

8001

Diag'd. on Diag. Ch. No. 1203

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Planimetric Air Photographic

Field No. CS-272 Office No. T-8001

LOCALITY

State Maine

General locality Coast of Maine

Locality St. George River - Weskeag River

194 4

CHIEF OF PARTY

F.L. Peacock

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DATE April 27, 1949

B-1870-1 (1)

8001

DATA RECORD

T- 8001

Quadrangle (II):
 Rockland Maine (15') U.S. Geological Survey
 Southwest Portion

Project No. (II): C.S. 272
 Part of Sub-Project No. C.S. 272 C

Field Office:
 Air Photographic Party No. 2

Chief of Party: Fred. L. Peacock

Compilation Office:
 Baltimore Photogrammetric Office

Chief of Party: Fred. L. Peacock

Instructions dated (II III):
 April 1, 1942
 April 20, 1943

Copy filed in *Division of* Descriptive
~~Report No. T-~~ *(VI)*
Photogrammetry Office Files

Completed survey received in office: -

Reported to Nautical Chart Section:

Reviewed: *L. N. Mahi* 3/20/47 Applied to chart No. 313 Date: 8/1/45 *Reconstruction*

Redrafting Completed: *5 Dec 1947*

Registered: ~~Mar.~~ *Mar. 1949*

Published: *7/1/48*

Compilation Scale: 1:9,700

Published Scale: 1:10000

Scale Factor (III): 1.0309

Geographic Datum (III): N. A. 1927 Datum Plane (III): Mean *High Water* Sea Level

Reference Station (III): HALL 2, 1934, r.1943

Lat.: 44° 02' 50.646" 1563.1 m Long.: 69° 10' 41.684" 928.0 m *Adjusted*
~~unadjusted~~

State Plane Coordinates (VI):

X =

Y =

Military Grid Zone (VI)

PHOTOGRAPHS (III)
(Metal Mounted)

Number	Date	Time	Scale	Stage of Tide
7146	10/20/41	11:53 A.M.	1:10,000	8.65' above M.L.W.
7149-7150 Incl.	10/20/41	12:00 Noon	1:10,000	8.35' above M.L.W.
+7166	10/20/41	12:22 P.M.	1:10,000	7.30' above M.L.W.
7180	10/21/41	9:50 A.M.	1:10,000	10.4' above M.L.W.
*7338-7340 Incl.	10/22/41	11:20 A.M.	1:10,000	11.7' above M.L.W.
Western Portions of				
7211-7214 Incl.	10/21/41	10:17 A.M.	1:10,000	11.0' above M.L.W.
and				
7226-7229 Incl.	10/21/41	10:17 A.M.	1:10,000	11.0' above M.L.W.
Eastern Portions of				
*7211-7214 Incl.	10/21/41	10:17 A.M.	1:10,000	11.4' above M.L.W.
*7226-7229 Incl.	10/21/41	10:17 A.M.	1:10,000	11.4' above M.L.W.

+ Unmounted Photograph

Tide from (III): Predicted Tide Tables - Atlantic Ocean, 1941,
reference station, Portland, Maine with corrections to Thomaston and *Dyer Point,
Mean Range: 9.3' *9.6' Spring Range: 10.6' *10.9' Maine

Camera: (Kind or source) U. S. Coast & Geodetic Survey nine lens
camera (focal length 8 1/4") All negatives are on file at the Washington Office

Field Inspection by: Lt. Commander Henry O. Fortin date: Season 1943
Season's Field Inspection Report previously submitted

Field Edit by: date:

Date of Mean High-Water Line Location (III): As of photographs
taken on 10/20/41 and 10/21/41, supplemented by the Field Inspection
Data obtained in 1943

Projection and Grids ruled by (III) J.T.B. - P.J.H. date: 10/29/43
Washington Office

" " " checked by: B.R.C. Washington date: 11/1/43
Overlap checked by: R.M.B. Washington Office date: 11/2/43
Control plotted by: Donald M. Brant date: 12/1/43

Control checked by: Abraham L. Goncharsky date: 12/2/43

Radial Plot by: Walter E. Schmidt date: Jan. 1944

Detailed by: Florence M. Hammond (Shoreline & adjacent culture) date: 2/1/44-3/27/44
Florence M. Hammond (Interior, rough draft) date: 5/19/44-7/12/44

Reviewed in compilation office by: Harry R. Rudolph date: March 1944
(Shoreline & adjacent culture)
Harry R. Rudolph (Interior) date: July 1944

Elevations on Map Manuscript Sheet
checked by: K. N. Mahi

date: 3/20/47

STATISTICS (III)

Land Area (Sq. Statute Miles): 24.5

Shoreline (More than 200 meters to opposite shore): 22.3 Statute Miles

Shoreline (Less than 200 meters to opposite shore): 3.9 Statute Miles

Number of Recoverable Topographic Stations established: 17

Number of Temporary Hydrographic Stations located by radial plot: 251

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:

26 CONTROL:

The horizontal control appearing on the Map Drawing for Survey No. T-8001 consists of fourteen (14) U. S. Coast and Geodetic Survey triangulation stations. All of the stations have been shown with small full line black acid ink triangles, with the exception of "LARGE HOUSE, NORTH CHIMNEY 1859," which has been shown with a dashed triangle accompanied by the note "partial recovery in 1943."

