

5622

Diag'd. on Diag. Ch. No. 1203+1204-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Planimetric Air Photographic

Field No. _____ Office No. T-5622

Date of Photos: Oct. 1941
LOCALITY

State Maine

General locality Coast of Maine

Locality Muscongus Bay, St. George River,
and Meduncook River

1943

CHIEF OF PARTY

Fred. L. Peacock

LIBRARY & ARCHIVES

DATE Nov 5, 1948

8-1870-1 (11)

5622

DATA RECORD

T-5622

Quadrangle (II): Monhegan Quadrangle (15') Maine Project No. (II): CS-272
Sub-Project CS-272-C

Field Office:

Air Photographic Party No. 2
Baltimore, Maryland

Compilation Office:

Air Photographic Party No. 2
Baltimore, Maryland

Instructions dated (II III):

January 12, 1942

April 1, 1942

Chief of Party:

Fred. L. Peacock

Chief of Party:

Fred. L. Peacock

Copy filed in Descriptive

Report No. T- (VI)

Div. of Photogrammetry
Office Files.

Completed survey received in office: 5 Nov. 1943

Reported to Nautical Chart Section:

Reviewed: 10/18/44

Applied to chart No. 313

Date: 9 Sept 1946

Redrafting Completed: 23 April 1945

Registered: 17 May 1948

Published: April 1947

Compilation Scale: 1:9,700

Published Scale: 1:10000

Scale Factor (III): 1.031

Geographic Datum (III): N. A. 1927

Datum Plane (III): Mean Sea Level
Mean High Water

Reference Station (III): HORN 1934, r. 1943

Lat.: 43° 58' 39.332" 1213.9 m. 01.610"
~~39.334" 1214.0 m 01.612"~~ 35.9 m

Adjusted ✓

~~Unadjusted~~

(Typed figures were revised 4/3/43).

State Plane Coordinates* (VI): Maine East Zone

X = 289,303.28 ft

Y = 53,603.59 ft.

Maine West Zone

X = 728,024.63 ft.

Y = 418,264.06 ft.

Military Grid Zone (VI) Not shown

* Reference Station "Horn, 1934" is in the East Zone. Area covered by two map manuscripts is in both the East and West Zones. ~~Station~~

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
7217	10/21/41	10:17a.m.	1:10,000	11.1' above M. L. W.
7098	10/20/41	10:46a.m.	1:10,000	10.5' above M. L. W.
7117 to 7119	10/20/41	11:12a.m.	1:10,000	9.9' above M. L. W.
7136 to 7138	10/20/41	11:45a.m.	1:10,000	8.6' above M. L. W.
7153 to 7155	10/20/41	12:05p.m.	1:10,000	7.6' above M. L. W.
7163 to 7166	10/20/41	12:22p.m.	1:10,000	6.8' above M. L. W.

Tide from (III): Predicted tide tables; reference station Portland, Maine, with corrections to Port Clyde, Maine
Mean Range: 9.3' Spring Range: 10.6'

Camera: (Kind or source) U. S. Coast & Geodetic Survey Nine lens Camera; (Focal length 8 $\frac{1}{4}$ "). All negatives are on file at the Washington Office.

Field Inspection by: Lieut. Comdr. Henry O. Fortin date: Spring and Summer, 1943

Field Edit by: date:

Date of Mean High-Water Line Location (III):

October 20 & 21, 1941

Projection and Grids ruled by (III) B.R.C. - J.T.B. date: August 16, 1943

" " " checked by: B.R.C. date: August 16, 1943

Control plotted by: William O. Norris date: August 19, 1943

Control checked by: Harry R. Rudolph date: August 20, 1943

Radial Plot by: Harry R. Rudolph & James E. Sunderland date: Aug. 21 to Aug. 25, 1943

Detailed by: Ada May Hobine (Western Part-shoreline and interior - rough draft) date: Aug. 27 to Oct. 20, 1943

Reviewed in compilation office by: Florence M. Hammond (Eastern Part-shoreline, interior, - rough draft) 8/27 to 10/20/43

Elevations on ~~Field Edit Sheet~~ ^{Map manuscript} checked by: Harry R. Rudolph date: October, 1943

STATISTICS (III)

Land Area (Sq. Statute Miles): 16 Square Statute Miles

Shoreline (More than 200 meters to opposite shore): 53. Statute Miles

Shoreline (Less than 200 meters to opposite shore): 7-1/4 Statute Miles

* Number of Recoverable Topographic Stations established: ²⁵~~16~~ by radial intersection, one by two sextant fixes -- Total: ~~27~~ 27

Number of Temporary ^{one by triangulation} Hydrographic Stations located by radial plot: ~~496~~
487

Leveling (to control contours) - miles: None

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: *The position of one otherrecoverable topographic station has been shown on the Map Drawing, namely, "Brick Chimney". (N.B.) Refer to the Descriptive Report of the main radial plot for the areas of Surveys Nos. T-5620 to T-5622 inclusive. (This ~~is~~ on the site of old "White House Cape", 1866)

Permission was granted by the Washington Office to the request in June 1843 by the compilation office to compile T-5622 on two map manuscripts; there is an eastern half and a western half, the dividing line being the center line of Meduncook River.

26 CONTROL:

The control plotted and the control transferred from adjoining Map Drawings consists of thirty-eight (38) U. S. Coast & Geodetic Survey Triangulation Stations. "Field Inspection Points" (F.I.P.'s) have been substituted for two of these stations. The triangulation stations have been shown with the conventional symbol and the F.I.P.'s with small squares, both of which have been drawn in acid ink. *← No F.I.P.'s in area of this sheet.*

The following twenty-six (26) U. S. Coast & Geodetic Survey Triangulation Stations fall within the detail limits of the Map Drawing:

S.R. = Discussed in Special Report on Main Radial Plot for T-5620, T-5621, and T-5622.

- HORN, 1934, r.1943
- FRIENDSHIP, WHITE SPIRE, 1934, r.1943
- CUSHING, CHURCH NO. 1, 1860, 1934, r.1943
- S.R. SEAVEY'S, J., HOUSE CHIMNEY, 1863, r.1943
- RIVER'S HOUSE, NORTH CHIMNEY, 1860, r.1943
- NARROWS, 1863, no recovery in 1943 n.d.
- TEAL'S, ADAM, HOUSE, CENTER OF CHIMNEY, 1863, r.1943
- MEDUMCOOK HILL, 1866, r.1943
- RED HOUSE CHIMNEY, 1866, r.1943
- HATCHET HILL, 1866, no recovery in 1943 n.d.
- +BRICK HOUSE, EAST CHIMNEY, 1866, (chimney destroyed) — *Not shown*
identified by East gable of house in 1943
- ONE STORY WHITE HOUSE CHIMNEY, 1866, r.1943
- STONE POINT, 1863, no recovery in 1943 *lost, 1934 - Not shown*
- S.R. STONE'S, J., HOUSE CHIMNEY, 1863 (incorrectly identified in 1943)
- MAPLE HILL, 1863, no recovery in 1943 *lost 1934 - Not shown*
- HATHORN HILL, 1863, no recovery in 1943 *lost 1934 - Not shown*
- S.R. HATCHET COVE, NORTH OF RED HOUSE CHIMNEY, 1866 (incorrectly identified in 1943)
- +WHITE HOUSE CHIMNEY, 1866, (chimney ^{and house} destroyed) identified by chimney site in 1943 *Consider station destroyed - Not shown*
- NORTHWEST POINT, WHITE HOUSE CHIMNEY, 1866, r.1943
- S.R. LONG ISLAND, 1866, (incorrectly identified in 1943)
- EAST OF COVE, WHITE HOUSE CHIMNEY, 1866, r.1943
- BURTONS ISLAND, RED HOUSE CHIMNEY, 1866, r.1943
- CARVERS ISLAND, 1866, r.1943
- *LOWER HUNGRY, 1866, no recovery in 1943 n.d.
- **CRANBERRY ISLAND HOUSE CHIMNEY, 1859, foundation of old chimney recovered in 1943, *reported lost 1934 Consider station destroyed - Not shown*
- *CALDWELL, 1859, no recovery in 1943 n.d.
- S.R. White House Capole, 1866 Destroyed, 1943 - Not shown*

The following twelve (12) U. S. Coast & Geodetic Survey Triangulation Stations fall just outside the detail limits of the Map Drawing:

- S.R. TURKEY CHURCH 2, 1934, no recovery in 1943.
- *CRANBERRY ISLAND, 1859, no recovery in 1943
- **OTTER ISLAND HOUSE CHIMNEY, 1859, (chimney destroyed) identified by hole in roof in 1943
- *CUSHING CHURCH NO. 2, 1860, r.1943

26 CONTROL: (cont'd)

- *RACCOON, 1860, 1934, r.1943, (F.I.P. "RAC")
- *LONE WHITE HOUSE, CENTER CHIMNEY, 1859, r.1943
- *BIRKMORE'S HOUSE, CENTER CHIMNEY, 1866, no recovery in 1943
- *MILLERS ISLAND, 1866, no recovery in 1943
- *HEATH'S HOUSE, WEST CHIMNEY, 1866, r.1943
- *HARRIS, 1866, no recovery in 1943
- *HUNGRY, 1856, 1934, r.1943
- *DELANO, 1934, r.1943, (F.I.P. "DEL")

*The positions of these stations have been transferred from adjoining Map Drawings upon which they had been previously plotted from geographic coordinates, and the stations have been shown with red acid ink triangles. All other stations have been shown with black acid ink triangles which indicate that their positions have been plotted directly on the Map Drawing from geographic coordinates.

