPORT  
SURVEY No. T-8577

COAST OF MAINE  
VICINITY OF SKILLINGS RIVER  
AND JORDAN RIVER  
Project No. CS-272-E

1. DESCRIPTION OF THE AREA:

According to instructions dated August 10, 1944, the Survey for Map Drawing, Survey No. T-8577, is a shoreline survey.

Survey No. T-8577 covers the area along both shores of Jordan River, the northern shore of Eastern Bay, all of Berry Cove and Raccoon Cove, both shores of Skillings River to a point approximately one half mile north of Mosely Point, the southern part of Partridge Cove, and a few small islets and offshore ledge areas.

The terrain immediately adjacent to the Mean High Water Line is, in general, rocky. The foreshore area is commonly ledge rock with a few stretches of sand and gravel beaches, frequently boulder strewn. Most of the sand and gravel beaches are in or near the coves. There are some mud flats in the deeper coves.

The interior is mostly tree covered with a few cleared and cultivated areas. One large pond, namely: Blunts Pond, which drains into Raccoon Cove, falls within the area.

2. COMPLETENESS OF FIELD INSPECTION:

The identification of the horizontal control is complete except as noted under side heading No. 4, "Horizontal Control", of this report. The identification and field inspection of the Mean High-Water Line, mean Low-Water Line, foreshore and offshore details are complete except for off-lying shoals, sunken reef areas, charted rocks awash not visible on the photographs, and the Mean Low-Water Line in most of Skillings River, Jordan River and part of Berry Cove.

3. INTERPRETATION OF THE PHOTOGRAPHS:

Sufficient notes have been made on the field photographs to enable the Compilation Office to augment the field interpretation by analogy where necessary.

4. HORIZONTAL CONTROL:

All of the horizontal control stations within the area of Survey No. T-8577 were recovered in good condition with the following exceptions:

4. HORIZONTAL CONTROL: (Continued)

MERCER'S A. HOUSE CHIMNEY, 1865 - Lost.  
TRENTON POINT SCHOOLHOUSE CUPOLA, 1865 - Lost.  
ONE STORY WHITE HOUSE CHIMNEY, 1865 - Lost.  
HODGKINS, D., HOUSE, EAST CHIMNEY, 1865. Station is lost for triangulation purposes. Chimney rebuilt. Identification on photographs is positive.

LAMOINE BEACH BLACK STANDPIPE, 1934. Station is lost, foundation remains. Identification of F.I.P. is positive.

Form No. 526, Recovery note, has been submitted for each of the previously established horizontal control stations within the area of this Survey.

One additional horizontal control station, MEADOW POINT BRICK CHIMNEY WITH VENTILATOR, 1944, has been established by approved ground-survey methods.

5. VERTICAL CONTROL:

Two Bench Marks, Lamoine Beach Naval Coaling Station Tidal Bench Marks Nos. 2 and 3, have been recovered and identified on the field photographs. These two Bench Marks are only two inches apart.

Two other bench marks, Lamoine Beach Naval Coaling Station Tidal Bench Marks nos. 4 and 5 were recovered but not identified.

6. DRAINAGE:

Part but not all of the drainage within the area of this Survey has been identified on the field photographs.

7. MEAN HIGH-WATER LINE:

All of the Mean High-Water Line was inspected from a dinghy kept close to the shore or by traversing on foot. Where the Mean High-Water Line could not be directly identified on the field photographs, reference measurements were taken or the distance estimated from some well defined picture reference image.

Alongshore rocks and offshore rocks and islets above the plane of Mean High-Water, revealed by photography, have been identified on the field photographs with elevations above the plane of Mean High-Water noted.

8. MEAN LOW-WATER LINE:

The Mean Low-Water Line was inspected at or near Mean Low-Water whenever practicable. All of the Mean Low-Water Line within the area of this Survey was not identified on the field photographs. The Mean Low-Water Line was not identified along Jordan River, most of Skillings River and a part of Berry Cove. The identification of the Mean Low-Water Line on the field photographs is very close to its true position but is to be considered as approximate.

9. WEARVES AND SHORELINE STRUCTURES:

All of the piers, marine ways, and cribbings, visible on the photographs, within the area of this Survey have been identified on the field photographs.

10. DETAILS OFFSHORE FROM THE MEAN HIGH-WATER LINE:

Only a small amount of detail outside the foreshore area was revealed by photography. It includes several rock ledge areas, a few small islets, and a few rocks awash.

The character of the foreshore area has been indicated on the field photographs. The extent to which several prominent rocks uncover at mean High-Water or uncover at the time of field inspection with time and date, have been noted on the field photographs.

The heights of the islets above the plane of Mean High-Water have been noted.

11. LANDMARKS AND AIDS TO NAVIGATION:

No previously charted or desirable uncharted Landmarks, Fixed Aids, to Navigation, or charted floating aids to navigation fall within the limits of this Survey.

12. HYDROGRAPHIC CONTROL:

18 Recoverable Topographic Stations. *fm. 524*  
(Two of these are Tidal Bench marks)  
87 temporary Hydrographic Stations.

