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
(Shorelines)
Field No.: CS-272-E Office No.: T-8589

LOCALITY
State: Maine
General locality: Frenchman Bay
Locality: Flanders Bay, Gouldsboro Harbor

1944-45
CHIEF OF PARTY
D.E. Sturman

LIBRARY & ARCHIVES
DATE: June 29 - 1949
Actively applied to chart 305 - 9-3-53
applied to account 305 - 1/8/58 - 97W
Quadrangle (II):

Field Office:

Compilation Office:

Chief of Party:

Chief of Party:

Compensation:

Instructions dated (II III):

July 10, 1943 (Horizontal control requirements)

March 18, April 11 & July 17, 1944 (Supplemental)

August 10, 1944 (Additional) - August 28, 1944 (Amendment to Additional Instructions)

Completed survey received in office:

Reported to Nautical Chart Section:

Reviewed:

Applied to chart No.

Date:

Redrafting Completed:

Registered:

Compilation Scale:

Scale Factor (III):

Geographic Datum (III):

Datum Plane (III):

Reference Station (III):

Lat.: 44° 29' 15.940" 584.6 m.Long.: 89° 02' 12.026" 285.7 m.Adjusted

State Plane Coordinates (VI):

X =

Y =

Military Grid Zone (VI)
## PHOTOGRAPHS (III)

(Unmounted) - Single Lens Ratio Prints

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
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<tr>
<td>44-C-851 to</td>
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<td>44-C-855, Incl.</td>
<td>5-16-44</td>
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</table>

Tide from (III), Predicted Tide Tables, Atlantic Ocean, 1944. Reference Station: EASTPORT, MAINE, with corrections to JETTEAU POINT and to EASTERN POINT HARBOR.

Mean Range: 10.8' (Jetteau Point)  
Spring Range: 12.3' (Jetteau Point)

10.5' (Eastern Point Harbor)  
12.0' (Eastern Point Harbor)

Cameras: (Kind or source) U.S. Coast & Geodetic Survey Wide Angle Single Lens Camera. Type "C", Focal length 6". All negatives are on file in the Washington Office.

Field Inspection by:  
Lieut. Dale R. Sturmer  
date; October & November, 1944, and July 1945.

Field Edit by: None  
date: 

Date of Mean High-Water Line Location (III); As of the photographs taken on May 16, 1944, supplemented by the field date obtained during October and November 1944, and July 1945.

Projection and Grids ruled by (III) S.R.  
" " " checked by: S.R.  
date: 3-26-45  
date: 3-26-45

Control plotted by: H. R. Rudolph  
date: 4-3-45

Control checked by: A. L. Goncharey  
date: 4-4-45

Radial Plot by: W.E. Schmidt & H. R. Rudolph  
date: April 1945

Detailed by: Ruth M. Whitson  
(Shoreline and immediate adjacent culture).  
Reviewed in compilation office by: Raymond Glaser  

Elevations on Field/or Sheet checked by: 

Manuscript
STATISTICS (III)

Land Area (Sq. Statute Miles): 60

Shoreline (More than 200 meters to opposite shore); 22 Statute Miles.
Shoreline (Less than 200 meters to opposite shore); 10 Statute Miles. Measured along centerline of streams.

Photo Number of Recoverable/Topographic Stations established: 8
Photo (Topographic) Number of Temporary/Hydrographic Stations located by radial plot: 78

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:
1. DESCRIPTION OF THE AREA:

According to Instructions, dated August 10, 1944, the Survey for
Map Manuscript, Survey No. T-8589, is a shoreline survey and covers an area
of Flanders Bay and Gouldsboro Harbor.

The terrain immediately adjacent to the Mean High-Water Line is,
in general, rocky. The foreshore area is commonly ledge rock with stretches
of mud, sand, gravel, boulders, and grass-in-water.

The interior is hilly and mostly tree covered, with the elevation
rising from sea level to a maximum of 275 feet. Several large ponds and
low ground areas lie within the limits of this survey.

2. COMPLETENESS OF FIELD INSPECTION:

The identification of the horizontal control, Mean High-Water Line,
foreshore and offshore features are complete except for offlying shoal and
sunken reef areas not discernible on the photographs. The approximate Mean
Low-Water Line in the area of Gouldsboro Harbor and Grand Marsh Bay has not
been identified on the field photographs. (See Side Heading No. 8, Mean
Low-Water Line). The charting data for Mean Low-Water Line should become
available during any future hydrographic survey.

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:

Two Horizontal Control Stations within the area of Survey No. T-8589
could not be found. The Horizontal Stations not recovered were "CROMER, 1881"
and "GOULDSBOROUGH TWO STORY WHITE HOUSE, EAST CHIMNEY, 1881".

Form No. 826, Recovery Note, has been submitted for each of the
Horizontal Control Stations within the area of the Survey.
Copy filed in Div. Photogrammetry General Files.

No new Horizontal Control Stations were established within the area
of this Survey.
5. **VERTICAL CONTROL:**

No vertical control was recovered or identified within the area of this Survey.