The following ten (10) U.S. Coast and Geodetic Survey triangulation stations are within the detail limits of the Map Drawing:

- ✓ BLANK POINT, 1863 (no recovery in 1943)
- ✓ BURTONS HILL, 1863 (no recovery in 1943)
- ✓ FORT ST. GEORGE, 1863 (no recovery in 1943)
- ✓ HALL, 1860, (no recovery in 1943)
- ✓ HALL 2, 1934, r.1943, (F.I.P. "LAH")
- ✓ NORTH CUSHING WHITE CHURCH SPIRE, 1934, r.1943
- ✓ SMITH, 1860, r.1934, r.1943 (F.I.P. "TIMS")
- ✓ ST. GEORGE CHURCH 2, 1934, r.1943 (LANDMARK)
- ✓ ST. GEORGE RIVER - NORTH RADIO MAST, 1934, r.1943 (LANDMARK)
- ✓ ST. GEORGE RIVER - SOUTH RADIO MAST, 1934, r.1943 (LANDMARK)

The following four (4) U. S. Coast and Geodetic Survey triangulation stations are just outside the detail limits of the Map Drawing:

- BROWNS HILL, 1863 (no recovery in 1943)
- CUSHING CHURCH, NO. 2, 1860, r.1943
- LARGE HOUSE, NORTH CHIMNEY, 1859 (partial recovery in 1943)
- RIVER'S HOUSE, NORTH CHIMNEY, 1860, r.1943

In addition to the above mentioned horizontal control, there are seven U. S. Engineer's triangulation stations shown on the Map Drawings. These seven stations were field identified by the Field Inspection Party but could not be used to control the radial plot because only grid coordinate positions were available and there

26 CONTROL: (Continued)

was no connection by which the Engineer's grid could be precisely plotted. These seven stations are as follows:

Within detailed limits of the Map Drawing,

✓ HOSPITAL, (U.S.E.) r.1943, (Field identified by F.I.P. "HOS"). *⊙ on map
See Review Report.*

Just outside the detailed limits of the Map Drawing,

RINGBOLT, (U.S.E.) r.1943, (Field identified by F.I.P. "RING".)

BOULDER, (U.S.E.) r.1943 (Field identified by F.I.P. "BOUL").

ROCK, (U.S.E.) r.1943, (Field identified by F.I.P. "KCOR").

GRANITE, (U.S.E.) r.1943 (Field identified by F.I.P. "GRAN").

NORTH BASE, (U.S.E.) r.1943 (Field identified by F.I.P. "NOR").

SOUTH BASE, (U.S.E.) r.1943 (Field identified by F.I.P. "SOU").

A close approximation of the Engineer's grid has been placed on the Map Drawing by holding to the radial plotted positions of BOULDER (U.S.E.) and SOUTH BASE, (U.S.E.). The remainder of the stations were then plotted with reference to this grid by their grid coordinates.

NORTH BASE, (U.S.E.) ROCK, (U.S.E.), and GRANITE (U.S.E.) fall on their radial plotted positions within the limits of satisfactory accuracy.

The radial plotted position of HOSPITAL (U.S.E.) fell about six meters from its grid coordinate position.

The radial plotted position of RINGBOLT, (U.S.E.) fell about seven meters from its grid coordinate position.

26 CONTROL: (Continued)

These discrepancies with respect to stations HOSPITAL and RINGBOLT make it appear that their recovery was doubtful or that they were erroneously field identified.

27 RADIAL PLOT:

An individual radial plot was laid for the area of Survey No. T-8001. No celluloid templates were used, the photographs being oriented directly under the Map Drawing Projection. Satisfactory results were obtained. The facts concerning the individual radial plots laid for the areas of Map Drawings Surveys Nos. T-5625, T-8000 to T-8003, inclusive, and T-8007 to T-8011, inclusive, have been fully brought out in the appendix of the previously submitted Descriptive Report for Map Drawing Survey No. T-8002.

28 DETAILING:

The Map Drawing for Survey No. T-8001 has been compiled in accordance with instructions. Nine-lens metal mounted and unmounted photographs, supplemented by the field inspection data, were used in detailing the topographic features. Conventional symbols were used in the compilation.

The number of available photographs covering the area of Survey No. T-8001 was considered adequate for detailing. The field inspection data were also adequate, unless otherwise mentioned in the subsequent paragraphs of this report. In general, the scales of the Map Drawing and the photographs were in good agreement. However, the vertical projector was used in areas where there was too great a difference in scale.

The main bodies of water appearing on the Map Drawing are portions of St. George River, Weskeag River, and Seal Harbor. The land area is mainly wooded. However, there are several cultivated farm lands and villages. None of

28 DETAILING: (Continued)

the villages could be considered congested urban districts.

The shoreline along the St. George River, Weskeag River and Seal Harbor, is bordered, for the most part by rocky bluff with a few stretches of sand and gravel beaches, dirt banks and two small marsh areas.

All notes pertinent to the compilation were lettered on the Map Drawing except those designating the heights of rock bluffs. The limits of the rock bluffs appear on the overlay sheet accompanied by notes which pertain to the heights of such features.

The positions of the temporary hydrographic stations, recoverable topographic stations, and minor detail points were radially plotted and shown on the glossy side of the Map Drawing with small blue or green translucent ink circles, depending on whether the positions were considered strong or weak respectively.

All roads are to be considered 0.6 mm. in width unless otherwise noted on the Map Drawing. Trails have been shown with the conventional symbol, accompanied by the note "Trail." The state route numbers on the Map Drawing are in accordance with the field inspection data.

The field inspection data pertaining to the investigation of drainage for the area of the Survey, were inadequate. For the most part, the character and location of the drainage were determined by stereoscopy at the Baltimore Compilation Office.

At approximately Latitude $44^{\circ} 02' 20''$ and Longitude $69^{\circ} 08' 50''$, a stream has been detailed and shown on the Map Drawing with a full light-weight black acid ink line accompanied by a pertinent note. Full detail of this stream could not be delineated, either by stereoscopy or by the field inspection data, because of dense vegetation.

28 DETAILING: (Continued)

All public buildings within the area of the Survey have been detailed in accordance with the field inspection data and shown on the Map Drawing with the conventional symbols. Descriptive notes have been added where thought to be necessary for clarification. All other buildings, except small outbuildings and those whose images were not visible on the photographs, have been shown on the Map Drawing with the conventional symbol.

A list of abbreviations accompanied by explanatory notes, has been lettered on the Map Drawing just outside its eastern detail limit.