Descriptions have been furnished.

13. LANDING FIELDS AND AERONAUTICAL AIDS:

A portion of the United States Naval Air Auxiliary Facility, Bar Harbor, Maine, falls within the limits of the Survey.

There are no aeronautical aids within the limits of the Survey.



14. ROAD CLASSIFICATION:

In accordance with the Army War College Circular dated January 12, 1942, "Classification of Roads".

18. GEOGRAPHIC NAMES:

No investigation.



COMPILATION REPORT  
MAP DRAWING, SURVEY No. T-8577  
COAST OF MAINE  
VICINITY OF SKILLINGS RIVER AND JORDAN RIVER  
PROJECT No. CS-272-E

26. CONTROL:

The horizontal control shown on the Map Drawing for Survey No. T-8577 consists of sixteen stations. They are as follows:

Eleven within the detail limits:

<u>Name of Station</u>	<u>Established By</u>	<u>Type of Station</u>
EAST LAMOINE GREY CHURCH SPIRE, 1934 <i>d</i>	U.S.C. & G.S.	Triangulation (Inter-section)
(b) HODGKINS, D., HOUSE, EAST CHIMNEY, 1865	U.S.C. & G.S.	Triangulation "
(a)(b) LAMOINE BEACH BLACK STANDPIPE, 1934 <i>d</i>	U.S.C. & G.S.	Triangulation "
(a) MARLBORO, 1934 <i>dm</i>	U.S.C. & G.S.	Triangulation "
MARLBORO, OLD POINT BARN CUPOLA, 1934 <i>d</i>	U.S.C. & G.S.	Triangulation "
(a) MEADOW POINT, BRICK CHIMNEY WITH VENTILATOR, 1944 <i>d</i>	U.S.C. & G.S.	Topographic <i>fm. 524</i>
(a) TRENTON POINT, 1865 <i>dm</i>	U.S.C. & G.S.	Triangulation
BUNKER, 1865 <i>dm</i>	U.S.C. & G.S.	Triangulation
(a) EAST TRENTON TALL WHITE SPIRE, 1865 <i>d</i>	U.S.C. & G.S.	Triangulation (Inter-section)
TRENTON, MOUTH OF JORDAN RIVER CHURCH SPIRE, 1934 <i>d</i>	U.S.C. & G.S.	Triangulation (Inter-section)
(c) CRABTREE NECK BAPTIST CHURCH CHIMNEY, 1865 <i>nd</i>	U.S.C. & G.S.	Triangulation "

Five just outside the detail limits:

(d) HANCOCK POINT, STEEL TOWER, OLD WINDMILL, 1934	U.S.C. & G.S.	Triangulation
(a) HADLEY'S POINT, 1865	U.S.C. & G.S.	Triangulation
HADLEY'S POINT YELLOW CUPOLA, RED PEAKED ROOF, 1934	U.S.C. & G.S.	Triangulation (Inter-section)
(e) RICHARDS, 1865	U.S.C. & G.S.	Triangulation
(e) SAND'S POINT, 1865	U.S.C. & G.S.	Triangulation

(a) Station identified by a well defined picture point connected to station by a short traverse. The position of these substitute points have been shown on the Map Drawing with very small black acid ink circles, accompanied by the letters "F.I.P."

(b) Station lost, but identification of location for control of radial plot is positive. *Station removed from manuscript during review*

(c) Station identified in Compilation Office.

(d) Recovered but not identified.

*F.W. Stone*  
12/11/46



26. CONTROL: (Continued)

(e) No recovery in 1944.

Thirteen of the above sixteen horizontal control stations were identified on the field photographs and used to control the radial plot.

27. RADIAL PLOT:

The radial plot for the area of the Survey is part of a combined plot made with celluloid templets. Satisfactory results were obtained.

The facts concerning the radial plot for the area of this Survey have been fully brought out in the Radial Plot Report for the areas of Surveys Nos. T-8573 to T-8590 inclusive, T-8594 and T-8595 submitted June 5, 1945.

28. DETAILING:

The field data, horizontal control, and radially plotted control points available for the compilation of the Survey were adequate. The photographic coverage was inadequate due to insufficient side overlap, resulting in many of the detail points being determined by the intersection of only two radials, some of which were very slim angle intersections. However, it is believed that these points are all within the required limits of accuracy.

Only the area in the vicinity of the shoreline has been detailed.

Of two Tidal Bench Marks recovered and identified; namely, Lamoine Beach Naval Coaling Station Tidal Bench Marks Nos. 2 and 3, only Lamoine Beach Naval Coaling Station Tidal Bench Mark No. 3 has been shown on the Map Drawing. The other has not been shown because it is only about two inches away from Tidal Bench Mark No. 3.

29. MEAN HIGH-WATER LINE:

The Mean High-Water Line has been detailed in accordance with the field inspection data and shown with a continuous heavy-weight black acid ink line.

There are no marsh areas bordering the Mean High-Water Line within the limits of the Survey.