6. **DRAINAGE:**

Drainage was not 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 point.

Alongshore rocks, offshore rocks, and islets above the plane of Mean High-Water, revealed by photography, have been identified on the field photographs with the elevation 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 from Bunker Cove to Jones Cove and including the area south, east and west of Hog Island, have been identified on the field photographs. The Mean Low-Water Line in the area of Gouldsboro Harbor and Grand Marsh Bay has not been identified on the field photographs.

The identification of the Mean Low-Water Line on the field photographs is very close to its true position, but is to be considered approximate.

9. **WHARVES AND SHORELINE STRUCTURES:**

All piers and other shoreline structures 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:**

Details outside the foreshore area, revealed by photography, include several rocks and rock ledge areas that uncover at Mean Low-Water or bare at Mean High-Water, grass-in-water areas, small rocky islets, large mud, sand and gravel areas, also several gravel, boulder, and ledge areas, and a fish trap.

The character of the foreshore area has been indicated on the field photographs. The extent to which several prominent rocks bare or uncover at
10. DETAILS OFFSHORE FROM THE MEAN HIGH-WATER LINE: (Cont’d.)

Mean Low-Water has been noted on the photographs (field). The height of each of the small islets above Mean High-Water has also been noted.

11. LANDMARKS AND AIDS TO NAVIGATION:

There are no Landmarks or Aids to Navigation within the limits of the Survey.

12. HYDROGRAPHIC CONTROL:

8 Recoverable Photo (Topographic) Stations. 524 cards on file in
78 Temporary Photo (Topographic) Stations. Div. Photogrammetry
General Files.

Descriptions have been furnished.

14. ROAD CLASSIFICATION:

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

18. GEOGRAPHIC NAMES: 𓆋

No investigation.
COMPILATION OFFICE  
MAP MANUSCRIPT, SURVEY No. T-8589  

COAST OF MAINE  
FLANDERS BAY, GOULDSBORO HARBOR  
Project No. GS-272

26. CONTROL:

The horizontal control in the area of the Map Manuscript for Survey No. T-8589 consists of eleven (11) stations. They are as follows:

Four Horizontal Control Stations falling within the limits of the Map Manuscript:

<table>
<thead>
<tr>
<th>Name of Station</th>
<th>Type of Station</th>
</tr>
</thead>
<tbody>
<tr>
<td>× c. CROMER, 1861</td>
<td>Triangulation</td>
</tr>
<tr>
<td>√ a. CROMER 2, 1934, r. 1944</td>
<td>Triangulation</td>
</tr>
<tr>
<td>√ a. HOVEY 1860, r. 1934, r. 1944</td>
<td>Triangulation</td>
</tr>
<tr>
<td>b. SQUARE HOUSE, SOUTH CHIMNEY, 1860</td>
<td>Triangulation</td>
</tr>
</tbody>
</table>

Seven Horizontal Control Stations falling just outside the limits of the Map Manuscript:

a. BRIG, 1945 (d)       | Theodolite         |
se. HUMP, 1944 (d)     | Theodolite         |
ab. GOULDSBOROUGH BAY, HEAD OF, W. CHY. OF HOUSE, 1861 | Triangulation |
a. MOR, 1944 (d)       | Theodolite         |
b. SMALL WHITE HOUSE WITH DARK ROOF, CHY. 1860 | Triangulation |
a. STAVE, 1944 (d)     | Theodolite         |

a. Identified by a well-defined Substitute Station. The positions of these substitute stations have been shown on the Map Manuscript with very small black ink circles, accompanied by the note "Sub. Sta." removed from manuscript by reviewer.

b. Station identification doubtful.

c. No recovery in 1944.

e. Only sub station shown on Map Manuscript.
27. **RADIAL PLOT:**

The radial plot for the area of the Survey is part of a combined plot made with celluloid templates. Satisfactory results were obtained. See Radial Plot Report for Surveys Nos. T-8573 to T-8580, inclusive, T-8594 and T-8595, submitted June 5, 1945. File in Div. Photogrammetry General Files.

During the 1945 field inspection season, several new Theodolite Stations were established in the area of Project CS-272-2. Two of these new Theodolite Stations namely; "NICK, 1945" and "BRIG, 1945", are just east of the detail limits of Survey No. T-8589. These two stations were plotted on the margin of the Map Manuscript for Survey No. T-8589. A new radial plot for the areas of Surveys Nos. T-8589 and T-8598 was then run. The two new Theodolite Stations were "held to" in this Radial Plot.

After a few minor adjustments in the positions of some of the photograph centers and pass points on the eastern side of the surveys, it was found that Triangulation Stations GOLDSBOROUGH BAY, HEAD OF, WEST CHIMNEY OF HOUSE 1861, (Doubtful Recovery in 1944), and ROGERS POINT, WEST CHIMNEY OF HOUSE 1861, (Doubtful Recovery in 1944), could be "held to" either tangent or better.