+These stations have been shown by a dashed triangulation symbol which indicates that the original structures have been either destroyed or reconstructed. *None of these stations shown*

See also: "Classification of Horizontal Control" CS-272 B&C (1943)

27 RADIAL PLOT:

A detailed report of the combined radial plot, for the areas of Surveys Nos. T-5620, T-5621, and T-5622, is attached as an appendix to the descriptive report for Map Drawing Survey No. T-5621. *Also in Special Report File of Review Section.*

The positions of the secondary points and photograph centers, shown on the Map Drawing with small double purple or green ink circles, and large double purple ink circles respectively, were determined from the above mentioned radial plot. The red ink circles indicate positions of common points established by radial plots of adjoining surveys. The positions of all these points are believed to be within the limits of satisfactory accuracy.

Paragraphs 26 and 27
Respectfully Submitted by:

See also:

Report on Field Inspection of
Air Photographs from long.
69°30' northward to lat.
44°15' Season 1943
Project 272-C, F.L. Peacock.

Notes for Hydrographic Parties
Long. 69°30' N.E. ward to lat. 44°15'
..... Project CS 272-C Season 1943
F.L. Peacock.

In Review Section Files.

Walter E. Schmidt
Walter E. Schmidt
Asst. Photogrammetric Eng.
Supervisor of Planimetric
Mapping Unit

DESCRIPTIVE REPORT
FOR THE
WESTERN PART
OF
MAP DRAWING
SURVEY NO. T-5622

28 DETAILING:

The Western Part of Map Drawing, Survey No. T-5622 has been compiled in accordance with written instructions by the Director dated January 12 and April 1, 1942; for Project No. CS-272. *Filed in Division of Photogrammetry Office Files.*

The area was well covered by photography and the number of photographs was sufficient for detailing. The field inspection data were adequate except where otherwise mentioned in the following paragraphs.

All detail has been shown with the conventional topographic symbols, and descriptive notes calling attention to any deviation therefrom have been shown either on the Map Drawing or the Overlay Sheet. By this procedure it is believed that no difficulty will be encountered in interpretation of the planimetry.

The main bodies of water in the Western Part of Survey No. T-5622 are the Meduncook and Back Rivers, and Muscongus Bay. Along the shores of these waters and of others, shown on the Map Drawing, are long stretches of rock bluffs ranging in height from approximately 5 to 60 ft. There are also a few dirt bluffs.

The interior consists mainly of wooded areas grown with either the coniferous or deciduous species of vegetation. There were no areas which could be considered congested (towards one square statute mile or more in area).

Along the Mean High-Water Line where it was impossible to symbolize both bluffs and trees, only the bluff symbol (rock or dirt) was used, and descriptive notes, such as "Strip of trees all along bluff", were shown on the Map Drawing.

It is believed that all buildings, other than small outbuildings, have been shown. A few fences, the images of which were not visible on the office photographs, were detailed on the Map Drawing as sketched on the field photographs by the Field Inspection Party. Notes have been shown on the Map Drawing calling attention to these particular fences. It is believed that all other fences, the images of which were visible on the photographs, have been detailed on the Map Drawing. The character of all the fences has been shown by notes on the Map Drawing.

In instances where two different classifications were given for the same area of vegetation by the Field Inspection Party, both classifications *conflicting classifications eliminated* were shown by notes on the Map Drawing. The field inspection data for drainage areas was incomplete and therefore it was necessary to trace out the courses of a few streams by stereoscopy.

additional drainage added during review

28 DETAILING: (cont'd)

All roads shown with center line only, and the widths of which have not been shown by notes on the Map Drawing, are to be considered 0.6mm. wide.

The scales of the Map Drawing and the photographs were in fair agreement, and therefore, it was not necessary to use the vertical projector.

30 MEAN HIGH-WATER LINE:

The Mean High-Water Line (firm ground) was detailed in accordance with the field inspection data, and has been shown with a full heavy-weight black acid ink line, the center of which is believed to be the true position. The outer limits of marsh areas bordering the Mean High-Water Line were shown with a full light-weight black acid ink line. This light-weight line does not define the Mean High-Water Line; it only indicates the outer limits of the marsh areas visible on the photographs which were taken at approximately the time of High-Water on October 20 and 21, 1941.

See Review

31 LOW-WATER AND SHOAL LINES:

The approximate outer limits of shoal areas bordering the Mean High-Water Line were detailed directly from the Field Inspection photographs, and were shown with a long-dashed light-weight black acid ink line. The approximate outer limits of rock ledge bordering the Mean High-Water Line were shown with a short-dashed light-weight black acid ink line. The notes "APPROXIMATE LIMITS OF ROCK LEDGE" and "SHOAL" have been shown on the Overlay Sheet.

See Review

Shoal line
Rock ledge line

The above mentioned approximate limits, as detailed and shown on the Map Drawing, are for the use of Hydrographic Parties only, and should not be considered the position of the low-water line.

32 DETAILS OFFSHORE FROM THE HIGH-WATER LINE:

Offshore rocks and approximate limits of reef areas have been detailed in accordance with the field inspection data, and were shown with the conventional symbols. The extent to which the rocks and reef areas bare at Mean High-Water or Mean Low-Water has been shown by notes on the Overlay Sheet.

*Apparently these heights are not too reliable;
See correspondence from hydro party at end of this report.*

32 DETAILS OFFSHORE FROM THE HIGH-WATER LINE: (cont'd)

The approximate limits of two offshore mussel shoal areas have been detailed and shown with a dashed light-weight black acid ink line. The extent to which they bare at Mean Low-Water has been shown on the Overlay Sheet in conjunction with the note, "APPROXIMATE POSITIONS OF MUSSEL SHOALS".

33 WHARVES AND SHORELINE STRUCTURES:

It is believed that all piers, lobster traps, and marine railways, etc. have been detailed in accordance with the field inspection data, and have been shown on the Map Drawing with the conventional symbols. Notes have been made on the Overlay Sheet or Map Drawing calling attention to such structures. *Also on map manuscripts.*

34 LANDMARKS AND AIDS TO NAVIGATION:

No landmarks were recommended by the Field Inspection Party for the Western Part of Survey No. T-5622.

The positions of two Aids to Navigation, previously shown on Charts Nos. 313, 1203, and 1204, have been redetermined and submitted on Form No. 567. They have been shown on the Map Drawing with $2\frac{1}{2}$ mm. black acid ink circles. These two Aids to Navigation are Jameson Point Ledge Beacon (Recoverable Topo. Station), the position of which has been redetermined by two sextant fixes furnished by the Field Inspection Party; and Murphey Ledge Beacon (Recoverable Topo. Station), the position of which has been redetermined by radial intersection. *see Chaffetz #709 Oct. 1944*

35 HYDROGRAPHIC CONTROL:

The hydrographic control in the Western Part of Survey No. T-5622 consists of sixteen (16) Recoverable Topographic Stations and two hundred Forty-four (244) temporary Hydrographic Signals, all of which have been shown on the Map Drawing with $2\frac{1}{2}$ mm. black acid ink circles. The positions of all have been determined by radial intersection, except the Recoverable Topographic Stations "Brick Chimney" (formerly the U. S. Coast & Geodetic Survey Triangulation Station, "WHITE HOUSE CUPOLA, 1866") and Jameson Point Ledge Beacon. (N.B.) For a discussion of the station "Brick Chimney" refer to the descriptive report of the combined radial plot for the areas of Surveys Nos. T-5620 to T-5622 inclusive. The position of Jameson Point Ledge Beacon was determined by two sextant fixes furnished by the Field Inspection Party. *see 37 pages of descriptive report at end of this report.*

35 HYDROGRAPHIC CONTROL: (cont'd)

The names, numbers and descriptions of the Recoverable Topographic Stations, and the numbers and descriptions of the temporary Hydrographic Signals for the full area of Survey No. T-5622 have been tabulated in a list, two copies of which have been previously submitted to the Washington Office. A copy of the list is also submitted herein. *Carbon copy at end of this report.*

The names and numbers of the Recoverable Topographic Stations have been shown on the Map Drawing (Western Part). The numbers of the temporary Hydrographic Signals have been shown on the Overlay Sheet.

Form No. 524 has been submitted for the following sixteen (16) Recoverable Topographic Stations:

- 285 North Gable Shed Oct. 1941
303 City, Oct. 1941
312 Boat, Oct. 1941
335 Green Tank, Oct. 1941
349 East gable lower Section White Trim House, Oct. 1941
381 Tank, Oct. 1941
385 East Gable White Latticed House, Oct. 1941
399 Southeast Gable Two-Story Yellowish House, Oct. 1941
416 Jameson Point Ledge Beacon (Aid to Navigation), Oct. 1941
427 Murphey Ledge Beacon (Aid to Navigation), Oct. 1941
536 West Gable Light Shingled House, Oct. 1941
1086 South Gable Unpainted Barn, Oct. 1941
1091 Southernmost Gable on White House, Oct. 1941
1094 * West Gable Brick House, Oct. 1941
1377 South Gable Dark Shingled House, Oct. 1941
Brick Chimney, 1943 (On site of station "White House, Capola, 1866")
(1460) * Same house as Recov. Topo sta. "E. Gable Red House, Dark Roof, 1941" ∴ not shown
- 37 JUNCTIONS:

Satisfactory junctions of the shore line and interior planimetry were made with the following adjoining Map Drawings:

- Map Drawing, Survey No. T-5623 - to the North
Map Drawing, Survey No. T-5621 - to the South
Map Drawing, Survey No. T-5998 - to the West

Since the Western Part of Map Drawing, Survey No. T-5622 joins the Eastern Part along approximately the center line of the Meduncook River, no junction of planimetry needs to be considered.