30 MEAN HIGH-WATER LINE:

The Mean High-Water Line (firm ground) which was identified and fully delineated on the field photographs by the Field Inspection Sub-Party, has been shown on the Map Drawing with a full heavy-weight black acid ink line. A dashed line indicates an indefinite Mean High-Water Line.

Bordering the Mean High-Water Line are two small marsh areas, the outer limits of which have been shown with a full light-weight black acid ink line.

31 LOW-WATER AND SHOAL LINES:

No part of the Mean Low-Water Line could be detailed, either by the field inspection data or office interpretation of the photographs.

The approximate outer limits of shoal areas bordering the Mean High-Water Line have been detailed in accordance with the field inspection data, and shown on the Map Drawing with a dashed light-weight black acid ink line, accompanied by the note "shoal", lettered within the included area.

The approximate outer limits of rock ledge areas bordering the Mean High-Water Line have been detailed in accordance with office interpretation of the photographs, based upon a visual comparison with the available nautical

31 LOW-WATER AND SHOAL LINES: (Continued)

charts covering the area of the Survey. The outer limits of such features have been shown with the conventional symbol, accompanied by descriptive notes. Portions of such rock ledge areas appearing on the Map Drawing are probably covered at Mean Low-Water.

32 DETAILS OFFSHORE FROM THE HIGH-WATER LINE:

The details offshore from the Mean High-Water Line appearing on the Map Drawing consist of rocks and reefs, the existence of which were verified by the Field Inspection Sub-Party.

The extent to which the offshore rocks and reefs bare at Mean High-Water or Mean Low-Water has been shown by notes lettered on the Map Drawing.

33 WHARVES AND SHORELINE STRUCTURES:

The existence of wharves, retaining walls, abutments, a wreck, and all other shore line structures appearing on the Map Drawing, have been verified by the Field Inspection Sub-Party. Such features have been shown with the conventional symbols, accompanied by descriptive notes.

34 LANDMARKS, FIXED AIDS TO NAVIGATION AND AERONAUTICAL AIDS:

There are no charted landmarks, fixed aids to navigation, or aeronautical aids within the area of the Survey.

Four new landmarks have been recommended by the Field Inspection Sub-Party. The positions of three of these have been previously determined by triangulation by the Bureau, while the position of the remaining one has been determined by radial intersection and has been shown on the Map Drawing with a $2\frac{1}{2}$ mm. black acid ink circle. These features are identified by the note "landmark" lettered on the Map Drawing.

34 LANDMARKS, FIXED AIDS TO NAVIGATION AND AERONAUTICAL AIDS: (Cont'd.)

Form 567 was submitted on March 29, 1944 for the following four new landmarks;

SPIRE, Church, Short (Same as triangulation station "St. George Church 2, 1934")

RADIO MAST, steel gray (225 ft. high) (Same as triangulation station "St. George River N. Radio Mast 1934")

RADIO MAST, steel,gray, (225 ft. high)(Same as triangulation station "St. George River S. Radio Mast 1934")

SPIRE, Church, (South Thomaston) (Top of spire of the Peoples Methodist Church located in South Thomaston)

*filed in Naut Chls Sect.
Ch. Letter 223-49*

There were no new fixed aids to navigation or aeronautical aids recommended for the area of the Survey.

35 HYDROGRAPHIC CONTROL:

Two-hundred and sixty-eight hydrographic control stations were recommended for the area of the Survey by the Field Inspection Sub-Party. Of these, 251 are temporary hydrographic stations, while the remaining 17 are recoverable topographic stations. Their positions have been radially plotted and shown on the Map Drawing with $2\frac{1}{2}$ mm. black acid ink circles.

(Not transferred to printed map.)

The names, numbers, and descriptions of the recoverable topographic stations and the numbers and descriptions of the temporary hydrographic stations were numerically compiled in a list. Two copies of this list were previously submitted to the Washington Office on March 29, 1944 and an additional copy is submitted herein.

Form 524 was submitted on March 29, 1944 for the following seventeen recoverable topographic stations:

<u>No.</u>	<u>Name</u>
647	"S. E. Gab. Small Yellow House"
907	"N. W. Gab. One-Story Unpainted House"

35 HYDROGRAPHIC CONTROL: (Continued)

<u>No.</u>	<u>Name</u>
958	"Miniature Lighthouse"
969	"E. Gab. Large White House"
977	"South Thomaston Church Spire" (also LANDMARK)
1550	"S. Gab. White Two-Story House"
1693	"E. Gab. White Two-Story House"
1703	"E. Gab. Gray Barn"
1716	"W. Gab. Gray Barn"
1723	"Peak, Small House on Point"
1758	"N.W. Gab. Yellow Barn"
1773	"W. Chimney on White House"
1798	"S. Gab. White House"
2336	"Chimney, Center of Building"
2354	"W. Gab. Yellow House Brown Trim"
2668	"E. Gab. Gray One-Story House"
4496	"S. E. Gab. Red Barn"

The note "Recoverable Topographic Station" lettered on the Map Drawing identifies the recoverable topographic stations.

36 LANDING FIELDS:

There are no landing fields within the area of Survey No. T-8001.

37 JUNCTIONS:

Junctions of shoreline and interior details were made with Map Drawings, Surveys Nos. T-8000 to the North, T-8002 to the South, T-8008 to the East, and T-5623 to the West. They are in agreement.

38 GEOGRAPHIC NAMES:

The geographic names for the area of Survey No. T-8001 were investigated by the Field Inspection Sub-Party in accordance with Paragraph No. 8 of the "Instructions for Field Inspection, Project CS 272" dated April 20, 1943. The data obtained by the investigation were submitted to the Baltimore

38 GEOGRAPHIC NAMES: (Continued)

Office in the form of a special geographic name report, which is being retained for use in the compilation of other Map Drawings. The geographic names appearing on the Map Drawing are in accordance with the field inspection data, and also in accordance with additional data obtained from the best known sources available for use by the Baltimore Compilation Office.