28. **DETAILING:**

The horizontal (control) stations and horizontal pass points available for the compilation of this survey were adequate. The field data and the photographic coverage, however, were not adequate.

No field data were available for delineating the entire area of Jones Pond, Forbes Pond, Chicken Mill Pond, all drainage, several marsh and swamp areas, a probable dam, a small bridge, and the approximate Mean Low-Water Line in Grand Marsh Bay and Gouldsboro Harbor. Delineation of these features was made after careful office interpretation of the photographs.

The photographic coverage in the area of Jones Pond and Jones Cove and the western shore of Gouldsboro Harbor 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 small 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 was delineated, with the exception of Hog Island, the detail of which has been shown in its entirety.

30. **MEAN HIGH-WATER LINE:**

The Mean High-Water Line bordering along firm ground has been delineated in accordance with the field data. The shoreline bordering Jones Pond, several
30. **MEAN HIGH WATER LINE:** (Cont’d.)

Small islets in Jones Pond, Forbes Pond, several streams feeding Forbes Pond, Chicken Hill Pond, and several small streams to the north of Gouldsboro Harbor, have been delineated in accordance with the interpretation of the photographs by the Compilation Office. The Mean High-Water Line is shown with a continuous heavy-weight black acid ink line.

The outer limits of marsh areas bordering along the Mean High-Water Line have been delineated in accordance with the field inspection data, and shown on the Map Manuscript with a full light-weight black acid ink line, except to the south of Grand Marsh Bay where the field data has indicated that the marsh line is very indefinite, and only the marsh and grass-in-water symbols are shown.

31. **MEAN LOW-WATER LINE:**

The approximate position of the Mean Low-Water Line was delineated in accordance with the field data and is shown with a dotted black acid ink line. The Mean Low-Water Line in Grand Marsh Bay and Gouldsboro Harbor was not shown because no field data were furnished the Compilation Office. Where the definite position of the Mean Low-Water Line was identified, it was shown with a light-weight dash and dot black acid ink line.

31-A. **FORESHORE AREAS:**

The foreshore areas shown consist of rock ledge, boulders, detached rocks, mud, gravel, sand, shells, marsh, and grass-in-water. Delineated in accordance with field data and with careful interpretation of the photographs by the Compilation Office.

31-B. **SHOAL LINES:**

The approximate outline of shoal areas was delineated in accordance with the Compilation Office interpretation of the photographs and is for the advance information of the Hydrographic Parties only. Shown with a long dash black acid ink line, accompanied by the note "Shoal." See review report.

31-C. **REEF LINES:**

The approximate outline of reef areas was delineated 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".

The note "Reef" was incorrectly removed from manuscript and "Shoal Area" substituted.
31-D. **MUD LINES:**

The approximate outline of mud areas was delineated in accordance with the Compilation Office interpretation of the photographs and is for the advance information of the Hydrographic Parties only. Shown with a dotted black acid ink line, accompanied by the note "Approximate Mud Line".

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

The offshore details include rock ledge, boulders, rocks, shoals, sunken reefs, mud areas, a fish trap, and several islets, which have been shown in accordance with the field data and the interpretation of the photographs by the Compilation Office.

33. **WHARVES AND SHORELINE STRUCTURES:**

Several piers, cribbings, a stone dike, and a deteriorated earth and stone dike have been shown in accordance with the field data, accompanied by descriptive notes.

35. **HYDROGRAPHIC CONTROL:**

8 Recoverable Photo (Topographic) Stations - Located by radial plot.
78 Temporary Photo (Topographic) Stations - Located by radial plot.

A list of their descriptions is attached to this Report. Form No. 524 has been submitted for the eight Recoverable Photo (Topographic) Stations. Div. Photogrammetry General Files.

37. **BRIDGES:**

One very small bridge has been shown at the north-western end of Gouldsboro Harbor above Gouldsboro. A structure has been delineated as a dam across a stream at the northern end of Gouldsboro Harbor at Chicken Mill Pond, according to the interpretation of the photographs by the Compilation Office.

38. **GEOGRAPHIC NAMES:**

Taken from Nautical Charts Nos. 305 and 306 and the Bar Harbor, Maine, U. S. Geological Survey Quadrangle Map.

A list of the Geographic Names is attached to this Report. Approved by L. Heck, Geographic Names Section, Div. Charts.
39. JUNCTIONS:

The junctions with Map Manuscript, Surveys Nos. T-8583 and T-8582 to the west and Survey No. T-8588 to the south have been made and are in agreement.

The junction with Map Manuscript, Survey No. T-8590 to the north is an undetailed interior area.

The junction with Map Manuscript, Survey No. T-8647 to the east will be made when that Survey is compiled. Junction is in agreement.

KLEM. 6/20/49

40. POSITION ACCURACY OF IMPORTANT PLANIMETRIC DETAILS:

Believed to be within 0.5 m.m.