38 CABLE CROSSING AREA:

A cable crossing area between Friendship Island and Jameson Point as shown on Chart No. 313, has been transferred to the Map Drawing by use of the vertical projector. The limits of the area have been shown with dashed red acid ink lines. A descriptive note has been shown on the Map Drawing for purposes of clarification. *Removal from sheet.*

39 RECOMMENDATIONS FOR FUTURE SURVEYS:

The planimetry shown on the Map Drawing is believed to be complete in all details of importance, and no additional surveys are recommended.

Recommended by the Navy to be added to the map.
It is believed that the probable error in the positions of radial points and well-defined objects along the shore line, and the positions of inland radial points and details of importance, does not exceed 1.0mm. *1.0mm*

40 GEOGRAPHIC NAMES:

An investigation of geographic names, part of which pertains to the area of Survey No. T-5622, was made by Lieut. Comdr. Henry O. Fortin in the fall of 1942 and the summer of 1943. This Compilation Office was furnished with all the data obtained by the investigation. *L.A.*

The disputed and undisputed geographic names in the Western Part of Survey No. T-5622 have been compiled alphabetically in two separate lists and submitted herein.

41 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

Monhegan Quadrangle (15'), Maine; published May 1906, reprinted 1921; Scale 1:62,500.

Because of the large differences in scale between the Map Drawing and the above mentioned quadrangle, planimetric detail could not be readily compared. However, a marsh area shown at approximately Latitude 43° 59' 45" and Longitude 69° 20' on the quadrangle, has not been shown on the Map Drawing. The Field Inspection Party classified the vegetation in this area as coniferous and deciduous trees over ten feet high. No mention was made that a marsh area existed. *Tone of the area on the photo does not indicate a swamp.*

45 COMPARISON WITH NAUTICAL CHARTS:

Chart No. 313, scale 1:40,000, published July, 1933; reissued August, 1938, corrected to April 12, 1942.

Because of differences in scale between the Map Drawing and the above mentioned chart, planimetric detail could not be readily compared. However,

45 COMPARISON WITH NAUTICAL CHARTS: (cont'd)

planimetry common to both is in fair agreement with the exceptions noted below.

At approximately Latitude $43^{\circ} 58' 20''$ and Longitude $69^{\circ} 21' 40''$, the shape of Crystal Lake has changed.

In general, and especially in the vicinity of Latitude $43^{\circ} 56' 30''$ and Longitude $69^{\circ} 21' 30''$, and Latitude $43^{\circ} 57' 00''$ and Longitude $69^{\circ} 20' 00''$; numerous rocks awash appear on the above mentioned chart that have not been shown on the Map Drawing because the images of these rocks were not visible on the photographs and no field inspection data were furnished. In general, these rocks fall within the approximate limits of rock ledge areas as shown on the Map Drawing. *Also shown as ledges and reefs on previous surveys and hydro surveys.*

Chart No. 1203, scale 1:80,000, published June 1936; reissued April 1938; corrected to March 23, 1943.

Chart No. 1204, scale 1:80,000, published March 1942, corrected to April 12, 1942.

Because of differences in scale between the Map Drawing and the above mentioned charts; planimetric detail could not be readily compared. However, planimetry common to both is in fair agreement with the exceptions noted below.

At approximately Latitude $43^{\circ} 58' 20''$ and Longitude $69^{\circ} 21' 40''$, Crystal Pond as shown on the Map Drawing does not appear on the above mentioned charts.

At approximately Latitude $43^{\circ} 59' 50''$ and Longitude $69^{\circ} 21' 10''$, Forest Pond as shown on the Map Drawing does not appear on the above mentioned charts.

Respectfully submitted
October 25, 1943

Ada May Hobine
Ada May Hobine
Jr. 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 Eng.

Approved & Forwarded:
November 2, 1943

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

DESCRIPTIVE REPORT
FOR THE
EASTERN PART
OF
MAP DRAWING,
SURVEY NO. T-5622

28 DETAILING:

The detail limits of the Eastern Part of Map Drawing, Survey No. T-5622 are from Latitude $43^{\circ} 56' 15''$ to Latitude $44^{\circ} 00' 00''$ and Longitude $69^{\circ} 15' 00''$ to the approximate center line of the Meduncook River.

That part of the field inspection data used for interpretation of the planimetry was adequate, unless otherwise mentioned in the following paragraphs. The number of photographs was sufficient for office detailing.

The conventional topographic symbols were used to show the planimetric detail and any deviation therefrom was shown by notes on either the Map Drawing or Overlay Sheet.

Portions of the St. George and Meduncook Rivers are the main bodies of water within the detail limits of the Eastern Part of this Map Drawing. The general character of the shore line of all the bodies of water is rocky. There are rock bluffs ranging in height from six to forty feet.

The interior consists mainly of wooded areas grown with coniferous and deciduous vegetation. However, there are a few cultivated areas and a few small villages. None of the villages could be considered congested urban districts.

Purple ink circles shown on the glossy side of the Map Drawing denote positions of points believed to be relatively strong. Green ink circles denote relatively weak positions of points.

It is believed that all buildings, public or otherwise, where visible on the photographs, have been detailed and shown on the Map Drawing.

No field inspection data were furnished for the area north of Latitude $43^{\circ} 58' 20''$, between the east shore of the St. George River and Longitude $69^{\circ} 15' 00''$. This area was classified and detailed in accordance with stereoscopic examination of the photographs. *The shore line was inspected. See F.P. 153. The interior is practically all dense woods.*

It is believed that the field inspection data for drainage areas were incomplete. It was obvious from stereoscopic examination of the photographs, that there were a few drainage features not identified by the Field Inspection Party. Such drainage was shown on the Map Drawing with a long dashed light-weight black acid ink line.

All questionable planimetric detail shown on the Map Drawing is accompanied by descriptive notes. *Detail checked and notes removed.*

The classification of all roads has been shown by notes on the Map Drawing and is in accordance with the field inspection data. All roads except trails, are to be considered 6.0 meters wide, unless otherwise shown by detail or notes.

Shoreline corrected to agree with changes as noted
by 1944 hydrographic party on field photo No. 7154.
Area of change indicated "#4", "#5", "#6" in
yellow ink.

L.H. Mohr 7/24/44

When review is made check
this sheet very carefully against
old maps.

See Review.

J.R. 10/6/44.

28 DETAILING: (cont'd)

It was necessary to use the vertical projector in detailing a few areas.

30 MEAN HIGH-WATER LINE:

The Mean High-Water Line (firm ground) has been detailed in accordance with the field inspection data, and has been shown with a full heavy-weight black acid ink line on the Map Drawing. *See Review*

The outer limits of one small marsh area which borders the Mean High-Water Line have been shown with a full light-weight black acid ink line, which, however, does not necessarily define the Mean High-Water Line. It is only an indication of the outer limits of vegetation visible on the photographs, which were taken at approximately the time of High-Water. *Shore note to be printed.*

31 LOW-WATER AND SHOAL LINES:

The approximate outer limits of shoal areas and of rock ledge bordering the Mean High-Water Line have been detailed in accordance with the field inspection data, and have been shown with long dashed and short dashed black acid ink lines respectively. The notes "Shoal" and "Approximate limits of rock ledge" have been shown on the Map Drawing to assist interpretation of such detail. *Shoal limits*

Offshore shoal areas are to be discussed in paragraph No. 32. *Ledge "*

32 DETAILS OFFSHORE FROM HIGH-WATER LINE:

Features offshore from the Mean High-Water Line have been detailed in accordance with the field inspection data, and shown on the Map Drawing with the conventional symbols. In general, such features were rocks, reefs, and shoal areas. The extent to which the rocks and reefs bare at Mean High-Water or Mean Low-Water has been shown by notes on the Overlay Sheet.

Not reliable, see correspondence with hydro party.

33 WHARVES AND SHORE LINE STRUCTURES:

Piers, catwalks, cribbing, etc., were detailed in accordance with the field inspection data, and notes calling attention to such structures have been shown on the Overlay Sheet.

34 LANDMARKS AND AIDS TO NAVIGATION:

No landmarks or fixed aids to navigation are shown on the Eastern Part of this Map Drawing. Floating aids to navigation appearing on the nautical charts covering the Eastern Part of this Survey were not considered.

35 HYDROGRAPHIC CONTROL:

The hydrographic control shown on the Eastern Part of Map Drawing, Survey No. T-5622 with $2\frac{1}{2}$ mm. black acid ink circles, consists of two recoverable topographic stations, and two hundred fifty-two temporary hydrographic stations, the positions of all of which have been determined by radial intersection.

The numbers of the temporary hydrographic stations have been shown on the Overlay Sheet and the names and numbers of the recoverable topographic stations have been shown on the Map Drawing.