30. MEAN LOW-WATER LINE:

The approximate position of the Mean Low-Water Line was detailed in accordance with the field data and shown with a dotted black acid ink line. The Mean Low-Water Line has not been detailed along Jordan River, most of Skillings River and a part of Berry Cove because no field data were furnished and Compilation Office interpretation on the photographs was not possible.



31-A. FORESHORE AREA:

The foreshore areas shown on the Map Drawing consist of rock ledge, boulders, detached rocks, grass-in-water, mud, and sand and gravel beaches. The foreshore area has been detailed in accordance with the field data.

31-B. SHOAL LINES:

The approximate limits of shoal areas were detailed in accordance with the Compilation Office interpretation of the photographs and are for the advance information of the Hydrographic Parties only. Shown with a long dashed black acid ink line, accompanied by the note "Shoal".

31-C. REEF LINES:

The approximate outline of reef areas was detailed in accordance with the Compilation Office interpretation of the photographs and is for the advance information of the Hydrographic Parties only. Shown with a short dashed black acid ink line, accompanied by the note "Reef".

32. DETAILS OFFSHORE FROM THE MEAN HIGH-WATER LINE:

The offshore details include rock ledge, rocks, shoals, sunken reefs, and small islets. Except for the shoals and sunken reef areas, all of these details are shown in accordance with the field data.

33. WHARVES AND SHORELINE STRUCTURES:

Several piers, a marine way, and cribbings were shown in accordance with the field data.

35. HYDROGRAPHIC CONTROL:

- 1 Recoverable Topographic Station - Located by ground-survey methods.
- 16 Recoverable Topographic Stations - Position determined by radial plot.  
One of these is also a Tidal Bench Mark.
- 87 Temporary Hydrographic Stations - Position determined by radial plot.

A list of the descriptions of all of the hydrographic stations is attached to this Report.

Form No. 524 is being submitted for each of the seventeen recoverable topographic stations. One additional Form No. 524 is being submitted for Lamoine Beach Naval Coaling Station Tidal bench mark No. 2, which has not been shown on the Map Drawing because of its proximity to Lamoine Beach Naval Coaling Station Tidal Bench Mark No. 3.

36. LANDING FIELDS AND AERONAUTICAL AIDS:

A portion of the United States Naval Air Auxiliary facility, Bar Harbor, Maine, was shown on the Map Drawing in accordance with the Compilation Office interpretation of the photographs.

There are no charted aeronautical aids within the area of this Survey.

38. GEOGRAPHIC NAMES: 314 ✓

The geographic names shown on the Map Drawing were taken from Nautical Charts nos. 306 and 307 and from the United States Geological Survey Quadrangle Map for the Mount Desert, Maine, area.

39. JUNCTIONS:

The junctions with Map Drawings Nos. T-8578 to the north, T-8576 to the south, and T-8582 to the east have been made and are in good agreement.

The junctions with Map Drawings nos. T-8564 to the northwest, T-8583 to the southeast, and T-8565 to the west, are all undetailed interior areas.

40. POSITION ACCURACY OF IMPORTANT PLANIMETRIC DETAILS:

Believed to be within 0.5 m.m.

41. RECOMMENDATIONS FOR FUTURE SURVEYS:

Map Drawing, Survey No. T-8577, is complete with respect to all known details necessary for charting, except the charted features not definitely revealed by photography, which should be investigated during contemplated hydrography. These features have been noted in "Notes to Hydrographic Parties" attached to this report and also indicated on sections of Nautical Charts Nos. 306 and 307 attached to this report.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

United States Geological Survey, Mount Desert, Maine, Quadrangle, 15' series, scale 1:62,500, edition of 1942.

Details common to the Map Drawing and to the Quadrangle are, in general, in good agreement.

The minor differences in land features are mentioned in the accompanying "Notes to Reviewer", and offshore features for which detailing data were lacking are mentioned in the accompanying "Notes to Hydrographic Parties".

45. COMPARISON WITH NAUTICAL CHARTS:

Chart No. 306, scale 1:40,000, published at Washington, D. C., March 1944, corrected to April 7, 1945 (common area).

Chart No. 307, scale 1:40,000, published at Washington, D. C., August 1943, corrected to July 5, 1945 (common area).

Details common to the Map Drawing and to the charts are, in general, in good agreement.

The minor differences in land features are mentioned in the accompanying "Notes to Reviewer" and offshore features for which detailing data were lacking are mentioned in the accompanying "Notes to Hydrographic Parties".