An alphabetical list of the disputed and undisputed geographic names pertaining to the area of the Survey, is submitted herein.

39 TELEPHONE LINES:

A telephone line has been detailed in accordance with the field inspection data and shown on the Map Drawing with the conventional symbol, accompanied by a note.

40 BRIDGES:

A highway bridge over the Weskeag River in the village of South Thomaston, and another over a small inlet in the village of Cushing, have been detailed and shown on the Map Drawing with the conventional symbol, accompanied by pertinent notes.

41 RECOMMENDATIONS FOR FUTURE SURVEYS:

The positions of the planimetric details appearing on the Map Drawing are believed to be within the limits of satisfactory accuracy. The compilation is complete with respect to all detail needed for charting or the preparation of a planimetric map, except for the absence of many rocks awash, which are to be discussed under side heading No. 45.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

Rockland, Maine (15') U.S.G.S., scale 1:62,500, edition of 1906, reprinted 1938.

Because of the scale difference between the above-mentioned quadrangle and the Map Drawing, comparison of

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES: (Continued)

small planimetric details could not be readily made. By visual comparison, however, the following differences were apparent:

A short section of railroad appearing on the quadrangle near Pleasant Beach is shown as a trail on the Map Drawing

*The roads, in general, are in disagreement

*More roads are shown on the Map Drawing

*The courses of small streams are in disagreement

There are no off shore rocks appearing on the quadrangle

Marsh areas in the vicinity of South Thomaston, appear on the quadrangle

*More buildings have been shown on the Map Drawing

*Several small piers do not appear on the quadrangle

*An overhead telephone line crossing Cutler Cove at approximately Latitude $44^{\circ} 00' 30''$ and Longitude $69^{\circ} 12' 30''$, does not appear on the quadrangle.

*These differences also apply to Nautical Chart No. 312.

45 COMPARISON WITH NAUTICAL CHARTS:

Chart No. 312, scale 1:40,000, published at Washington, D. C., July 1929, reissued, February 1939, corrected to March 23, 1943.

Only a visual comparison between the above-mentioned chart and the Map Drawing could be made because of the difference in scale. However, the following changes were apparent:

A group of very small islands appearing on the chart just off Hayden Point, have not been shown on the Map

45 COMPARISON WITH NAUTICAL CHARTS: (Continued)

Drawing because their images were not visible on any of the photographs and no field inspection data were submitted for them.

Many off shore rocks within the area of the Survey, appearing on the chart were not shown on the Map Drawing because their images were not visible on the photographs and no field inspection data were submitted for them.

A wreck at approximately Latitude $44^{\circ} 00' 30''$ and Longitude $69^{\circ} 07' 52''$, does not appear on the chart.

*Small wreck.
Falls on shoreline
S.M.A.*

For other differences see side heading No. 44.

Respectfully submitted:
July 11, 1944

Florence M. Hammond
Florence M. Hammond
Photogrammetric Aid

Compilation and Descriptive
Report reviewed by:

Harry R. Rudolph
Harry R. Rudolph
Sr. Photogrammetric Aid

Supervised by:

Walter E. Schmidt
Walter E. Schmidt
Asst. Photogrammetric Engineer

Approved and Forwarded:
July 14, 1944

Fred L. Peacock
Fred. L. Peacock
Chief, Air Photographic Party No. 2

IDENTIFICATION REPORT
OF THE HORIZONTAL CONTROL FOR
THE AREA OF SURVEY NO. T-8001

Within Detail Limits

Blank Point, 1863. Not recovered.
Burtons Hill, 1863. Not recovered.
Fort St. George, 1863. Not found.
Hall, 1860. Not found.
Hall 2, 1934. Recovered. Pricking of F.I.P. ("Lah") positive
North Cushing White Church Spire, 1934. Recovered.
Pricking positive.
Smith, 1860. Recovered. Pricking doubtful in distance
by 1 meter, 2' in azimuth. Re-
identified by F.I.P. "Tims" -
Pricking positive.
St. George Church 2, 1934. Recovered. Pricking positive.
St. George River North Radio Mast, 1934. Recovered.
Pricking positive.
St. George River South Radio Mast, 1934. Recovered.
Pricking positive.
Hospital (U.S.E.) Not identified. Pricking of F.I.P.
("Hos") positive

Outside Detail Limits

Browns Hill, 1863. Not recovered.
Cushing Church No. 2, 1860. Not identified. Pricking
positive.
Large House, N. Chimney, 1859. Not identified. Pricking
doubtful.
River's House, North Chimney, 1860. Not identified.
Boulder (U.S.E.) Recovered. Pricking of reference points
positive.
Granite (U.S.E.) Recovered. Pricking may be off 1.0 meter.
North Base (U.S.E.) Recovered. Pricking positive.
Ringbolt (U.S.E.) Recovered. Pricking positive.
Rock (U.S.E.) Recovered. Pricking doubtful by about
1 meter.
South Base (U.S.E.) Recovered. Pricking positive.

Aug. 12, 1943
Oct. 31, 1943

Lieut. Comdr. Henry O. Fortin

MAINE
ST. GEORGE RIVER - BROAD COVE - HOSPITAL POINT
WESKEAG RIVER - COMBS ISLAND - SOUTH THOMASTON
Project No. CS-272
Part of Sub-Project No. CS-272-C

List of the names, numbers, and descriptions of
Recoverable Topographic Stations, and the numbers
and descriptions of the temporary hydrographic stations
appearing on Map Drawing Survey No. T-8001.

Number of temporary hydrographic stations	251
Number of Recoverable Topographic Stations	<u>17</u>
Total number of stations	268

Listed by:

Florence M. Hammond
Florence M. Hammond P.M.