41. RECOMMENDATIONS FOR FUTURE SURVEYS:

Map Manuscript, Survey No. T-8589, 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 the next Hydrographic Survey. These features have been noted in "Notes to Hydrographic Parties" attached to this report, and indicated on sections of Nautical Charts Nos. 305 and 306, attached to this report.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:


Details common to the Map Manuscript and to the quadrangle are, in general, in good agreement.

Major differences in shoreline as delineated on the Map Manuscript:

A marsh area and a stream along the northeastern shore of Gouldsboro Harbor.

A marsh area and a stream along the northern shore of Gouldsboro Harbor is shown as a sizable cove on the quadrangle.

Minor differences in land features are mentioned in the accompanying "Notes for Reviewer" and offshore features for which data were lacking, have been mentioned in the "Notes to the Hydrographic Party", attached to this Descriptive Report.
45. **COMPARISON WITH NAUTICAL CHARTS:**

Chart No. 305, Scale 1:40,000, published at Washington, D.C., March 1931, reissued May 1939, corrected to September 9, 1944. (Common area).

Details common to the Map Manuscript and to the Chart are, in general, in good agreement.

**Major differences in shoreline as delineated on the Map Manuscript:**

A marsh area and a stream along the northern shore of Gouldsboro Harbor is shown as grass-in-water in a sizable cove on the chart.

Two marsh areas along the northern shore of Gouldsboro Harbor are shown on the chart as grass-in-water.

**Minor differences in land features are mentioned in the accompanying "Notes for Reviewer" and offshore features for which data were lacking have been mentioned in the "Notes to the Hydrographic Party", attached to this Descriptive Report.**

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

Details common to the Map Manuscript and to the Chart are, in general, in good agreement.

**Minor differences in land features are mentioned in the accompanying "Notes for Reviewer" and offshore features for which data were lacking have been mentioned in the "Notes to the Hydrographic Party" attached to this Descriptive Report.**
Respectfully Submitted:
March 22, 1946

[Signature]
Ruth M. Whitson,
Engineering Draftsman

Map Manuscript and Descriptive Report Reviewed By:

[Signature]
Raymond Glaser,
Engineering Draftsman

Compilation of Map Manuscript Supervised By:

[Signature]
Harry R. Rudolph,
Photogrammetric Aid

Approved and Forwarded:
April 5, 1946

[Signature]
Fred. L. Peacock
Commander, C. & G. Survey
Officer-in-Charge,
Baltimore Photogrammetric Office
GEOGRAPHIC NAMES

(Undisputed)

Black Ledge
Chicken Mill Pond Stream
Flanders Bay
Forbes Pond
Gouldsboro (Village)
Grand Marsh Bay
Guptill Point
Hog Island
Jones Cove
Jones Pond
Marsh Point
Seal Ledge
Steam Island Bar
Taft Point
Timber Cove
West Gouldsboro (Village)

Frenchmen Bay (for title)
U.S. No. 1
Maine No. 186
195

There has been no special
names investigation in
this area.
Names preceded by * are
approved, subject to check
by Field Editor. 8/24/48
L.Heck
From Nautical Charts

- Bunker Cove
- Gouldsboro Harbor
- William Point

From U. S. Geological Survey Bar Harbor, Maine, Quadrangle

- Bunker Cove
- Gouldsboro Harbor
- William Point

West Bay is an old name, going back to 1878 or earlier, but Gouldsboro Harbor is usage on most maps.

* The area of Bunker Cove falls almost entirely within the area covered by survey T-8585.
<table>
<thead>
<tr>
<th>Station</th>
<th>U.S.G.S. Quadrangle</th>
<th>Recovery Date</th>
<th>Pricking Data</th>
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</thead>
<tbody>
<tr>
<td>** GROMER, 1861</td>
<td>Bar Harbor</td>
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</tr>
<tr>
<td>* GROMER 2, 1934</td>
<td>Bar Harbor</td>
<td>10-12-44</td>
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<tr>
<td>GOLDSBOROUGH TWO-STORY WHITE HOUSE</td>
<td>Bar Harbor</td>
<td>Lost</td>
<td></td>
</tr>
<tr>
<td>EAST CHIMNEY, 1861</td>
<td>Bar Harbor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>** HOVEY, 1860</td>
<td>Bar Harbor</td>
<td>10-12-44</td>
<td>Positive</td>
</tr>
<tr>
<td>SQUARE HOUSE, SOUTH CHIMNEY, 1860</td>
<td>Bar Harbor</td>
<td>9-8-44</td>
<td>Positive</td>
</tr>
</tbody>
</table>

* Station identified by a substitute point. The positions of these substitute points have been shown on the Map Manuscript with very small black acid ink circles, accompanied by the note "Sub. Sta."

** Not used to control the radial plot.
NOTES
FOR
REVIEWER

COAST OF MAINE
MAP MANUSCRIPT, SURVEY No. T-8589
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 points determined photogrammetrically and are considered very strong. The small green ink circles are the positions of well-defined detail points determined by only two wide angle radials or by three or more very slim angle radials and are considered weak.