Respectfully Submitted,  
September 13, 1945

Mildred M. Trautman  
Mildred M. Trautman,  
Photogrammetric Aid

Harry R. Rudolph  
Harry M. Rudolph,  
Photogrammetric Aid

and

Joseph Steinberg  
Joseph Steinberg,  
Photogrammetric Engineer

Approved and Forwarded:  
September 26, 1945

Fred. L. Peacock  
Fred. L. Peacock  
Chief of Party, U. & S. Survey  
Officer-in-Charge,  
Baltimore Photogrammetric Office

1944  
IDENTIFICATION REPORT

HORIZONTAL CONTROL  
MAP DRAWING, SURVEY No. T-8577  
Project No. CS-272

<u>Station</u>	<u>U.S.G.S. Quadrangle</u>	<u>recovery Date</u>	<u>Pricking Data</u>
EAST LAMONE GREY CHURCH SPIRE, 1934	Mt. Desert	9-7-44	* Doubtful
HODGKINS, D., HOUSE EAST CHIMNEY, 1865	Mt. Desert	**Lost <sup>see note page 1</sup> of descriptive report	
(a) LAMONE BEACH BLACK STANDPIPE, 1934	Mt. Desert	Lost	*** Positive
(a) MARLBORO, 1934	Mt. Desert	9-7-44	Positive
MARLBORO OLD POINT BARN CUPOLA, 1934	Mt. Desert	9-7-44	Positive
(a) MEADOW POINT BRICK CHIMNEY WITH VENTILATOR, 1944	Mt. Desert	9-27-44	****Positive
(c) MERCER'S A. HOUSE CHIMNEY, 1865	Mt. Desert	Lost	
(c) ONE-STORY WHITE HOUSE CHIMNEY, 1865	Mt. Desert	Lost	
(a) TRENTON POINT, 1865	Mt. Desert	9-7-44	Positive
(c) TRENTON POINT BAPTIST CHURCH SOUTH- WEST SPIRE, 1865	Mt. Desert	Lost	
(c) TRENTON POINT SCHOOLHOUSE <sup>Δ</sup> CUPOLA, 1865	Mt. Desert	Lost	
(a) BUNKER, 1865	Mt. Desert	11-14-44	Positive
(a) EAST TRENTON, TALL WHITE SPIRE TRENTON MOUTH OF JORDAN RIVER CHURCH SPIRE, 1934	Mt. Desert	11-14-44	Positive
(b) HANCOCK POINT, STEEL TOWER OLD WINDMILL, 1934	Bar Harbor	9-8-44	****Not Pricked
(b)(a) HADLEY'S POINT, 1865	Mt. Desert	9-6-44	Positive
HADLEY'S POINT YELLOW CUPOLA RED PEAKED ROOF, 1934	Mt. Desert	9-6-44	Positive
(b)(c) RICHARDS, 1865	Mt. Desert	Not found	
(b)(c) SAND'S POINT, 1865	Mt. Desert	Not found	
***** CRABTREE NECK BAPTIST CHURCH CHIMNEY	Mt. Desert		

\* Pricked within two meters.

\*\* Pricking positive.

\*\*\* Pricking of F.I.P. Positive.

\*\*\*\* New Station

\*\*\*\*\* Station close by picked. Difficult to run to F.I.P.

\*\*\*\*\* Identified in Compilation Office and held to in Radial Plot.

(a) Identified by a well defined picture point connected to the station by a short traverse. The position of substitute point has been shown on the Map Drawing with a very small black acid ink circle, accompanied by the letters "F.I.P."

(b) Station lies just outside the limits of the Map Drawing.

(c) Not used to control radial plot.

NOTES  
FOR  
REVIEWER

COAST OF MAINE  
MAP DRAWING, SURVEY No. T-8577  
Project No. CS-272-E

All details have been shown with the usual symbols.

The small blue ink circles are the positions of well-defined picture points determined by the radial plot and considered very strong. The small green ink circles are the positions of well-defined picture points determined by the intersection of only two radials or three or more slim angle radials and are considered weak.

The large blue ink circles are the strong positions of photograph centers determined by the radial plot.

The  $2\frac{1}{2}$  millimeter black acid ink circles are the positions of the Recoverable Topographic Stations and the Temporary Hydrographic Stations. Such circles, accompanied by a name and date (1944), are the positions of Recoverable Topographic Stations determined by ground survey methods or by the radial plot. All other such circles are the positions of the Temporary Hydrographic Stations located by the radial plot.

The very small black acid ink circles are the positions of well-defined picture points identified and located by ground survey methods by the Field Unit to substitute for horizontal control stations in controlling the radial plot. These circles are accompanied by the letters "F.I.P".

The photographs contain no appreciable tilt or differential distortion.

The scales of the photographs and the Map Drawing were in fair agreement.

Four tidal bench marks fall within the limits of the Survey. They are Lamoine Beach Naval Coaling Station Tidal Bench Marks 2, 3, 4, and 5. Tidal Bench Marks Nos. 4 and 5 were recovered but not identified. Tidal Bench Marks Nos. 2 and 3 were recovered and both identified in the same location because they lie only about two inches apart. The Compilation Office has shown Tidal Bench Mark Nos 3 on the Map Drawing.

The following disagreements between the Map Drawing and the United States Geological Survey Quadrangle Map and the U. S. Coast and Geodetic Survey Nautical Charts were found:

United States Geological Survey Mount Desert, Maine, Quadrangle, 15' series, scale 1:62,500, edition of 1942 (common area):

Offshore rocks and rock ledge areas shown on the Map Drawing do not appear on the Quadrangle.