Checked by:

Carlyn Goldenberg
Carlyn Goldenberg

T-8001

<u>No.</u>	<u>Description</u>
647	"S. E. Gable Small Yellow House" - The station is the S.E. gable of a small one-story yellow colored house, with green roof and trimmings. (Recoverable Topographic Station).
903	E'ly of two small clumps of 7' alders. E'ly clump is 2 m. from other clump and 2 m. from wire fence.
904	East tip of brush 3 m. north of spruce stump 8" in diameter.
905	South end of L shaped large white dormer of white two-story house with dark roof in village of Spruce Head. 2-story yellow house is south of white house.
906	S'ly of two clumps of 6' alders. Clumps are 2 m. apart.
907	"N. W. Gable of One-Story Unpainted House" - The station is the northwest gable of a one-story, unpainted house; near the northeast end of the cove, and on south side of side road leading down to the beach. (Recoverable Topographic Station).
908	45' lone Juniper tree in tall brush.
909	20' lone bushy blue spruce.
910	Highest part of projecting ledge on east side of cove near its head.
911	35' birch tree at H.W.L. Tree is bushy.
912	Highest part of dome-shaped knob on top of ledge.
918	Most S'ly tree in group of tall spruces. Most S'ly tree is a juniper tree.
919	Top center of boulder on prominent point at head of cove. Boulder is 1 m. from tip of grass and on the south side of the end of the point.
920	Top of gray rock at H.W.L. on point - 10' stump of spruce tree is on east side (fallen) and many broken pieces of rock are to the south and west. Rock has a sharp peak on the north side.
921	East tip of rocky point 50 m. north of another rocky point.
956	East gable white house with two upper windows even with eaves. Door and window at bottom. Door on left side.
957	Rock just off rounding shore. Covered at M.H.W.

<u>Nos.</u>	<u>Description</u>
958	"Miniature Lighthouse" - The station is a miniature lighthouse located on a ledge in the river. It has a green top and a white base. The station is off the north end of Combs Island. (Recoverable Topographic Station).
959	Birch tree that forks at bottom. This tree is 25' high at head of bight.
960	Lone birch tree at top of shore. Tree is 35' high.
961	Juniper tree at center of marsh with large spruce tree directly behind it.
962	North tip of grass on rocky point.
963	Spruce tree on ledge 2' from water. Pine tree to the right of it. Limbs overhang water.
964	Round clump of alders 6' in back of tip of wooden fence that follows shore line.
965	Pine tree setting 10' from shore in clump of alders. Tree is 20' high.
966	Large rock 10' from shore. Has yellow marks on top.
967	Piling at end of group of rock which is almost completely covered with grass.
968	Top of rock, the top is very pointed. Group of dead trees directly behind it.
969	"East Gable Large White House" - The station is the east gable, highest part, on large white house with two red chimneys, setting back in field just east of State Highway, and northwest of Sharkeyville Creek. (Recoverable Topographic Station).
970	Clump of bushes which comes to top almost directly east. Forked birch tree 150' to north of it.
971	Southeast gable small brown barn 20' from shore. Has road to shore. Two windows.
972	Spruce tree with birch tree hanging out from it.
973	Clump of brush at west tip of Combs Island.
974	Northeast corner of stone fill at north of wooden pier.
975	Deciduous tree near the shore. Stands 10' tall. Tree is 20' north of patch of mud in brush.

<u>No.</u>	<u>Description</u>
976	South gable of low section yellow house with brown trimmings. House has three chimneys.
977	"South Thomaston Church Spire" - The station is the top of the church spire in South Thomaston. Church is yellow with green trimmings, and is known as the Peoples Methodist Church. This station is also used as a landmark. (Recoverable Topographic Station).
978	West gable of unpainted boat house. Has red ends. Red door on south side.
979	Southwesterly most part of bridge abutment. Comes down to a 45° angle.
988	Top of large rock 4' from shore. Has brownish color on top. On end of small point.
989	Crooked birch tree on tip of point. It leans out across the water. 10' tall.
990	Tall spruce tree on edge of clay bank. Stands 20' tall. Another one 8 meters south of above signal.
991	Lone small spruce tree edge of bank. Directly in back of large rock near shore. Stands 7' high.
1525	3' rock on point 2' from grassline on point.
1526	8' boulder lying in mud and grass.
1527	Top center of brown ledge jutting out in river.
1528	Edge of grass on ledge at inshore end of cat walk.
1529	Chimney on south side of white two-story house with gray green roof.
1530	Cone shaped 3' rock 2' north of small group on point.
1531	Top center brown ledge southwest of another brown ledge.
1532	Top of 8' boulder with guano on top. A 5' rock is 30 m. to northeast.
1533	25' spruce on point another one is just to N.N.E. of it.
1534	Tip of ledge at High-Water Mark. White birch is 25 m. north of it.
1535	Center of brown rock with white top in end of cove. Grass 10 m. ^{north} of it.
1536	Black rock bare at 6.8' above Mean-Low Water.
1537	Tip of grass at top of bare bank on point with birches.

<u>No.</u>	<u>Description</u>
1538	Brown 6' flat boulder on point.
1539	White 3' rock in grass north of bushes.
1540	South gable 2-story white house.
1541	3' rock southeast of ledge 20 m. from shore.
1542	Top of brown ledge at mouth of creek. Two more are west of it.
1543	Top center of hole of culvert.
1544	Center of clump of bushes at edge of field. There is a line of brush 100 m. to eastward.
1545	South gable of yellow store.
1546	Middle bush of three. Another one is 30 m. north of it.
1547	20' spruce east of garden and sawmill.
1548	Top of brown ledge in cove.
1549	East tip of brown ledge on point.
1550	"S. Gable White Two-Story House" - The station is the s. gable of a white two-story house with a red barn on west side, located at the head of Broad Cove, in the Village of Cushing. (Recoverable Topographic Station).
1551	Top rock bare at 8.6' above Mean-Low Water. 30 m. from brush.
1552	Gray 3' rock south of 2' black rock on point.
1553	Tip of small rocky point at High-Water Line. Another rocky point 8 m. north.
1554	Top center of whale-backed ledge.
1555	Top center of outside hump of ledge at mouth of creek.
1556	4' boulder with sharp ridge pointing west.
1557	Brown 3' pointed rock south of 2 smaller ones.
1558	Rounding gray ledge off point in cove.
1559	Highest part of north end of island ledge.
1560	Tip of rounding ledge at High-Water Line.
1561	Flat 2' rock on east side of point of ledge in cove.