The 2½ millimeter black acid ink circles are the positions of Recoverable Photo (Topographic) Stations and of Temporary Photo (Topographic) Stations. Such circles accompanied by a name and date (1944 or 1945) are the positions of Recoverable Photo (Topographic) Stations and Theodolite Stations. All other such circles are the positions of the Temporary Photo (Topographic) Stations.

The very small black acid ink circles accompanied by the note "Sub.Sta." are the positions of Substitute Stations.

The photographs contain no appreciable tilt or differential distortion.

The scales of the photographs and the Map Manuscript are in good agreement.

The following discrepancies between the Map Manuscript and the United States Geological Survey, Bar Harbor, Maine, Quadrangle, were found:

Shown on the Map Manuscript but not on the Quadrangle

A number of bare rocks and boulders, and a great deal of rock ledge, marsh, mud, boulders, gravel and shell along the entire shoreline of the survey.

Several piers, piling, cribbing, dikes, and a fish-trap extending into the water.

Numerous buildings and minor roads.

Geographic names Black Ledge, Seal Ledge, and Stave Island Bar.

Shown on the Quadrangle but not on the Map Manuscript because no data were available

Eight Bench Marks

Several buildings.
In disagreement with the Quadrangle

The geographic names, West Bay, Bunkers Cove, and Williams Point, are shown on the Map Manuscript as Gouldsboro Harbor, Bunker Cove, and William Point, respectively.

The water area appearing on the quadrangle along the northern shore of the main (unnamed) stream to the north of Gouldsboro Harbor is shown on the Map Manuscript as a marsh and grass area inshore from the Mean High-Water line.

An indentation in the shoreline appearing on the quadrangle along the northeastern shore of Gouldsboro Harbor is shown on the Map Manuscript as a large marsh area. A stream has been delineated through the Marsh area.

A swamp area appearing on the quadrangle to the south of Grand Marsh Bay is shown on the Map Manuscript as a marsh and grass-in-water area.

Shown on the Map Manuscript but not Charted

The entire area of Jones Pond and the small islets within the Pond; Forbes Pond and two main tributaries leading through swamp area, within the limits of the Survey; the termination of the main stream north of Gouldsboro Harbor in Chicken Mill Pond and the delineation of the immediate vicinity.

Geographic names, Chicken Mill Pond, Jones Pond, and Forbes Pond.

All buildings.

A great deal of rock ledge, mud, boulders, gravel, and shell along the entire shoreline of the Survey.

Piers, cribnings, piling, and a dam in the vicinity of Jones Cove.

Several bare rocks in the vicinity of Hog Island.

Several bare rocks in the vicinity of Jones Cove.

Two bare rocks along the shoreline of the mainland opposite Stave Island Bar.

Marsh areas to the north, the northeast, and west of Gouldsboro Harbor.

Bare rocks in Grand Marsh Bay.

Bare rocks and boulders southwest of Timber Cove.
Bare rocks and boulders along the north, east, and west shores of Gouldsboro Harbor.

Fish-trap to the west of William Point in Gouldsboro Harbor

Large pier in Bunker Cove

Small pier just north of Bunker Cove

Charted but not shown on the Map Manuscript because no data were available

A stream north of Bunker Cove

Rocks awash north of Bunker Cove

Rocks awash on Stave Island Bar

Rocks awash to the northwest of Hog Island

Rocks awash south of William Point

Ledge northwest of Hog Island

Several small islets along the western shore of Grand Marsh Bay, south of a small marshy peninsula

A road through marshland just west of Grand Marsh Bay

A thoroughfare over a dike in the south of Grand Marsh Bay

In Disagreement with the Charts

Marshy islets appearing on Chart 305 to the south of Grand Marsh Bay have not been shown on the Map Manuscript. This area has been shown on the Map Manuscript as marsh and grass-in-water, in accordance with the field data.

Several grass-in-water areas appearing on Chart No. 305 along the northern shore of Gouldsboro Harbor have been shown as marsh areas on the Map Manuscript.

Rocks awash in the vicinity of Hog Island, Taft Point, Stave Island Bar, Bunker Cove, and Seal Ledge, have been shown on the Map Manuscript as rock ledge and boulders.

Respectfully Submitted:
March 26, 1946

Ruth M. Whitson
Engineering Draftsman

Approved and Forwarded:
April 4, 1946

Fred L. Peacock
Chief of Party, C&G Survey
Officer in Charge
Baltimore Photogrammetric Office
Subject numbers not used in this report have been adequately covered in other parts of the descriptive report.

28. Delineating.—The delineation of detail from this map manuscript, though compiled very neatly and accurately, contained an excessive amount of inkwork. A great number of leaders and descriptions of features, indicated properly by symbolization, were deleted. Substitute stations and recovery dates of triangulation stations were also removed.

31-A. Foreshore Areas.—A number of the elevations for rocks in the foreshore areas were removed. These elevations seldom exceeded one or two feet above M.H.W.

31-B. Shoal Lines.—Shoal lines in Flanders Bay, north of Stave Island Bar, were removed from the map manuscript. No indication of shoal areas is evident on the photographs.