More drainage has been shown on the Map Drawing along Jordan River than appears on the Quadrangle.

Five Bench Marks appearing on the Quadrangle have not been shown on the Map Drawing because no data were available.

U. S. Coast and Geodetic Survey Charts Nos. 306 and 307:

Several streams in the vicinity of Berry Cove, Eastern bay, and Skillings River, two rocks awash just south of Mosely's Point, one rock awash northeast of Meadow Point, a rock awash just northwest of Shooting Ledge, a rock awash near the mouth of Jordan River and a rock awash southwest of Meadow Point appear on the charts but have not been shown on the Map Drawing because no data were available.

All buildings, several roads along both shores of Skillings River and the western shore of Jordan River, several rocks awash in Jordan River, two rocks awash in Raccoon Cove and two rocks awash at Peaks Point are shown on the Map Drawing which have not been charted.

Charted rock ledge along both shores of Jordan river near its mouth have been shown on the Map Drawing as Sand, gravel and boulders in accordance with the field data.

Respectfully Submitted:  
September 13, 1945

Mildred M. Trautman  
Mildred M. Trautman,  
Photogrammetric Aid

and

Harry R. Rudolph  
Harry R. Rudolph,  
Photogrammetric Aid

Approved  
September 26, 1945

Fred. L. Peacock  
Fred. L. Peacock  
Chief of Party, C. & G. Survey  
Officer-in-charge,  
Baltimore Photogrammetric Office

Respectfully Submitted,  
September 13, 1945

Mildred M. Trautman  
Mildred M. Trautman,  
Photogrammetric Aid

and

Harry R. Rudolph  
Harry R. Rudolph,  
Photogrammetric Aid

Approved:  
September 28, 1945

Fred. L. Peacock  
Fred. L. Peacock  
Chief of Party, C. & G. Survey  
Officer-in-Charge,  
Baltimore Photogrammetric Office

Division of Photogrammetry

Review Report of

Shoreline Survey, Manuscript No. T-8577

Paragraph numbers used in this review refer to paragraph numbers in the descriptive report.

26. Control.-

Two stations, Lamoine Beach Black Standpipe, 1934 and Hodgkins, D., House, East Chimney, 1865, were removed from the manuscript during review because field inspection showed that these stations were lost.

28 to 32. Compilation.-

The shoreline and planimetry shown on the map manuscript are complete and in accordance with project instructions and no <sup>significant</sup> changes were necessary during the review.

44. Comparison with Existing Topographic Quadrangles.-

This survey supersedes the following older surveys in common areas:

T-1522	1:10,000	1879-80
T-1487	1:10,000	1879

Bar Harbor Quadrangle (Hancock County) Maine,  
15' series, 1:62,500, edition of 1942.

Comparison has been made between this sheet and the Bar Harbor Quadrangle and good agreement exists in all common areas.

Mount Desert Quadrangle (Hancock County) Maine,  
15' series, 1:62,500, edition of 1942.

Except for the discrepancies noted below and under "Notes for Reviewer" in the descriptive report, there is good agreement between T-8577 and this quadrangle.

The U. S. Naval Air Auxiliary Facility, Bar Harbor, Maine (sheet T-8577) is called Bar Harbor Airport on the quadrangle.

A large barrow pit shown on the manuscript does not appear on the quadrangle.

No bluffs are indicated on the quadrangle.

The Marine Laboratory at Lamoine Beach shown on the quadrangle is not identified on the manuscript.

45. Comparison with Nautical Charts.-

This sheet was compared with the following nautical charts: No. 306 and No. 307, both corrected to 1945 and published at a scale of 1:40,000.

This manuscript was applied in part to charts 306 and 1202 prior to this review. No changes have been made during the review which affect the charts.

Reviewed by:

Reviewed under direction of:

Howard P. Thune      S. V. Griffin      12/46  
Photogrammetrist 12/23/46      Chief, Review Section

APPROVED BY:

P. A. Jones  
Technical Assistant to the  
Chief, Div. of Photogrammetry

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

K. T. Adams  
Chief, Div. of Photogrammetry

C. K. Green  
Chief, Div. of Coastal Surveys

GEOGRAPHIC NAMES

Appearing on U. S. C. & G. S. Nautical Chart No. 306, U. S. C. & G. S. Nautical Chart No. 307, and United States Geological/Mt. Desert Quadrangle. Survey

- ✓ • Berry Cove
- ✓ • Clam Ledge
- ✓ • Eastern Bay
- ✓ • East Lamoine
- ✓ • Gogins Ledge
- ✓ • Jordan River
- ✓ • Lamoine
- ✓ • Lamoine Beach
- ✓ • Meadow Point
- ✓ • Mosely Point
- ✓ • Old Point = 2: one w. entrance Skillings R. other w. of Berry Cove
- ✓ • Pecks Point
- ✓ • Partridge Cove
- ✓ • Raccoon Cove
- ✓ • Skillings River
- ✓ • Timber Point
- ✓ • Timber Cove

In addition, names appearing only on Chart No. 306.