<u>Nos.</u>	<u>Description</u>
1562	Northeast tip of ledge on point at High-Water Line.
1563	3' boulder on sand on northeast point of peninsula.
1691	Top of long flat ledge. Two small rocks are lying on south side.
1692	White rectangle on ledge with black strip on either side.
1693	"E. Gable White Two-Story House" - The station is the east gable of a white two-story L-shaped house, about 140 meters west of the Mean High-Water Line. (Recoverable Topographic Station).
1694	East gable of Riverside cottage.
1695	Top center of whale back ledge. A stone wall is 15 m. to north.
1696	Top of ledge on point. It has large crack in southwest side.
1697	High-Water Line of narrow ridge of ledge sloping to water. Large fissure on west side.
1698	25' spruce, bottom half is dead.
1699	Fence corner at head of cove. Part of fence is down.
1700	North most brown 3' rock on point.
1701	8' white boulder.
1702	Top center of ledge with small rock east of it.
1703	"E. Gable Gray Barn" - The station is the E. gable of a gray barn, just south of a group of buildings; on east side of State Highway, and at head of Hyler Cove. (Recoverable Topographic Station).
1704	Gray 3' boulder under spruce tree.
1705	Over-hanging 20' tree in head of cove.
1706	3' brown boulder north of white rock.
1707	5' boulder north of another 5' boulder.
1708	Top center of 6' boulder with white top.
1709	Top (southwest end) of white sloping ledge.
1710	Top (north end) of 8' boulder on point.
1711	Top center of 10' boulder on point.
1712	Southwestern most 12' bush in cove.

<u>Nos.</u>	<u>Description</u>
1713	Southerly of two 15' spruces on point.
1714	Tip of ledge at High-Water Line on north side of point. It is in front of an opening in woods.
1715	Top center of ledge in front of tall birches.
1716	"W. Gable Gray Barn" - The station is the west gable of gray barn with small window in gable and attached to a house just north of the station, about 250 m. east of Mean-High-Water Line, and on west side of State Highway No. 131. (Recoverable Topographic Station).
1717	8' stump at edge of brush over small cliff.
1718	Tip of grass on southernmost ledge in cove.
1719	Top center of white 6' rock.
1720	Center of ledge sticking out of grass at shore line. It is 20 m. northeast of small black rock on point.
1721	Top center of brown cracked ledge 40 m. off-shore.
1722	Top east end of ledge in center of cove. Ledge has small grass patch in middle.
1723	"Peak, Small Yellow House On Point" - The station is the peak of a small house on a small rounding point in a bight. (Recoverable Topographic Station).
1724	Top of ledge northwest of dirt path.
1725	4' rock with guano on side.
1726	7' spruce at High-Water Line at head of cove. Another to south.
1727	Group of brown rocks on point in front of dirt bank.
1728	Tip of grass east of small grass patch on ledge.
1729	Section of ledge which has broken off and is leaning over.
1730	Tip of sloping ledge with white streak running northeast.
1731	West gable of red barn north of another red barn.
1733	Highest of two 2' rocks south of point.
1734	35' spruce and deciduous tree together.
1735	Three 20' spruces on small point in cove.

<u>No.</u>	<u>Description</u>
1736	30' dead tree to east of stream.
1737	30' pine 5 m. north of 35' pine.
1738	North tip of vegetation on point.
1739	Tip of ledge at High-Water Line, south of birch.
1748	West gable of white house.
1749	North gable of gray barn on hill.
1750	Top of High-Water rock.
1751	East gable of gray barn on hill north of house.
1752	Top of reef 30 m. from shore.
1753	Top center of rounding ledge in bight.
1754	Top center of ledge on point east of another one.
1755	Top center of ledge in cove. Ledge has black rocks in it.
1756	Westernmost ledge in south side of bight at High-Water Line.
1757	White part of ledge which has broken off ledge in front of it.
1758	"N. W. Gable Yellow Barn" - The station is the northwest gable of a yellow barn, just south of a yellow house. There are three windows under gable of barn, which is on the east side of State Highway No. 131, and just on the north side of a private road. (Recv. Topo. Sta.)
1759	6' boulder; north end is broken off.
1760	Tip of grass east of white ledge with rock on it.
1761	5' boulder with white streaks on top.
1762	Tallest birch (35') in corner.
1763	Top of brown 7' boulder in front of group of birches.
1764	Corner of field where it comes closest to shore on top of bank.
1765	Top of brown hump on end of ledge.
1766	West tip of grass on jagged ledge.
1767	Center of center rock pile of 3 south of point.
1768	Center of whaleback rock with north edge broken off. Grass patch E. of it.

<u>No.</u>	<u>Description</u>
1769	Tip of grass behind white ledge point.
1770	Pyramid shaped rock 20 m. off shore.
1771	White streaks on ledge near grass running into grass on point.
1772	Ledge at High-Water Line north of small bight.
1773	"W. Chimney on White House" - The station is the west chimney on a white house, green trim. A private road leads down to the station, which sets on the northeast side of a prominent clearing on Watts Point. (Recoverable Topographic Station).
1774	Top center of rounding ledge with grass just back of it. (Center).
1775	Center 8' boulder with birches in back.
1776	Top center of offshore 4' boulder.
1777	3' rock east of 7' bush on bank.
1791	White ledge south of grass patch and north of bight.
1792	Rock 4 m. offshore.
1793	West 18' spruce on point.
1794	West gable of barn north of house. It has large door under gable.
1795	Tip highest rounding ledge in bight.
1796	Center of old apple tree on point.
1797	2' rock just off point.
1798	"S. Gable White House" - The station is the south gable of a white house with two windows under gable. House is L-shaped, and about 260 meters east of Mean High-Water Line of Cutler Cove, and just on the east side of State Highway No. 131. (Recoverable Topographic Station).
1799	Tip of brush on ledge point.
1800	4' rock northwest of large pine tree.
1801	Top center of ledge. Large cracks in ledge, small rocks scattered over it.
1802	Tip of earth over ledge west of line.
1803	15' dead scraggly tree in field at end of bight.