The names, numbers, and descriptions of the recoverable topographic stations, and the names and descriptions of the temporary hydrographic stations have been compiled in a list, two copies of which have been previously submitted to the Washington Office. A copy of the list is also submitted herein. The list is complete for both parts of the Map Drawing, Survey No. T-5622.

Form No. 524 has been submitted for the following two recoverable topographic stations: *Additional stations listed in review.*

No. 832 - East Gable, house in woods *Oct. 1941*

No. 561 - Clam, *Oct. 1941*

36 RECOMMENDATIONS FOR FUTURE SURVEYS:

The planimetry shown on the Eastern Part of this Map Drawing is believed to be complete in all details of importance and no additional surveys are recommended. *Off shore details should be verified by hydrographic survey.*

It is believed that the probable error in the position of radial points and well-defined objects along the shore line and in the interior does not exceed 1.0mm.

37 JUNCTIONS:

Satisfactory junctions of shore line and interior planimetry were made with Map Drawings, Surveys Nos. T-5623 to the north and T-5621 to the south.

37 JUNCTIONS: (cont'd)

The two parts of Map Drawing, Survey No. T-5622 join together along the approximate center line of the Meduncook River. Since this center line passes through all water area, no junction of shore line or interior planimetry need be considered.

The compilation of Map Drawing, Survey No. T-8002, which is to the east, has not been started. The junction with this Map Drawing will be made at a later date. *checked during review*

40 GEOGRAPHIC NAMES:

An investigation of geographic names made in 1942 and 1943 by Lieut. Comdr. Henry O. Fortin, covered the area of Survey No. T-5622. *X* The data obtained from this investigation were submitted to this Compilation Office. The names appearing on the Eastern Part of the Map Drawing were taken from the data and have been tabulated in lists (disputed and undisputed) which are submitted herein.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

Monhegan, Maine (15') Quadrangle, U. S. Geological Survey, edition of May 1906, reprinted in 1921, scale 1:62,500.

Because of the difference in scale between the Map Drawing and the above-mentioned quadrangle, small planimetric detail could not readily be compared. However, planimetry common to both is in fair agreement with one exception.

At approximately Latitude $43^{\circ} 58' 50''$ and Longitude $69^{\circ} 18' 22''$; a narrow strip of land extending out from the eastern shore of Bradford Point approximately 90 meters in a southeasterly direction, as shown on the Map Drawing, does not appear on the above-mentioned quadrangle. *This strip of land is below H.W.L. Corrected on map manuscript.*

45 COMPARISON WITH NAUTICAL CHARTS:

Chart No. 312, published in May 1943, corrected to August 24, 1943, scale 1:40,000.

Chart No. 313, published in July 1933, reissued in August 1938, corrected to April 12, 1942, scale 1:40,000.

Small planimetric detail could not readily be compared between the above-mentioned charts and the Map Drawing because of the difference in scale. Planimetry common to both, however, is in fair agreement with the following exceptions.

45 COMPARISON WITH NAUTICAL CHARTS: (cont'd)

(This is strip of land mentioned on previous page. Corrected on map manuscript so that there is a small island there as well as on chart.)
At approximately Latitude $43^{\circ} 58' 50''$ and Longitude $69^{\circ} 18' 22''$, a small island as shown on the afore-mentioned charts is now joined to the eastern shore of Bradford Point as shown on the Map Drawing.

Numerous rocks awash are shown on the afore-mentioned charts that have not been shown on the Map Drawing, because their images were not visible on the photographs and no field inspection data pertaining to them have been furnished.

Chart No. 1203, published in June 1936, reissued in April 1938, corrected to March 23, 1943, scale 1:80,000.

Chart No. 1204, published in March 1942, corrected to April 12, 1942, scale 1:80,000.

Comparisons of small planimetric detail could not readily be made between the above-mentioned charts and the Map Drawing because of the difference in scale. However, planimetry common to both is in fair agreement with the following exception.

At approximately Latitude $43^{\circ} 58' 50''$ and Longitude $69^{\circ} 18' 22''$, a narrow strip of land extending out from the eastern shore of Bradford Point approximately 90 meters in a southeasterly direction, as shown on the Map Drawing, does not appear on the above-mentioned charts.

Discussed above.

LIST OF GEOGRAPHIC NAMES (Eastern Half)

Undisputed

Bird Point
Bradford Point
Burton Point
Caldwell Island
Crotch Island
Davis Cove
Deep Cove
*Folger Ledge (not shown)
Gay Cove
*Gay Cove Ledge (not shown)
Gay Island
Glenmere (village)
*Henderson Ledge (not shown)
Hornbarn Cove

Howard Point
Howard Pond
Maple Juice Cove
Meduncook River
Narrows
Pleasant Point
Pleasant Point (village)
Pleasant Point Gut
St. George River
South Cushing (village)
Stone Point
Turkey Cove
Turkey Point

See attached list of approved geographic names.

Disputed

Teal Cove

Teal's Cove

*These geographic names pertain to features that fall within the detail limits of the Eastern Part of this Map Drawing but have not been shown because their images were ^{not} visible on any of the photographs, and because no field inspection data were furnished for them.

Respectfully submitted,
November 2, 1943

Florence M. Hammond
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Jr. Photogrammetric Aid

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(Western Half)

LIST OF GEOGRAPHIC NAMES

Undisputed

Ames Cove
Back River
Cranberry Island
Crotch Island Ledges
Crystal Pond
Delano Cove
Friendship
Friendship Harbor
Garrison Island
Gull Rock
Hatchet Cove
Hungry Island
Lobster Gut

Martin
Martin Point
Meduncook River
Minister Gut
Morse Island
*Morse Ledge (not shown)
Murphy Ledge
Neds Point
Nubbins
Ram Island
Sand Island
Wharton Island

The attached list of approved geographic names.

*This geographic name pertains to a feature within the detail limits of the Map Drawing. This feature has not been shown because it was not visible on the photographs and no field inspection data was furnished.

LIST OF GEOGRAPHIC NAMES

Disputed

Forest Pond

Forest Lake

Friendship Island

Friendship Long Island

Jameson Point

Davis Point

N. E. Point Reef

Morses Bar

All are pending
with U.S.B.G.H.: use
old names pending
decisions L.A.

DESCRIPTIONS OF
TEMPORARY HYDROGRAPHIC SIGNALS, AND NAMES
AND DESCRIPTIONS OF RECOVERABLE TOPOGRAPHIC STATIONS
LOCATED BY RADIAL PLOT ON MAP DRAWING,
SURVEY NO. T-5622
PROJECT NO. CS 272
SUB-PROJECT NO. CS 272 C

Total 511 Stations

Eastern Half Compiled by Florence M. Hammond

Western Half Compiled by Ada May Hobine

Copy Checked by Edwin Whittemore, Jr.

NOTE:-The numbers in parenthesis, such as (8'), included in the majority of the descriptive notes indicate heights above Mean High Water.

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
174	Lone 20' pine tree leaning towards North.
175	(T. S.) W. gable grey large boat house.
176	(T. S.) N. gable of white house (paint coming off) on E. side of cove. (17')
177	(T. S.) N. gable of two story white house at head of cove (paint peeling off). There are two houses to N. W. of it. (25')
178	S. E. corner of stone pier (0')
179	(T. S.) N. gable of grey two story house in field on point. (23')
180	(S. S.) Edge of vegetation on point. (1')
181	S. E. corner of stone pier. (0')
182	Pointed 6' boulder on point. (3')
183	Saddle shaped 6' boulder in front of large grey ledge. (2')
184	Center 4' boulder in a group of three. (2')
185	4' boulder with brown spot on left side (pointed on right side). (2')
285	"North Gable Shed"-Station is the N. gable of a shed on the N. E. tip of Cranberry Island. There is a white square on the side of the shed. (40') recover-able topo. station.
298	Center higher outer rock on point. (5')
299	Top center of reef. (2')
300	6' boulder edge of grass line. (10')

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
301	Highest rock in center of reef in bight. (8')
302	Crevice between two large rocks. (0')
303	"CITY"—Station is a standard bronze disc cemented in the top of an eight foot white boulder, on the S. W. tip of Friendship Island. Boulder is at H. W. L. and 2.0 meters N. W. of M. H. W. (8') Recoverable Topo. Sta.
304	Pointed white rock on edge of high water line. (10')
305	Point of grass on rounding point. (3')
306	Point of rock N. W. of cove. (10')
307	(T. S.) West gable of northerly house. "T" shape with red gable. (30')
308	Flat rock with little crevices set up like brain work. W. of bight. (8')
309	High part of rock to left of small crevice. (8')
310	10' boulder with black specks on top on south side of bight. (8')
311	Flat top rock in S. side of bight. (4')
312	"BOAT"—The station is a standard bronze disc cemented in a drill hole on highest part of rock with grass and raspberry bushes on top. Mark is in narrow strip of bare bed rock that runs to center of grass patch. Distance to M. H. W. on N. E. side of islet is 9.2 meters. (12') Recoverable Topo. Sta.
313	Corner of granite stone wall E. side of bight. (5')
314	Top center of white-crust granite rock. N. westerly point (10')