43. Comparison with Previous Surveys:

<table>
<thead>
<tr>
<th>T</th>
<th>891</th>
<th>1:10,000</th>
<th>1862,83</th>
</tr>
</thead>
<tbody>
<tr>
<td>T</td>
<td>1039</td>
<td>1:10,000</td>
<td>1865,84</td>
</tr>
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</table>

Common features on these surveys are superseded by the map manuscript.

44. Comparison with Existing Topographic Quadrangles:


45. Comparison with Nautical Charts:

<table>
<thead>
<tr>
<th>Chart No. 305</th>
<th>1:40,000</th>
<th>6/22/46</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chart No. 306</td>
<td>1:40,000</td>
<td>5/5/47</td>
</tr>
</tbody>
</table>

51. Application to Nautical Charts.—This map manuscript has not been applied to Charts 305 and 306.
Reviewed by:

K. N. Maki 9/1/48

APPROVED BY:

S. V. Griffin
Chief, Review Section

W. Wilson
Chief, Nautical Chart Branch
Division of Charts

K. T. Adams
Chief, Div. of Photogrammetry

W. W. Scaife
Chief, Div. of Coastal Surveys
COAST OF MAINE
PROJECT No. CS-272

DESCRIPTIONS OF THE RECOVERABLE PHOTO (TOPOGRAPHIC)
STATIONS AND TEMPORARY PHOTO (TOPOGRAPHIC) STATIONS FOR
THE AREA OF MAP MANUSCRIPT, SURVEY No. T-8589.

NUMBER OF RECOVERABLE PHOTO (TOPOGRAPHIC) STATIONS...........8
NUMBER OF TEMPORARY PHOTO (TOPOGRAPHIC) STATIONS.............78
TOTAL NUMBER OF STATIONS.........................86

LISTED BY: Ruth M. Whitson
Engineering Draftsman

CHECKED BY: Raymond Glaser
Engineering Draftsman

Low water, ratio prints were flown in May 1952 covering the
area in Flanders Bay from Stave Island south and some corrections
were made to the foreshore here.

David F. Romers
Ensign USCG

1127 - Blazed 3' spruce tree at N. end of Timber Cove on M.H.W.L. On edge of brush line leaning to S. Blazed on S. side.

1128 - Point on highest of three boulders on M.H.W.L. N. of shoals overgrown with weeds by about 45 meters. About 90 meters NE of two large boulders about 20 meters S. of M.H.W.L.

1129 - About 30' spruce unblazed about 4 meters N. of M.H.W.L. To the N of small cove. Tallest tree along the shoreline. About 15 meters of brown ledge rock boulders.

1130 - 8' unblazed spruce tree about 1 meter N.W. of M.H.W.L. About 4 meters S of bare place on side of hill. About 0.5 meters E. of brush line. Partially concealed by 5' birch.

1131 - About 15' unblazed pine tree about 1 meter E. of M.H.W.L. Sort of isolated on rock bluff.

1132 - 'Bolt, 1945' The station is a standard topographic disc on top of 5'x5' brown boulder about 3 meters NW of M.H.W.L., about 3 meters NE of top of brown spotted ledge rock boulder, about 7 meters NW of woods line and NW tip of grove of trees. Marsh grass to NW of marker until about 20 meters where there are ledge rocks awash at M.H.W. Located on eastern shore of Gouldsboro Harbor approximately 3/4 mile north of William Point. Elevation: 2 feet. Recoverable Photo (Topographic) Station.

1132a - Blazed 30' spruce. About 20 meters N. of M.H.W.L. over swamp. On W side of woods line, at E end of long row of piled stones, about 4 meters to SE, about 9 meters SE of S. tip of stagnant pond.

1133 - 20' twin spruce about 6 meters N. of M.H.W.L. and about 20 meters E of M.H.W.L. Only large spruce within 75 yards of point.

1134 - About 13' unblazed spruce about 8 meters E of M.H.W.L. About 4 meters S. of E end of rock wall. Stands alone about 2 meters E of grass line.

1135 - About 28' unblazed spruce about 50 meters W.-N.W. of M.H.W.L. About 60 meters E of 60' double pine, highest in vicinity. On edge of marsh line, on S edge of small clearing.

1136 - 8' unblazed spruce on M.H.W.L. on point of fast land. About 1 meter SE 6' stump. Smaller 2' high flat spruce growing on W. side.

1137 - White rock 8 meters W. of woods line, about 120 meters E. of M.H.W.L. and about 30 meters S. of M.H.W.L. Right on fast land.
1138 - About 20' unblazed spruce about 4 meters N. of M.H.W.L. between two dirt banks average about 5' above M.H.W. About 6' bush and tree stand about 2 meters S.


1140 - About 25' unblazed spruce. About 15 meters N of M.H.W.L. About 10 meters N of a dirt bluff about 5' high starting at M.H.W.L.

1141 - Large brown boulder about 30 meters S' of M.H.W.L. and about 10 meters S. of similar small boulder out 1' at M.H.W.L. About 15 meters S. of grass line at M.H.W.L.