- ✓ • Shooting Ledge

In addition, names appearing only on United States Geological Survey Mt. Desert Quadrangle.

- ✓ • Krippens Brook
- ✓ • Marlboro
- ✓ • Marlboro Beach
- ✓ • Stony Brook

- ✓ • Crabtree Neck
- ✓ • State 204
- ✓ • - 184
- ✓ • - 3

Names preceded by ✓ are approved.  
h. Heck  
9/17/47

For name of airport on S. edge of sheet, see T-8576

GEOGRAPHIC NAMES

• BAR HARBOR AIRPORT

COAST OF MAINE  
PROJECT No. CS-272-E

DESCRIPTIONS OF THE RECOVERABLE TOPOGRAPHIC  
STATIONS AND TEMPORARY HYDROGRAPHIC STATIONS FOR  
THE AREA OF MAP DRAWING, SURVEY No. T-8577

NUMBER OF RECOVERABLE TOPOGRAPHIC STATIONS.....	18
NUMBER OF TEMPORARY HYDROGRAPHIC STATIONS.....	<u>87</u>
TOTAL NUMBER OF STATIONS	105

Listed By: Mildred M. Trautman  
Mildred M. Trautman,  
Photogrammetric Aid

Checked By: Harry R. Rudolph  
Harry R. Rudolph,  
Photogrammetric Aid



- 50 · 35' evergreen 8 m. in from Mean High-Water Line, south 5 m. from Mean Low-Water Line S.E.
- 51 · "KICK" - Station is a bronze disc stamped "KICK, 1945", cemented in a drill hole, center of a 8' gray, largest, boulder in vicinity on shore. Station about 1/4 mile west of "OLD POINT" and 4 m. offshore from Mean High-Water Line. Boulder is 10 m. off grass line. (Recoverable Topographic Station).
- 52 · Top of a 6' diameter, white top boulder. Boulder is 21 m. outside the Mean High-Water Line on small point. Boulder has three prominent sharp corners on it.
- 53 · 35' evergreen at top of bluff. Tree has three distinct large branches growing from trunk.
- 54 · 20' spruce tree with two large branches growing out of trunk about 6' from base of tree. Branch which extends straight upwards is broken off at top. Spruce tree is on shore line and leans to the west at an angle of about 45°.
- ✓ 55 · <sup>Red Chimney</sup> "RED CHIMNEY, MOUTH OF JORDAN RIVER" - Station is the top of a red chimney on yellow weatherboard house. One window on S.W. end of house. Large bay window and door on S.W. end of house overlooking beach. A dead, three-branched, birch tree in front of house. Growing on side of bank. Station is located on the eastern shore of Jordan River approximately one mile northwest of "OLD POINT" and about 15 m. inshore from the Mean High-Water Line. (Recoverable Topographic Station).
- 56 · N.W. gable of log cabin on top of 40' bluff overlooking river. Cabin is about 30' long and 15' wide.
- 57 · Top of 6' wide, 15' long and about 12' high boulder. 4 m. from grass line. Largest boulder in vicinity.
- 58 · 6' diameter round white top boulder. Lays south about 10' from bunch of small round boulders. About 30' from shoreline.
- 59 · "GLAD" - Station is a bronze disc stamped "GLAD, 1945" cemented in a drill hole. Top of a large, white topped, boulder on the shoreline at Mean High-Water Line. Largest boulder in vicinity. Station is located on eastern shore of Jordan River approximately one and one half mile northwest of "OLD POINT". (Recoverable Topographic Station).
- 60 · Northwest corner of old tar-papered fish shack on shoreline.
- 61 · Top of very large boulder about 2 m. off shoreline at mouth of dry wash gully. Boulder has sharp edge at base on southwest side.
- 62 · Base of large 40' evergreen about 3 m. in from grass line. Several large ledges off from shore on west side. A 20' diameter patch of clam shells 30' to the southwest of tree.