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<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
316	High point of round bare rock on point north of bight. (15')
317	Flat rock with white streak across top. (5')
318	Edge of grass line on flat rock crevice to south. (4')
319	(T. S.) N. W. gable of yellow colored house. (30')
320	8' round boulder on point west of house. (5')
321	N. end of grass line on island. (5')
322	N. W. corner of "L" shape pier. (4')
323	15' bushy spruce on south side of bight. (15')
324	10' spruce on W. point on edge of grass line. (8')
325	N. W. corner of wooden pier. (3')
326	Top center of rounding top rock. Grass growing between cracks. (6')
327	N. W. corner of stone pier. (5')
328	20' spruce tree to left of rocky space. Light rock in front of tree. (4')
329	N. corner of wooden pier with white railing. (5')
330	Top center of off shore reef. Several jagged, pointed rocks. (4')
331	6' brown boulder 25 meters from shore. (3')

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
332	Grass line on rocky point. Point is North. (6')
333	North end of wrecked boat 100 meters from shore. (1')
334	Most southerly of three 40' spruces 40' apart. (5')
335	"Green Tank"—Station is top of green tank located in between two gray shingled buildings near the N. E. tip of Friendship Island. (50') recoverable topo. sta.
336	White rock on N. W. corner of offshore reef. (3')
337	N. gable of higher section of gray shingled house. (50') T. S.
338	Gin pole on pier. House on beginning of pier. (25')
339	Black rock on rounding point with 20' bushy spruce in back. (6')
340	Top rounding parts of flat rock on northern point. (3')
341	3' brown boulder 10 feet from grass line. (2')
342	High point of rock reef pointing N. (4')
343	Top center of 90' long rocky reef grass on top of rocks. (7')
344	40' Christmas spruce. Brown boulder in front 3 trees leaning in back. (6')
345	N. W. corner of wooden pier heading east. (6')
346	East gable of greenish yellow two story house. (30')(T.S.)

SIGNAL NUMBER

DESCRIPTION

347	S. W. corner of wooden pier. (5')
348	8' boulder on beach 10' from grass line. (3')
349	"E. Gab. Lower Section WH. Trim House"—Station is the E. gable of the lower section of house with white trimmings, on E. shore of Friendship Island. (40') recoverable topo. sta.
350	High part of brown reef. (2')
351	6' square brown boulder 150 feet off HWL. (4')
352	Two six foot spruce trees at edge of vegetation. (4')
353	Lone squally 8' spruce on edge of grass line. (6')
354	E. gable of light yellow "L" shaped house with green trimmings. (35')(T. S.)
355	E. gable of two story white house, green roof, green shutters on windows. (40')(T.S.)
356	5' boulder in bight, 30' from edge of vegetation. (3')
357	8' round boulder north of smaller boulder, 30' from vegetation line. (4')
381	"TALK"—The station is a standard bronze disc cemented in a drill hole in the highest and dome like part of the most Southerly rock. Mark to M. H. W. on N. E. side of rock is a 8.6 meters, and 8.3 meters to M. H. W. on W. side of rock. (15') recoverable topo. sta.
382	6' gray boulder on pebbly beach. (6')(S. S.)
383	(S. S.) N. E. end of stone ramp. (0')

SIGNAL NUMBER

DESCRIPTION

384	(S. S.) Large gray rock on point, top center of rock. (8')
385	"E. Gab. Latticed House"—Station is the E. gable of white latticed eve house with green trimmings; in small rounding cover just N. E. of Martin Point. (45') recoverable topo sta.
386	(S. S.) S. E. corner of wooden pier on 3 stone bases. (8')
387	(S. S.) Top center of outer point of old pier, 8 stakes sticking up among rocks (1')
388	(S. S.) S. E. corner of remains of stone pier 80 yds. from shore (7')
389	(S. S.) High water rock. House to west. (1')
390	(S. S.) 8' square shaped boulder. (7')
391	(S. S.) 5' gray and brown streaked boulder on rounding point 8' from grass line (5')
392	(T. S.) N. gable cream colored 1 story house with green shutters, gray roof. Building to North also with green shutters. (45')
393	(S. S.) Edge of vegetation on rounding point. (4')
394	(T. S.) N. gable of two story white house, old paint, "T" shaped house. (40')
395	(S. S.) S. E. corner of wooden pier set on 3 stone pillars with sticks around pillars. (10')
396	(S. S.) N. E. corner of wooden pier. Large rocks at beginning of pier. (8')
397	(S. S.) S. E. corner of wooden pier, built off of rock ledge. (6')

SIGNAL NUMBER

DESCRIPTION

398	(S. S.) N. E. corner of short wooden pier. Small shed to south. (4')
399	"S. E. Gab. Two-Story Yellowish House"--Station is the S. E. gable of a light yellowish brown house with brown trimmings and one chimney, at N. W. end of Hatchet Cove. (40') Recoverable Topo Sta. /
400	(S. S.) N. E. corner of wooden pier. (6')
401	(T. S.) S. E. gable of garage. Middle of group of three buildings. (35')
402	(T. S.) S. gable of "L" shaped white house. (45')
403	(T. S.) W. gable of gray house with green trimmings. Flagpole on W. gable. (45')
404	(S. S.) Foot of bush at edge of grassline directly in back of group of boulders. (4')
405	(S. S.) Top of large boulder with face drawn on side. (8')
406	(S. S.) 7' boulder on rounding point. 30' from vegetation line. (5')
407	(S. S.) Point of rock at HW, gravel inshore from rock. (0')
408	(S. S.) Granite boulder sitting on grass and rocky beach. N. of point 60 m. (6')
409	(S. S.) N. W. corner of wooden pier. Float and gang plank on end of pier. (5')
410	(S. S.) 8' boulder N. of rounding point. 30' from vegetation line. (6')

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SIGNAL NUMBER

DESCRIPTION

411	(S. S.) Top center of northerly high water rock. (5')
412	(T. S.) W. gable of 2½ story cottage, red shutters and white trimmed windows. (35')
413	(S. S.) S. W. corner of stone quay. Float on end of pier. Reddish brown house to E. (5')
414	(S. S.) S. W. corner of wooden pier with wooden poles. (8')
415	(S. S.) S. W. corner long wooden pier. (7')
416	"Jameson Point Ledge Beacon"—Station is the Aid to Navigation Jameson Point Ledge Beacon, which is a red cask on end of an iron spindle. (6') Recoverable 20'
417	(S. S.) Top center flat top rock S. W. tip of island. Pointed rock just inshore. (6')
418	(S. S.) Top center of grass plot on small island. (12')
419	(S. S.) 4' white boulder on sloping rock point 4' from grass line. (8')
420	(S. S.) Top center of flat rock separated from rocky point by small crevice. (2')
421	(S. S.) Top center of outer high water rock. Crevice between two parts of rock. (3')
422	(S. S.) Northerly and larger of two white boulders. 5' from grass line. (6')
423	(S. S.) Just back of "V" shaped groove on N. end of large rock island. (8')

T-5622

SIGNAL NUMBER

DESCRIPTION

424	(S. S.) 5' rectangular boulder, in between two vegetated islands. (3')
425	(S. S.) Double spruce trees at S. end of island. At end of vegetation line. (5')
426	(S. S.) 7' round boulder S. of reef. (5')
427	"Murphy Ledge Beacon"—Station is the Aids to Navigation Murphy Ledge Beacon, which is a black cask on bilge on end of iron spindle. (20') Recoverable Topo Sta.
428	(T. S.) S. gable of house with "Shell" gasoline sign on S. side on end of large pier. (25')
429	(S. S.) Corner of wooden retaining wall by square white building attached to house (5')
430	(T. S.) E. gable of gray building on end of pier. (24')
431	(T. S.) E. gable of small Gulf station on end of pier. (16')
432	(S. S.) Dark part of jagged rock on S. W. side of rounding point. (4')
433	(S. S.) Top center of high water rock. (4')
434	(S. S.) High water mark by first tall tree south of gap. (0')
435	(S. S.) Top center of high water rock off of rock point. (1')
436	(S. S.) High water rock off of point, green grass N. of point. S. of two similar points. (2')

T-5622

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
437	(S. S.) High water rock on N. side of rock point. (5')
438	(S. S.) S. W. corner of long wooden pier. 5 sets of cribbing. (4')
439	(T. S.) S. gable of larger light shingled boat house, at beginning of pier. Tar papered build- ing attached to south. (30')
440	(T. S.) $1\frac{1}{2}$ story yellow house W gable, N. of flag pole. (25')
441	(S. S.) W. end of white quartz rock. Black rocks on each side, N. of bight. (5')
442	(S. S.) Westerly of two boulders on point. (3')
531	(T. S.) Pricked base of 50' flag pole at Burnt Island C. G. Station, to west of C. G. Sta. (15') Not on survey No T-5622
532	(S. S.) S. end of brush line on small rocky island. (5')
533	(S. S.) Lone 40' spruce N. of gray shingled house. (4')
534	(S. S.) Most westerly of two large boulders sitting on rocky rounding point. (5')
535	(S. S.) Largest of several rocks on point on east side of pt. (2')
536	"W. Gab. Light Shingled House"—Station is the W. gable of a light shingled house with green trimmings. There is a shed to the N. E., located on the N. end of Morse Island. (60') Recoverable Topo Sta.