1142 - About 35' blazed spruce about 2 meters E of M.H.W.L. and on W. side of small clearing indentation. Blazed on W. side very 'blue' spruce.


1146 - 'BAKE, 1945'. Station is a standard topographic disc, on a grey rock about 18 m. N. of M.H.W.L. 27 meters N of E end of pier and 30 meters N-NE of W. of pier. Rock about 4' long N to S and 3' wide and projects about 9 inches out of ground. About 12 meters W-NW of last birch (10' high) in line of birches in S end of grove of trees. Located on the northern shore of the main stream (unnamed) which empties into Gouldsboro Harbor. It is located approximately 1/2 mile southwest of Chicken Mill Pond. Elevation: 4 feet. Recoverable Photo (Topographic) Station.


1150 - About 38' pine tree about 2 meters E of M.H.W.L. leaning
slightly to W, another pine about 1 meter N. is about 20' high.

1151 - End of SE wing wall bridge support. Granite block about 1½' wide 2' high 4' long. Gray rocks piled up at base of support.

1152 - About 10' unblazed spruce about 8 meters W and 4 meters S of M.H.W.L. About 5 meters SW of top of large boulder.

1153 - 14' unblazed spruce about 1 meter W of M.H.W.L. and 4 meters S of M.H.W.L. On NE of grove of trees and brush. Dark gray ledge rock between tree and M.H.W.L.


1155 - Gray boulder about 7' long E to W 5' high, 6' wide. About 3 meters E of M.H.W.L. Surrounded by grass to S and rocks to NE and a few rocks to NE

1182 - 30' spruce tree on edge of tree line. About 14 meters S.W. of M.H.W. inshore from two 1 meter boulders on H.W.L. in Cove.

1222 - 'BHN, 1945' The station is a standard topographic disc on 3' gray boulder on M.H.W.L. 35 m. S of point of ledge. There is a large spruce tree about 35 m. N of the boulder. The boulder is just S of a gravel pit. Only large gray boulder in vicinity. Located on the western shore of Gouldsboro Harbor approximately 1 mile north of Guptill Point. Recoverable Photo (Topographic) Station.

1223 - About 6' alder bush about 3 meters N of M.H.W.L. About 2 meters SE of N tip of ledge rock and about 3 meters NW of tip of ledge rock. Brush and grain growing nearby.

1224 - Brown gray boulder about 2 meters long N to S and about 1 meter wide. About 10 meters S of M.H.W.L. In middle of mouth of small stream. About 7 meters S of slightly smaller brown boulder about 3 meters S of M.H.W.L. About 20 meters of quite large boulder on shore about 3 meters N of M.H.W.L.


1226 - About 8' unblazed spruce about 15 meters W. of M.H.W.L. About 10 meters N and NW of M.H.W.L. Brush on NW side and grass on SE side.

1227 - 'BHN, 1945 Station is a standard topographic disc on 8' brown boulder. Largest in vicinity. On M.H.W.L. 8 m. from tree line, 180 m. S of ledge point and 100 m. N of another ledge point. There is a large spruce approximately 2½ m. N of boulder. Located on the western shore of Gouldsboro Harbor approximately 150 m. south of Guptill Point. Elevation: 6 feet Recoverable Photo (Topographic) Station.
1228 - 30' leaning spruce tree on tree line 70' N. S of large offshore boulder. There are two gray boulders just offshore from tree on M.H.W.L. Tree leans NE over beach.

1229 - 45' white pine tree. 5 m. from M.H.W.L. On storm H.W.L. 10' sloping hill behind it. There is a 3' gray boulder 10 meters to the NE. Tree is 2' diameter at base. Blazed on E side.

1230 - 50' white pine on N side of small horseshoe shaped cove. 60 m. S. of rock ledge pt. Tree is on edge of bank and 10 m. from M.H.W.L.

1231 - 50' spruce tree set in a group of small deciduous trees. 8 m. from M.H.W.L. There is a 3' gray boulder about 45 m. S of the tree.


1233 - Lone 25' double juniper on marsh line. Directly in line with built up place in mid.

1235 - S gable of one story gray shack. Shack has an extension on N and W sides. Ohy. on W side of ridge.

1236 - 'BEST, 1945' Station is a standard topographic disc on SW pt. of ledge on edge of marsh line, 5 m S of a clump of dirt and grass on top of ledge. 13 m. west of overhanging spruce on sandy bank. On peninsula of land. Located on the eastern shore of Grand Marsh Bay approximately 1/4 miles south of Seal Ledge. Elevation: - 2' above M.H.W.L. Recoverable Photo (Topographic) Station.

1237 - 30' spruce tree on edge of wood line on storm H.W.L. Blazed on W side.

1238 - 35' spruce tree on N side of cord wood pile. There is a slide for lumber approximately 15 m. to the SW. About 35 m. S of a small cove and about 10 m. from M.H.W.L. There is a 45' white pine to the N.