- 63 . Base of 35' spruce tree on shoreline. Tree is southwest of large sloping field.
- 64 . Base of twin topped pine setting in little clearing. Pine tree is situated between birch trees growing on side of banking running down to shoreline and fence.
- 65 . Base of 50' evergreen tree 20' back from shoreline. This tree is the southerly of two tall trees. The northerly tree is 100 yards from the other.
- 66 . Base of 30' evergreen tree southwest of small gully running from woods. An old broken wooden fence about 50' south of this tree. Base of tree blazed with knife.
- 67 . Northwesterly of group of evergreens growing about 25' high and has small apple tree 40' to the north of it. A 20' bluff running along shore starting 15' to the north of this tree.
- 68 . Base of southerly of two 50' evergreens in west corner of pasture.
- 69 . Base of large bushy evergreen tree about 30' high at edge of banking. Tree is to the south of an old broken down fence in the eastern corner of the field.
- 70 . <sup>Chimney</sup> "CHIMNEY, JORDAN RIVER" - Station is the south brick chimney of a <sup>white</sup> grey house that has a small section attached to it on the north side. Barn to the east and across highway from house. Barn ~~unpainted~~. <sup>red</sup> Station is one half mile west of the upper reaches of the "JORDAN RIVER". (Recoverable Topographic Station).
- 71 . Base of large lone evergreen tree that sets back on shore 200'. Tree is about 60' high.
- 72 . Lone 50' evergreen in westerly end of field about 40' from shoreline.
- 73 . Lone 50' evergreen almost on shoreline at base of 20' banking running down from north end of field. Large rock about 200' to the east of tree. That is about 40' from shoreline.
- 74 . "GLUE" - Station is a bronze disc stamped "GLUE, 1945" cemented in a drill hole on top of a large flat boulder, set 1' southeast from northwest corner. There is another large flat boulder leaning against southeast side of boulder holding station. Station is on western bank of "JORDAN RIVER", approximately 320 m. east of the mouth of SPONY BROOK, 9 m. offshore from Mean High-Water Line. (Recoverable Topographic Station).
- 75 . Top of round 6' boulder on southerly tip of banking on easterly side of small cove. Group of small birch trees on small knoll to the north of boulder.



- 76 Lone evergreen tree 6' from shoreline. Tree growing in midst of birch trees. Evergreen back about 40' from ledges pointing out towards the east. Point runs down from open field.
- 77 Twin evergreen growing 6' from rocky shoreline. Two branches growing from base of tree. Small bunch of 5' bushes growing on both sides of tree. Small banking to the west of tree.
- 78 Base of 40' evergreen tree with crooked trunk that is on south side of small stream running from mainland. Tree is almost on mean High-Water Line.
- 79 Base of tall 60' evergreen tree on the shoreline. 12' bank just to the west of tree. Small point of grass pointing eastward at east side of tree.
- 80 Southeast gable of unpainted boathouse setting on shoreline. House has tar-papered roof and window in roof.
- 81 Top of chimney on white house with green trimmings. Small pier with fish shack unpainted on it. Just off of ledge running from front of house.
- 109 Base of 40' evergreen 50' northeast of small brook running down to shore. Evergreen tree is 10 m. in from Mean High-Water Line.
- 110 Base of 55' pine tree growing on south side of small brook running out of the banking at head of inlet. This tree is growing in among a bunch of birch trees.
- 111 Top white part of a large yellow-brown boulder. Boulder is 44 m. out from Mean High-Water Line. There is a smaller boulder 3 m. northwest of this large boulder. The large boulder has a diameter of 12' and is about 20' long and 12' high.
- 112 "SPIKE" - Station is an iron spike driven in a 4' diameter grey boulder. Boulder is 4 m. offshore from Mean High-Water Line and is the only large boulder in vicinity. Boulder has 12 iron spikes in a line east and west and the 6th spike from the western end is the station. Station is in the immediate vicinity of the U. S. Naval Air Auxiliary Facility located on the west shore of the mouth of the JORDAN RIVER. (Recoverable Topographic Station).
- ✓ 2022 "STONE CHIMNEY" - Station is a stone chimney <sup>white</sup> with flat stone corner <sup>centered</sup> on a one and a half story weatherboard ~~river~~ painted summer cottage with a reddish brown tar-paper roof. Station is on eastern shore of "Skillings River" just northeast of "Clan Ledge" near mouth of river. (Recoverable Topographic Station). Elevation 40'
- 2023 Evergreen.
- 2024 Evergreen.
- 2025 Evergreen.

- 2026 ✓ "BRICK CHIMNEY" - Station is large brick chimney on house. Station on eastern shore of "SKILLINGS RIVER" approximately 280 meters northeast of "Pecks Point". (Recoverable Topographic Station).
- 2027 · Evergreen.
- 2028 · Evergreen.
- 2029 · Brick chimney, house near water.
- 2042 · Evergreen.
- 2043 · Evergreen.
- 2107 · Evergreen.
- 2108 · Evergreen.
- 2109 · Tall evergreen.
- 2110 · Tall evergreen.
- 2111 · Evergreen.
- 2134 · Evergreen.
- 2135 · Evergreen.
- 2136 · Evergreen.
- 2137 · Evergreen.
- 2138 · Evergreen.
- 2139 · Evergreen.
- 2140 · East gable of house.
- 2141 · Evergreen.
- 2142 · Northeast gable of shack.
- 2143 · Evergreen.
- 2144 · Large stone chimney northeast side of house.
- 2199 · East gable boathouse.
- 2200 · Stone chimney at east gable of house.
- 2201 · Evergreen.
- 2202 · East gable of small shack.



2203 . Evergreen.

2204 . Evergreen.

2205 . Evergreen.

2206 . Evergreen.

2207 . Evergreen.

2208 . Evergreen.

2209 . Evergreen.

2210 . Evergreen.

2211 . Evergreen.

2212 . Evergreen.

2213 . Evergreen.

2214 . Evergreen.

2215 . Evergreen.

2216 . Evergreen.