T-5622

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
537	(S. S.) Most northerly of two light rocks at high water line. (3')
538	(S. S.) White boulder near end of rock point, at end of white strip of rocks. (3')
539	(S. S.) S. end of island at end of vegetation line, brush on end. (4')
540	Top center of group of piled boulders. N. W. of rock reef, part of reef at low water. (3')
541	(S. S.) White point on rocky point. (4')
542	(S. S.) Spruce tree at S. end of island. (7')
543	(S. S.) Grass and brush patch on rocky point, old float on shore to east of pt. (5')
544	(S. S.) Boulder awash at high tide. (0')
545	(T. S.) W. gable small white house on point, mostly hidden by trees. (20')
546	(T. S.) W. gable three story boat house on pier. (40')
547	(S. S.) End of white streak in rock to N. W. of float on shore. (0')
548	(T. S.) N. E. gable tarpaper boat house. (18')
549	(T. S.) Stone chimney of low flat house. Chim. on W. end of house nearest shore. (45')
550	(S. S.) End of br. on edge of rocks on rounding point. (6')

T-5622

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
551	(S. S.) Top of N. end of white colored rocks along rocky bluff. (8')
552	(S. S.) N. E. corner at grass line, light strip of rock, E. of pt. (12')
553	(S. S.) Rock cairn on pt. on edge of grass line. (8')
554	(S. S.) Knob on rocky reef in bight, guano on top. (4')
555	(S. S.) Bush at edge of grass on rounding pt. (4')
556	(S. S.) 4' boulder on gravel beach in bight. (5')
557	(S. S.) N. end of white streak in rock, tall trees to N. (8')
558	(S. S.) Lone 20' spruce S. side of grassy park on W. side of main woods, small forest of small trees. N. W. (6')
559	(SS) N. end of group (of 6 or 8) 10' spruce trees. E. of pt. (4')
560	(SS) Lone 5' spruce on N. W. side of rounding pt. On edge of grass line. (5')
561	"CLAM"—A standard bronze disc, stamped 8CLAM 1943", cemented in a drill hole in the rock outcrop, at the tip of grass line on N. end of a small islet off S. E. end of Gay Island; 11.0 m. from MHW line on W. side; 15.0 m. from MHW line on N. tip of islet, and 18.0 m. from MHW line on E. side. (Recoverable Topographic Station)
562	(SS) N. end of group of trees in park, N. side of rounding pt. Bushes at base. (6')
563	(SS) 4' boulder, at H. W. line. (4')

T-5622

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
564	(SS) Round top 5' boulder at edge of grass line. S. of rounding pt. (5')
565	(SS) Lone 10' spruce in bight S. of double 40' Christmas spruce. (5')
566	(SS) Most westerly of two trees together N. E. of rounding pt. (8')
567	Gray 3' boulder on grass on rounding pt. Several smaller rocks in front of it. 60' in on grass line. (15') (SS)
568	(SS) White part of rocks on pt. at tip of grass line. (3')
569	(SS) 6' black boulder N. side of bight (5')
570	(SS) Lone 35' spruce on hill smaller trees in- shore. (25')
571	(TS) S. W. gable -- 2 story lighthouse--gray roof. (45')
572	(SS) N. E. end of rocks offshore, S. of 50' spruce. (1')
573	(SS) 8' light boulder in bight offshore 5' (3')
574	(SS) N. E. gable -- small gray shed at end of bight. (20')
575	(SS) Grass line on top of rocks on rounding pt. (8')
576	(TS) S. gable -- one story house, semi-ellipse window on side. (30')
577	(SS) Top high water rock in passage between Gay Island and main land. S. W. of Pleasant Pt. (2')

T-5622

SIGNAL NUMBER

DESCRIPTION

578	(SS) Rock cairn on edge of grass line on rocky pt. Piece of wood sticking up on it. (6')
579	(TS) E. gable of 2 story house with green roof, flag pole on E. end, porch on E. end. (60') <i>Tops</i>
580	(SS) Lone 5' tree on grass, 3' white boulder to N. E. of tree on rounding pt. (7')
581	(SS) Southerly of 2 white granite boulders near edge of forest line. (18')
582	(SS) 12' lone spruce bare at bottom. (6')
583	(TS) N. gable white house, red roof (60')
584	(TS) S. W. gable white house on hill, 3 windows on E., barn to W. (45')
585	(TS) W. gable white house, two sections - 4 dormer windows on S. side. (70') <i>Tops</i>
586	(TS) E. gable 2 story gray house, chimney on top --on islet. (20')
587	(SS) Dark Rock on rounding pt. with hole in top. (4')
588	(SS) Rocks off pt. on S. side of island, awash at high tide. (0')
589	(SS) Flat rock shelf on point, dead trees inshore. (2')
590	(SS) Outer centerline of small wooden pier. (3')
591	(SS) Base of white 35' flag pole on pt. (5')

T-5622

SIGNAL NUMBER

DESCRIPTION

592	(TS) N. E. gable gray one story house with white trimmed windows. (3')
593	(TS) S. gable boathouse, brown top, white bottom. (25')
594	(SS) N. E. corner of wooden pier at beginning of bight, W. side. (5')
595	(TS) S. gable white "L" shaped house, easterly of two. (70')
596	(SS) S. corner of pier with gas pump on end. (3')
597	(SS) Point at edge of brush line rock pt. (3')
598	(SS) Top center of high part of small rock island, connected to land at L. W. (4')
599	(SS) Top center of high water rock. (4')
600	(SS) Lone 20' bushy spruce on point, bushes just in shore. (12')
601	(SS) Pointed 12' boulder on rock point, marsh grass just inshore. (5')
602	(TS) Base 50' white flag pole in front of large two story white house. (15')
603	(SS) Brownish high water rock 30' from grass line. (1')
604	(SS) S. E. corner of wooden pier - 5 sets of cribbing, boat garage under house at head of pier. (5')

T-5622

SIGNAL NUMBER

DESCRIPTION

605	(TS) S. gable small white house on pt. three grouped windows on side. (18')
606	(TS) Top cupola on top of white barn, S. W. of white house, weather vane on top of cupola. (50')
607	(TS) Base of 45' white flag pole. W. of brown house - green roof. (18')
608	(SS) 6' gray topped boulder on point. (2')
609	(TS) N. E. gable low flat white house E. of tall trees. (30')
610	(TS) S. gable old gray building on N. side of point - 3 windows in S. side.
611	(TS) W. gable white house in bight, green window shutters. (28')
612	(SS) Peak of W. corner green shingled shed, slanting roof, with white door. (12')
613	(SS) N. gable old dirty white shed inshore from flat rocks. (12')
614	(TS) E. gable two story white house, green trimmings, flag pole to W., slanting roofed shed on W. side of house. (40')
615	(SS) Gray flat top rock on pt. Brown streak across it and small rocks on top. (1')
616	(SS) Edge of brush on rounding pt. (5')
617	(SS) Stern of old boat with bow in woods. (4')
618	(TS) E. gable "T" shaped house on hill at end of bight. (60')

SIGNAL NUMBERDESCRIPTION

619	(SS) 5' white boulder on gravel beach on edge of H. W. line. (1')
620	(SS) 10' brush in opening in park on rounding pt. (10')
621	(TS) S. W. gable low brown house - porch roof is green. (35')
622	(TS) S. gable low brownish house with white trim- ming in bight. (30')
623	(TS) N. gable house on point - green ornamental shutters - 4 windows on shore side. (20')
624	(SS) Edge brush on S. E. end of islet. (6')
625	(SS) Highest part of rocky reef. Large boulder with white on top. (4')
626	(TS) S. W. gable white and gray house, blue trim- mings - porch in front with slanting roof. (35')
627	(SS) Centerline pier with shed at beginning of pier, larger shed to the W., another pier to N. (4')
628	(SS) Center foot of clay bank where it meets gravel beach on pt. (4')
629	(SS) N. end of white part on top of gray rocky point. (3')
630	(SS) Small brown boulder S. E. of stump. (2')
631	(SS) Most N. W'ly 40' spruce, fallen tree to S. E. (10')
632	(SS) Top center of pointed roof on end of pier. Flag pole on top. (15')

T-5622

SIGNAL NUMBER

DESCRIPTION

633	(TS) E. gable of high part two story old gray house, two dormer windows in S. side. (80') <i>Top</i>
634	(SS) 10' pointed boulder at end of bight. (7')
635	(SS) S. W. corner of wooden pier, two sets of cribbing under pier. (5')
636	(SS) Center grass on rock on point. (5')
637	(SS) Outer center line of wooden pier--N. of bight. Posts supporting pier - railing (6')
638	(SS) Outer center line of wooden pier - cribbing at end. No railing. (6')
639	(TS) Top center of pyramid shaped roof of white shack, One window on S. side. (18')
640	(SS) Grass line at niche in rock E. of wooden seat on grass E. side of pt. (5')
641	(SS) Top round flat sided boulder -- looks like log. (0')
642	(SS) Edge of brush at point - sloping pt. (3')
643	(SS) Larger of 2 boulders. Most westerly at grass line. (3')
644	(SS) Pointed boulder on point on gravel beach. (1')
645	(SS) S. E. corner of wooden pier. Shack to W. (2')
646	(TS) E. gable light gray low $1\frac{1}{2}$ story house, porch on back and front. (55')