<u>No.</u>	<u>Description</u>
1804	Top of ledge sloping steeply to water. N'most ledge.
1805	Small alder northwest of broken birch. South of large evergreen.
1806	Northeast gable of reddish brown barn.
1807	East end of mud puddle.
1808	30' birch set out slightly from tree line.
1809	Base of two over-hanging spruces.
1810	4' round boulder close to juniper bushes.
1811	Southwesterly 30' spruce of three.
1812	Top brown 4' rock, 6 m. from brush line.
1813	Center of two 30' birches on south end of clearing.
1814	Top of brown rock wash 6' from brush line.
1815	Southwest gable of white two-story house with 2 brick chimneys. Gray barn west of house.
2193	North corner of stone pier.
2194	Southwest tip of ledge of High-Water Line west of crack in smooth sloping ledge.
2195	Southeast gable of white house with green roof, chimney in center. It is on north side of road in cove.
2196	18' post on east corner stone pier.
2197	Top center of out side section of 15' boulder on east side of rounding point.
2198	Top center of flat top 8' boulder off west side of point which is just west of cove.
2199	Round gray 6' boulder in bight east of cove.
2200	South corner of retaining wall.
2201	Top of sloping pointed flat rock 40 m. from brush line.
2237	West gable of white first house in cove. There is a chimney in center. Another group of buildings are to the west.

<u>No.</u>	<u>Description</u>
2248	45' spruce on south side of rounding point north of south beach.
2249	Brown offshore 7' boulder west of another. Directly north is an old stone pier.
2250	Southwest tip of vegetation on point west of gravel beach.
2251	Pointed 6' boulder on southeast end of sand and gravel beach.
2252	Largest knob on flat sloping ledge 3 m. from grass line.
2256	North end of sloping ledge point at High-Water Level west of a bight.
2257	Peak of a 7' boulder 35 m. from northwest end of bridge.
2258	Top of offshore reddish brown ledge with guano on top.
2259	Top center of round 6' boulder on point, 6 meters from brush line.
2260	7' round boulder 70 m. south of cove. A tuft of grass is just south of it at (-3').
2261	Northwest tip of sloping ledge southeast of grass cove and road.
2262	Southeast gable of small boat shed on pier.
2263	Brown 4' rock south of a very pointed rock on rounding point.
2264	4' spruce in crevice of ledge on point, northwest of bight.
2265	Over-hanging 40' spruce on point of ledge north of bight.
2266	White-capped 4' brown rock on northwest edge of a group on point.
2267	Top of white flat ledge on rounding point. It is close to bushes.
2268	South tip of grass in gravel, on point east of entrance to stream.
2277	Top of rounding offshore ledge, west of a house on east side of cove.
2278	West gable of gray shingled house with green blinds. It is lowest of two gables.
2279	Dead 7' bush at head of cove. It is on ledge at grass line.
2280	Top of sloping ledge with sharp drop at top. It is west of bight.
2281	East gable of small boat shed in bight.

<u>No.</u>	<u>Description</u>
2282	Top center whaleback ledge with grass behind it on point.
2289	Top center of gray flat top 8' boulder. A stream is north of it.
2290	South gable of white first house on east side of road situated where tree line and road come closest together.
2291	South tip of brush on west side of entrance to harbor.
2292	Small privy (yellow) northeast of entrance to stream.
2293	West corner of stone pier in harbor.
2324	Southwest corner of stone pier.
2325	Top center on rounding ledge northwest of pointed 3' rock. Grass is just south of S.S.
2326	Lone 10' spruce southeast of two tall stumps.
2327	15' spruce 4 m. north of 30' spruce in bight.
2328	6' round boulder on point in cove.
2329	15' spruce on south side of rounding point. Its branch hangs out over brush line noticeably.
2330	50' birch on point on east side of bight.
2331	Dome-shaped ledge on northwest side of rounding point.
2332	Southeast corner of stone pier.
2334	Top center of ledge in center of bay.
2335	Jagged 4' boulder on High-Water Line at edge of tree line.
2336	"Chimney, Center of Building" - The station is the chimney located on top center of building. There is another lower chimney on north end of building. There is another house north of and closer to the water front. The station is on the southeast side of Harrington Cove and north of Elwell Point. (Recoverable Topographic Station).
2337	Brown whale-back ledge in center of cove.
2338	Top center peaked gray ledge 4 m. east of rounding ledge in cove.
2339	Lone 8' spruce on north side of long cove.
2340	Tip of ledge point at High-Water Line just north of line of grass at (-2').