2217 . Evergreen.

2218 . Evergreen.

2219 . <sup>Chimney</sup> "MEADOW POINT BRICK CHIMNEY WITH VENTILATOR" - Station is the large brick chimney at the southeast corner of the shingle summer cottage belonging to Dr. Edward Young of Boston, located on Meadow Point on the west side of "SKILLINGS RIVER". Station is 30 meters north of top of bank, 15 meters west of top of bank, and 3 meters west of southeast corner. Chimney extends to ground and sets on part of house foundation. It now has a galvanized iron Liverpool head which is removed in the winter time. (Recoverable Topographic Station).

2220 . South gable of house.

2221 . Southeast gable of northeast boathouse.

2222 . "STONE CHIMNEY" - Station is a light-colored stone chimney on the south side of a low one-story house. The chimney has a small stove pipe extending on top of it. It is approximately two feet square. The house and roof are covered with unpainted shingles. The house is built in two sections. The east section ridge running north and south and the west section ridge running east and west. The chimney stands where the two sections join. Station is approximately 55 m. in from north shore of "EASTERN BAY" at "LAMOINE BEACH". (Recoverable Topographic Station).



- 2223 . Evergreen.
- 2224 . Stone chimney northeast gable of house.
- 2225 . Evergreen.
- ✓ 2226 . <sup>Red Chimney</sup> "LONE RED CHIMNEY" - Station is a tall, very conspicuous, lone red chimney on large two-story white house with 11 windows on west side and double doors at entrance. The roof ridge on which the chimney stands runs north and south and the ridge of the east section runs east and west. The house stands at inshore end of large "L" shaped pier which was a coaling station in World War I at "LAMOINE BEACH". (Recoverable Topographic Station).
- 2227 . Evergreen.
- 2228 . Evergreen.
- 2229 . <sup>Brick Red Chimney</sup> "RED BRICK CHIMNEY" - Station is a lone red brick chimney on a one-story white cottage trimmed in green with green roof. Has glassed-in front porch. Gable of roof runs north and south. Station is on northeast shore of "BERRY COVE" at "EAST LAMOINE". (Recoverable Topographic Station).
- 2230 . Brick chimney near center of house.
- 2231 . Evergreen.
- 2232 . Peak of small red shack.
- 2233 . Large evergreen.
- 2234 . "PEAK OF ROOF" - Station is the peak of a one-story grey shingled house. The front of the house has a door in the center and a window on each side. The house has an open porch on three sides and a small shed attached to the back, on wood pilings. The roof is square and peaked in the center and covered with tar paper. The house sets on a bluff about 20' above the Mean High-Water Line. Station is on west shore of "BERRY COVE" approximately 735 m. north of "OLD POINT". (Recoverable Topographic Station).
- 2235 . Evergreen.
- 2236 . Evergreen.
- ✓ 2461 . <sup>Northeast Gable</sup> "NORTHEAST GABLE WHITE HOUSE" - Station is the northeast gable of white clap-board house with shingled roof. House has two stories and a small section on the northeast end. Station is the northeast gable of the higher section and approximately one-half mile west of "Partridge Cove". (Recoverable Topographic Station).

House has been covered with green asphaltic shingles.



*Painted chimney*  
2581 ✓ "WHITE PAINTED BRICK CHIMNEY" - Station is the white painted brick chimney on northwest gable of the main house. House is natural wood shingles with green shutters and white trim. Station is approximately 1,235 meters southeast of "PECKS POINT", approximately 130 meters east of the eastern shore of "SKILLINGS RIVER". (*Recoverable Topo Sta*)

*Southerly Gable*  
2598 "SOUTHERLY GABLE, ONE-STORY BUILDING" - Station is the southerly gable of one-story building which used to be a schoolhouse. Has large double sliding doors at southern end with one window. Has three windows on each side. Has red brick chimney at north gable. Station is approximately 280 meters west of upper reaches of "RACCOON COVE". (*Recoverable Topographic Station*).

"LAMOINE BEACH NAVAL COALING STATION TIDAL BENCH MARK No. 3, (1908)" - Bench Mark No. 3 (1908) is the top of an iron bolt about two inches from Bench Mark No. 2. Elevation: 11.57 feet above Mean Low-Water; 6.32 feet above half tide level; 1.07 feet above Mean High-Water. (*Recoverable Topographic Station*).

"LAMOINE BEACH NAVAL COALING STATION TIDAL BENCH MARK NO. 2" - This Bench Mark established by the U. S. Navy Department and known as Simpson's Bench Mark is a cross cut on top of a copper bolt sunk flush with the surface so a large stone near high-water mark and about 205 feet eastward from the northeast corner of a coal shed. In 1911 the copper bolt was recovered but without head and no cross. Elevation: 11.35 feet above Mean Low-Water. 6.10 feet above half tide level; 0.85 feet above Mean High-Water. Not shown on Map Drawing because of the proximity to Lamoine Beach Naval Coaling Station Tidal Bench Mark No. 3. (*Recoverable Topographic Station*).