T-5622

SIGNAL NUMBER

DESCRIPTION

648	(SS) Outer of two boulders, black ^{one} on, one in-shore is pointed. Another boulder can be seen at low water. (1')
649	(SS) Top flat rock, flat boulder to S. E. (2')
650	(SS) 6' round boulder on rocks W. of gravel beach. (8')
751	(SS) Center of grass on rock knob on rounding point N. of bight. (5')
752	(SS) Grass line on rounding point, brownish off shore rock 20' S. W. of point, break in brush line just inshore. (0')
753	(SS) Four 12' grouped trees on most N. E. tip of Caldwell Island. Bushes to E. (8')
754	(SS) Large round gray boulder on E. side of island S. of pt. Brown on top. (8')
755	(SS) At edge of grass line at bottom of stone fence. White faced rock. (3')
789	(SS) White boulder at foot of large trees, S. E. of bight. (3')
790	(SS) Lone, 30' tree W. of other trees. Brush to W. Head center of cove.. (6')
791	(SS) Centerline pier at grassline. Wooden pier in ruin. (3')
792	(SS) Grass line on rounding point - Bushes and small trees on pt. Shed inshore. (2')
793	(SS) Top center white rocks, on rounding pt. N. of black rock and rocky beach. (3')

T-5622

SIGNAL NUMBER

DESCRIPTION

794	(SS) 8' gray boulder on gravel beach on edge of brush line. (7')
795	(SS) Tip of vegetation on N. corner of long point. (3')
823	(SS) Top of rocks, white on top, S. end of rounding point. (1')
824	(SS) S. W. corner of small wooden pier, small white house inshore. (2')
825	(SS) Grass patch in center of large, white-topped rocks - small low park just inshore. Tall trees on each side of park. (3')
826	(SS) Black rock on point, gray rocks inshore. Jagged rock with many cracks in it. (3')
827	(SS) Top of white boulder. Large birch tree inshore to N. (2')
828	(SS) N. E. end of stone pier, Broken down shed to W. W. side of bight. (3')
829	(TS) S. gable of gray barn, E. of gray house with red chimney in center. Shed to N. E. (35')
830	(SS) S. W. gable of gray shed in bight - two windows on E. side of roof. (15')
831	(SS) 35' spruce on S. E. side of point - most southerly of trees on point. (4')
832	(TS) E. gable of house hidden in woods on side of hill. Flag pole E. of house. (60')
833	(SS) Rock pile at edge of grass line on S. side of cove on sand and gravel beach. (2')

Tops

T-5622

SIGNAL NUMBER

DESCRIPTION

834	(SS) Point of rock at H. W. line 8' from grass line. S. E. side of bight. (0')
835	(SS) Inshore end of rock pile. Brown rock at S. end of group rocks. Brown rock also at N. end of group. (1')
836	(SS) Dark pointed boulder, crack around boulder 1' from top. (0')
837	(SS) Top of white spotted rocks N. of sandy beach. N. W. of quaking asp — only deciduous tree around. (2')
838	(SS) Brown off shore boulder, old wooden fence inshore. (1')
839	(SS) Top of jagged black rocks on point, grass just inshore. Brainwork top. (3')
840	(SS) N. W. corner of wooden pier, two sets of cribbing as supports. (3')
841	(TS) W. gable large barn, white rambling house to E. on hill. (60')
842	(SS) High water rock on reef at L. W. (3')
843	(SS) Lone 40' birch tree, bushes all around. Sand and grass under tree. (2')
844	(SS) W. gable red roof boat house, Shack to S.
845	(SS) Top center of culvert under road. White and black posts for wire fence on road. (4')
846	(SS) S. W. Corner small wooden pier. (3')
847	(SS) Black off shore rock leaning S. (2')

T-5622

SIGNAL NUMBER

DESCRIPTION

848	(SS) Large brown off shore boulder, guano on top. (2')
849	(SS) Large gray boulder pointing W. (4')
850	(SS) Large brown boulder on point E. of gravel beach. (5')
851	(SS) S. W. corner of long wooden pier - white railing. (3')
852	(SS) Point of dirt line and boulders on point. 8' bank inshore. (1')
853	(SS) 5' gray boulder on point against 7' bank. N. W. sandy beach. (4')
854	(SS) S. W. end of island at dirt line. (2')
855	(SS) 5' gray boulder on shore line N. of sandy beach. (2')
856	(SS) Light brown boulder in ^{bight} light pointing E. N. of black boulder. (3')
857	(SS) Inshore end of stone pier at grass line. N. W. of gray boat house. (1')
858	(SS) Top brown, gray top off shore rock. (1')
859	(SS) White pointed rock in bight, brown rock to N. on edge of brush line and high water line. (2')
860	(SS) Top brown H. W. rock off shore, flat rock. (0')
861	(TS) Point of top N. W. end of white house, green trimmings, water tank to S. W. of house. Most N. W. house. Triangular point on W. gable of house.

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SIGNAL NUMBER

DESCRIPTION

861A	(SS) Rounding point at edge of grass line. (1')
862	(SS) High water rock in center of bight. (1')
863	(SS) Top center stone ^{"Lone Star"} chimney of stone fireplace on hill. (25') Topo
864	(SS) Center of group of rocks just off shore from gravel beach. (3')
865	(SS) Top center of most westerly boulder, round, gray boulder. Two other large boulders to S. E. (2')
866	(SS) Outer rock on point on N. side of entrance to cove; White streaks on rock. Crevice to N. (2')
867	(SS) Large pointed gray boulder, black on N. side. (6')
868	(SS) Point of grass over top of sloping rock point, S. of cove; N. of park. (4')
902	(TS) E. gable dark boat house, white door S. of pyramid boat house with white door. (15')
1083	(S. S.) E. end of stone jetty. (0')
<i>1084 See last page</i>	
1085	(S. S.) South tip of rock detached from shore at H. W. (4')
1086	"S. Gab. Unpainted Barn"—Station is the S. gable of an unpainted barn S.E. of a white house; at head of Friendship Harbor. (80') Recoverable Topo. Sta.
1087	(T. S.) W. gable of gray shingled boat house trimmed in white. (20')

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
1088	(T. S.) N. W. gable of small unpainted shack just inshore from stone jetty on E. side of entrance. (10')
1089	(S. S.) Top of off-shore rock on S. side of entrance to small bight. (1')
1090	(S. S.) S. E. tip of off-shore rock. (1')
1091	"Southernmost Gab. On White House"—Station is the southernmost of three gables on a white one and one-half story dwelling. Gables face E. on W. shore of Back River. (110') Recoverable Topo Sta
1093	(S. S.) Tip of rocky pt. at H. W. L. (0')
1094	"W. Gab. Brick House"—Station is the W. gable of a 1½ story house with gray shingled roof. Barn has green roof, situated about ½ the distance on the neck of land between the Med-uncook and Black Back Rivers. (70') Recoverable Topo Sta. Back
1095	(T. S.) W. gable of 1½ story house with gray shingled roof. Barn has green roof. (50')
1099	(S. S.) 5' lone pine, N'most of group of pines. (1')
1105	(SS) S. tip of low junipers on ledge. (4')
1106	(SS) Tip of grass on prominent ledge forming point. (4')
1107	(SS) Top of round boulder on rounding point. (0')
1108	(SS) 8' lone pine at edge of grass plot. (4')
1109	(SS) Tip of rocky point at HWL (0')

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SIGNAL NUMBER

DESCRIPTION

1110	(SS) Highest part of ledge on point. (2')
1111	(SS) N. W. tip of ledge. (0')
1112	(SS) Tip of rounding point of grassy bank 2.5 m. from flat ledge. (0')
1113	(TS) 50' white flag pole 35 m. S. W. of 25' juniper tree. (20')
1114	(SS) N. E. tip of large boulder - boulder is off shore. (0')
1115	(SS) 10' spruce on point. Forked at top. (8')
1116	(SS) N. corner of small pier. (2')
1117	(SS) Large loose boulder on point. (0')
1118	(SS) Highest part of ledge forming point. (3')
1121	(SS) Top of large boulder on point. (4')
1122	(TS) W. gable of 1½ story white house with four windows in W. end. (60')
1123	(TS) N. E. gable of unpainted barn. Short pole on N. E. gable. (40')
1301	See last page
1317	(S. S.) Top of H. W. rock farthest off-shore. (1')
1318	(S. S.) Large boulder on N. end of N'ly of two small islands. (4')
1319	(S. S.) Top of largest H. W. rock off S. end of S'ly of two small islands. (1')
1331	(S. S.) Top center of grass patch on top of rock island. (3')

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SIGNAL NUMBER

DESCRIPTION

1332	(S. S.) Tip of rounding point S. of small white rock. (0')
1333	(S. S.) 3' boulder E. side of S'ly point off-shore 30'. (1')
1334	(S. S.) Tip of moss on tip of rocks on rounding point. (2')
1356	(S. S.) 30' pine on N. W. tip of island on edge of vegetation line. (5')
1357	(S. S.) Top of brown pointed off-shore rock with guano on top, E. side of island (5')
1360	(S. S.) Top 8' light boulder at H. W. line N. end of small rock island with grass. (8')
1361	(S. S.) Center of depression in off-shore rock. (0')
1362	(T. S.) N. gable of red shingled house with porch on front. (30')
1363	(S. S.) Grass patch in hollow of rock, small rock in center of grass. Southerly of group of rock islands. (0')
1364	(S. S.) 18' spruce on rock just out from 12' banks, brush at foot of tree. (4')
1364A	(S. S.) Tip of brush on point, small grass patch just N. (4')
1365	(S. S.) N. tip rock point at H. W. line. (0')
1365A	(S. S.) Tip of pointed ledge at H. W. mark, S. E. of marsh grass. (0')
1366	(S. S.) 6' light brown boulder, smaller white boulder to south, marsh grass to N. (6')