<u>No.</u>	<u>Description</u>
2348	45' birch on side of jagged ledge.
2349	5' birches on gravel point. A large group of birches are to the S.E.
2350	Round clump of bushes in grass near top edge of ledge.
2351	Lone spruce on point, a 4' rock is to southeast of it.
2352	5' gray boulder north of bight. It lies in seaweed.
2353	Top center of gray dome-shaped ledge south of tan-colored boulder.
2354	"W. Gable, Yellow House, Brown Trim" - The station is the west gable of a yellow house, brown trim, with two chimneys and a red barn attached to the northeast, about half way between the highway and the upper reaches of Long Cove. (Recoverable Topographic Station).
2355	Top center of offshore ledge north of bight.
2356	Top of gray ledge on northeast side of cove, opposite rounding point. It is close to brush line. To the west is a pointed rock.
2357	3' rock on point 10 m. north of another such rock.
2358	Loose square 1' rock on ledge point south of bight.
2668	"E. Gable Gray One-Story House" - The station is the east gable of a one-story gray house with blue trim. The house is northwest of a small sand beach. (Recoverable Topographic Station).
2669	South tip of whale-back ledge just east of sand beach.
2669-A	Highest part of offshore ledge. Highest part is a small peak with a white top.
2672	Top center of south section of long white ledge on point. It has eastwest crack in middle.
2673	5' gray boulder on west side of cove.
2674	Dome-shaped brown 10' boulder on west side of point. It is west of a smaller similar rock and also a pointed rock.
2675	Flat 8' white ledge east of two 2' rocks half way between 2 northernmost flag poles of three.
2676	3' white rock on west side of long ledge in bight.
2677	3' gray rock just west of 2' white rock on south beach.
2678	East gable of gray boat shed at edge of field.

<u>No.</u>	<u>Description</u>
2679	East tip of grass on white ledge point between two long gravel beaches.
4489	East gable of shingled barn just north of $1\frac{1}{2}$ story cream-colored house with green trim.
4490	Base of 35' birch tree. It is farthest tree out on point.
4491	Base of 15' lone pine tree on east side of Weskeag River.
4492	Top center of large white boulder.
4493	Top of white boulder on prominent point on southwest side of Weskeag River.
4496	"S. E. Gable Red Barn" - The station is the southeast gable of a red barn with white trim, owned by a Mr. Riggs, located about 220 meters northeast from High-Water Line on north shore of Weskeag River. (Recoverable Topographic Station).

GEOGRAPHIC NAMES

Undisputed

- ✓ • Bailey Point .
- ✓ • Beaverdam Brook .
- ✓ • Bradford Point .
- ✓ • Broad Cove .
- ✓ • Combs Island .
- ✓ • Cushing (village) .
- ~~✓ • Ellwell Point .~~
- ✓ • Foggs Hill .
- ✓ • Fort ~~St. George~~ Point .
- ✓ • Harrington Cove .
- ✓ • Hayden Point .
- ✓ • Hospital Point .
- ✓ • Hyler Cove .
- ✓ • Long Cove .

- ✓ • Montgomery Point .
- ✓ • McCarthy Point .

*Different locations

- ✓ • North Cushing (~~village~~) .
- ✓ • Patten Point .
- ✓ • Pleasant Beach .
- ✓ • Rackliff Island .
- ✓ • Seal Harbor .
- ✓ • Sharkeyville Creek .
- ✓ • Sprucehead Island .
- ✓ • South Thomaston (village) .
- ✓ • St. George (village) .
- ✓ • St. George River .
- ✓ • Watts Cove .
- ✓ • Wheeler Bay .

Waterman Beach (see T-8005)

GEOGRAPHIC NAMES

Disputed

✓ • Cutler Cove	Cutlers Cove
✓ • *Elwell Point	Foggs Point
✓ • Spruce Head	Sprucehead
✓ • Watts Point	Hilts Point
✓ • Weskeag River (U.S.G. 6th Report)	Wessaweskeag River

*Different locations

State 220 (only in NW. corner of manuscript)
" 131

Names ~~are~~ preceded by •
are approved. 12/18/47
L.H. Eck

GEOGRAPHIC NAMES

Division of Photogrammetry
Review Report of
Planimetric Map Manuscript T-8001

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

26. Control.

One U.S.E. triangulation station, Hospital, recovered in 1943 falls on the map manuscript. The grid coordinate position was available for a local Engineer's grid, but there was no way to precisely plot the Engineer's grid. Refer to the Compilation Report concerning the Engineer stations. *p. 4 + 5*

The triangle was removed from station Hospital *(at Hospital Point)* and replaced by a red circle to indicate it was located by the radial line plot.

30. Mean High-Water Line.

The MHW line in the vicinity of Seal Harbor to Wheeler Bay was considered to be in error *on the map manuscript* as shown by the field inspection data. The MHW line had been located about 10 to 30 meters offshore and was relocated by the reviewer. The relocated shoreline generally agreed with the latest nautical charts and quadrangle maps.

31. Low-Water and Shoal Lines.

An approximate low-water line or ledge line was shown by the conventional low-water line symbol in red ink. This is not complete as it was shown only in those areas where it could be definitely seen on the photographs.

32. Details Offshore from the High-Water Line.

Symbols and descriptions of offshore details were changed to conform with the present instructions for review.

35. Hydrographic Control.

No changes were made to the temporary hydrographic stations. The descriptions of the recoverable topographic stations were briefed according to present instructions for review, with the date of establishment and a small "d" to indicate the availability of a description on a 524 card.

44. Comparison with Existing Topographic Quadrangles.

Rockland, Me., U.S.E., 1:62,500, 1940

The U.S.E. quadrangle and the map manuscript are in good agreement.

Refer to the Compilation Report for an adequate comparison with the U.S.G.S. quadrangle for Rockland, Me.

44a. Comparison with Previous Topographic Surveys.

T-1116	1:10,000	1868
T-1151	1:10,000	1869
T-1081	1:10,000	1868

The map manuscript supersedes these surveys in common features in all common areas.

45. Comparison with Nautical Charts.

Chart No. 310,	1:40,000,	latest print date	9/21/46
Chart No. 312,	1:40,000,	" " "	10/5/46
Chart No. 1203,	1:80,000,	" " "	7/6/46

This map manuscript has been applied to nautical chart No. 313 (Reconst.).

Reviewed by:

Reviewed under direction of:

K. N. Maki
K. N. Maki 3/20/47
Photogrammetrist

S. V. Griffith
S. V. Griffith *K.N.M.*
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Surveys

SURVEY NO. T8001

Record of Application to Charts

[illegible]

M-2168-1

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