1239 - 15' spruce tree on 3' bank 3 m. off M.H.W.L. About 10 m. SE of point. There is an overhanging spruce approximately 12 m. N of station. Blazed W side.

1240 - Overhanging 25' spruce, most of roots are uncovered. There is a 6' bank just E of tree. A large gray boulder lies 15 m. to the S. Blazed on W side.

1241 - 30' spruce tree. Most of the bottom branches are bare. 30 m. S. of point. 2 m. W of 7' bank and 3 m. from M.H.W.L. Blazed on W side.
1242 - 'BODE, 1945' Station is a standard Topographic disc on 4' round gray boulder on M.H.W.L. 5 m. W of 4' bank. There is a small clearing on the bank immediately inshore from the boulder. There is an overhanging spruce 8 m. to the N.E. two other gray boulders lie on the M.H.W.L. to the south approximately 15 m. and 40 m. away. Located on the eastern shore of Grand Marsh Bay on Marsh Point. Recoverable Photo (Topographic) Station.

1854 - Black smoke stack on end of building
1855 - West gable of small shack
1856 - Evergreen
1857 - Evergreen
1858 - Evergreen
1859 - Evergreen
1860 - Evergreen
1861 - Evergreen
1862 - Evergreen
1863 - West gable of boat house
1864 - East gable of house
1865 - Northwest gable of shack
1866 - Evergreen
1867 - Large evergreen
1868 - Evergreen
1877 - Evergreen
1878 - Evergreen
1879 - Evergreen
1880 - Evergreen
1881 - Evergreen
1882 - South corner of cement pier foundation
1883 - Small evergreen
1883 1/2 - Large boulder 2' above M.H.W.
1884 1/2 - Boulder 4' above M.H.W.
1885½ Boulder ½' above M.H.W.

2453 - 'CHIMNEY, 1944'. The station is a red, square brick chy., highest on house. House white weather board with dark brown trim. House 1½ story. House has 3 brick chimneys, one on each of the larger sections. Main section of house is nearest road. Chy. top is covered and smoke comes out through sides of very top. Located approximately 300 meters inshore on the western shore of the main land opposite Stave Island Bar. Elevation: 140 feet. Recoverable Photo (Topographic) Station.

2454 - W. Gouldsboro Union Church Steeple with wind vane at top. Top of steeple is shingled and belfry part is boarded up. Church is light gray weather board, white trim, light green windows on stone foundation. West gable of church is shingled front. About center of steeple, half way up is circular colored glass window. Elevation: 110'.

2455 - 50' evergreen leaning offshore

2456 - N. gatepost 6" dia. 5' tall

2457 - 20' evergreen on point

2458 - 35' evergreen at ent. to small brook.

2459 - 'CHIMNEY, 1944'. The station is the S. Br. Chy, on large yellow shingled house, green shutters, white trim, 5 dormers on west side of house. Located on the eastern shore of Flanders Bay at Taft Point. Elevation: 100 feet. Recoverable Photo (Topographic) Station.

2465 - Center of white granite boulder

2466 - Center of small, isolated clump of brush.
NOTES
For
HYDROGRAPHIC PARTIES

COAST OF MAINE
MAP MANUSCRIPT, SURVEY No. T-8589

Project No. GS-272 E

The 2½ millimeter black acid ink circles are the positions of the selected hydrographic control stations. Two copies of the Descriptive List have been furnished for your use.

The outline of shoal and sunken reef areas shown are approximate and for your advance information only. They are shown with long dashed and short dashed black acid ink lines, respectively.

The dotted acid ink line is the approximate position of the Mean Low-Water Line.

The very small acid ink circles, accompanied by "Sub.Sta." are the positions of substitute stations. A brief description of the substitute stations may be found on the pricking cards, Form No. M-982-1, submitted to the Washington Office.

The following charted features were not definitely revealed by photography and should be investigated during the next hydrographic survey:

Several rocks awash in the vicinity of Bunker Cove, Stave Island Bar, Hog Island, and William Point.

Several small islets along the western shore of Grand Marsh Bay.

Ledge N.W. of Hog Island.

Note: For location, see sections of Charts Nos. 305 and 306 attached to this report. These features have been indicated on the section of charts by a red ink line around the area in which they fall.

The following charted features are in disagreement with the Map Manuscript as delineated in accordance with field data and should also be investigated:

Several marshy islets south of dike located in the southern part of Grand Marsh Bay.

Rocks awash in vicinity of Hog Island, Taft Point, Stave Island Bar, Bunker Cove, and Seal Ledge.

Note: For location, see sections of Charts Nos. 305 and 306. These features have been indicated by a green ink line around the area in which they fall.
Respectfully submitted:
March 22, 1946

[Ruth M. Whitson's signature]
Ruth M. Whitson
Engineering Draftsman

Approved and Forwarded:
April 4, 1946.

[Fred. L. Peacock's signature]
Fred. L. Peacock
Chief of Party, C. & G. Survey
Officer in Charge
Baltimore Photogrammetric Office