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
1367	(S. S.) Tip of rock point at H. W. mark, tip is lower than rest of rock. (0')
1368	(S. S.) Tip of brush on point. Small rocks laying on rocky point. (3')
1369	(S. S.) Top jagged rock, E. 30' spruce on H. W. line. (2')
1370	(S. S.) Brown boulder among smaller rocks on edge of H. W. line N. of large light boulder half in among bushes. (2')
1371	Tip of brown ledge at head of cove. (1')
1372	Top round sloping ledge at edge of vegetation line. (10')
1373	(S. S.) 3' white boulder sitting on ledge S. of small bight. (6')
1374	(S. S.) Center of grass patch on top of round rock ledge, 5' spruce tree in center of patch. (8')
1375	(S. S.) W. tip of jagged brown rock on tip of rocky point. (2')
1376	(S. S.) Top center 10' pointed white rock on edge of high water line N. E. of 10' black rock. (5')
1377	"S. Gab. Dark Shingled House."—Station is the gable of a dark shingled, two-story house, with white shingled two-story porch, with "Office" sign on S. side of first floor. (25') Recoverable Topo Sta.
1378	(S. S.) Tip of white edged ledge at H. W. line, N. W. of dark shingled house, white porch. (0')

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SIGNAL NUMBER

DESCRIPTION

1379	(S. S.) Smooth curved top black speckled boulder on point. (6')
1380	(S. S.) S. tip long brown top rock, W. of gravel beach. (0')
1381	(S. S.) Top 10' white and gray boulder N. W. of gravel beach. S. of rocky point. (5')
1382	SS Brush line by low place in rocks just N. of two tall spruce trees close together. (6')
1383	(T. S.) W. gable light gray shingled 2½ story house stone foundation. (40')
1384	(T. S.) Base 30' white flagpole S. W. red two story house, stone wall to W. (15')
1385	(SS) Top center of W'ly off shore rock bare 3' at 8:50 7-20-43 4.3' above M.L.W.
1386	(SS) Top of boulder bare 4' at 8:55 7-20-43 5.6' above M.L.W.
1387	(SS) Dark jagged rock on point west of two 40' spruce trees close together. (2')
1388	(SS) Top center of white top of rocky point. (1')
1389	(SS) Tip of grass on point forming S. W. entrance of small bight. (4')
1390	(SS) Top center of large off shore rock. (3')
1391	(SS) Top center of flat square rock on SW side of bight. (4')
1392	(TS) S. gable of white two story house. (60')

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T-5622

SIGNAL NUMBER

DESCRIPTION

1393	(SS) SW corner of pier. (3')
1394	(SS) Tip of small rocky point at H. W. (0')
1395	(SS) Tip of grass and brush on point. (6')
1396	(SS) Loose jagged rock on W. side of point. (5')
1397	(TS) W. gable of brown cottage with green roof. (25')
1398	(SS) Top of off shore rock. (3')
1399	(SS) Top center of rock SW of tip of northerly of two small wooded islands. (2')
1400	(SS) S. tip of rocky point at H. W. mark (0')
1401	(SS) Top of large round boulder. (3')
1402	(SS) NE corner of stone pier. (2')
1403	(SS) Tip of grass on point. (5')
1404	(SS) 15' lone blue spruce. (8')
1405	(SS) Top center of round rock covered with barnacles. (2' at 9:15 7-20-43) 4.5' above M.L.W
1406	(SS) W. tip of long brown rock. (0')
1407	(SS) Tip of rocky point at H. W. (0')
1408	(SS) West end of catwalk. (3')
1409	(TS) W. gable of shingled house on stone pier. (15')

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<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
1410	(SS) Lone 30' birch tree. (3')
1411	(SS) Small brown boulder at W. tip of gravel patch. (0')
1412	(SS) Tip of projecting rock at H. W. line, light on tip, dark next to tree line. (0')
1413	(SS) 40' spruce tree W. of three 40' birch trees. (3')
1414	(SS) Tip of rock on low point at H. W. mark. (0')
1415	(SS) Tip of grass at H. W. line. (0')
1416	(SS) Top center of gray rock at N. end of cover (0')
1417	(SS) Top center of boulder. (2')
1418	(SS) Top center of largest H. W. rock in group. (8')
1419	(SS) Tip of brush on prominent point. (3')
1420	(SS) White top of rock forming point. (1')
1421	(SS) Jagged white boulder. (2')
1422	(SS) Top of H. W. rock. (2')
1423	(SS) Highest part of H. W. rock E. of NW tip of island. (2')
1424	(SS) Top of rock on S. E. tip of prominent point. (1')

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<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
1425	(SS) N.E. tip of large boulder. (4')
1426	(SS) Small white boulder on W. side of head of cove. (1')
1427	(SS) Top of rock on tip of point. (1')
1428	(SS) N. tip of gray embedded rock on N. W. side of prominent point. (0')
1429	(SS) 30' over-hanging birch tree. (8')
1430	(SS) Top of boulder on S. side of H. W. rock. (2')
1431	(SS) Top center of rounded rock. (2')
1432	(SS) Top center of H. W. rock. (2')
1433	(SS) Tip of grass on pointed ledge. (4')
1434	(TS) N. E. gable of gray unpainted barn (70')
1435	(SS) Top of H. W. rock farthest off shore. (1')
1436	Tip of brush on prominent point on inside entrance to bight. (4')
1437	(SS) Close group of 15' birch trees. (3')
1438	(SS) 25' forked birch tree. (2')
1439	(SS) Top of large prominent boulder. (5')

Type

T-5622

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
1440	(SS) 6' lone spruce on point. (3')
1441	(SS) 20' spruce on point. (4')
1442	(SS) 40' pine on E. side of point. (6')
1443	(SS) 30' lone over-hanging spruce (3')
1444	(SS) Top center of large white rock. (2')
1445	(SS) Tip of prominent rocky point at HW. (0')
1445a	(SS) 40' prominent pine tree on E. side of bight. (10')
1446	(SS) Tip of brush on prominent point. (3')
1447	(SS) Tip of grass on E. side of point. (0')
1448	(SS) Large brown rock just off point. (0')
1449	(SS) Northerly of two large brown rocks close together at head of cove. (2')
1450	(SS) 30' double-topped spruce at tree line. (2')
1451	(SS) 15' blue spruce on prominent point. (6')
1457	(SS) Top center of off shore rock. (2')
1458	(S. S.) Tip of rocky point at H. W. line-just S. of large boulder. (0')
1459	(S. S.) 10' bushy deciduous tree at leaning stump. (1')

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<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
1460	(T. S.) E. gable of one-story red house with dark roof. (80')(Same house as 1094)
1461	(S. S.) Top of boulder N. E. of break on tree line. (1')
1462	(S. S.) Center of small low brush patch on bare bank near S. W. tip of island. (4')
1463	(S. S.) 6' blue spruce S. W. of rocky point. (4')
1464	(S. S.) Large gray rock on top of low bank. Rock is surrounded by grass. (6')
1465	(S. S.) 10' lone bushy spruce. (6')
1466	(SS) 8' spruce on point. (3')
1467	(SS) Top of oblong rock on N. side of W. entrance to gut. (1')
1468	(SS) 20' over-hanging spruce on point. (4')
1469	(SS) 40' birch tree with spruce trees on either side. (4')
1470	(SS) 20' spruce, northerly on point. (6')
1471	(SS) N. tip of rocky point at H. W. (0')
1472	(SS) 4' lone spruce on prominent point. (2')
1473	(S. S.) Tip of brush on prominent point. (2')
1474	(S. S.) Top center of rock S. W. of large boulder. (3')

Top of

T-5622

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<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
1475	(S. S.) Grass line at inshore end of W'ly of two sharp points. (1')
1476	(S. S.) 50' tall slender spruce tree. (2')
1477	(S. S.) Sharp topped rock on W. side of cove. (2')
1478	(S. S.) Top center of large gray rock. (5')
1479	(T. S.) E. gable of white two story house, higher section. (70')
1480	(S. S.) Top of gray rock on point on S. side of small bight. (3')
1481	(S. S.) Light colored rock between grass patch and dark rock. (2')
1482	(SS) Top of gray rock farthest from grass line, E. of small white cottage. (3')
1483	(SS) Tip of long jagged rock point at H. W. (0')
1484	(SS) Top of white rock just N. of white ledge. (3')
1485	(SS) White flat rock N. of long white ledge, and just SW of bare spot. (2')
1486	(SS) Pile of small stones on point. (0')
1487	(SS) Sharp-topped boulder W. of white ledge. (1')
1488	(SS) Top of large round boulder (bare 6' at 10:10 7-21-43) 8.8' above M.L.W.

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
1489	30' spruce closest to point. (6')
1490	(SS) NW corner of pier. (4')
1491	(TS) W. gable of white boathouse with stone foundation and shingled roof. (20')
1492	(S. S.) Top center of high water rock. (8')
1493	(S. S.) Top center of white rock just S. of S. tip of small island. (8.2)
1494	(S. S.) Sharp topped boulder E. of round boulder on S. E. side of point. (0')
1495	(S. S.) Round brown boulder. Sand on W. and S. sides. (0')
1496	(S. S.) Top of large dark brown boulder. (0')
1497	(T. S.) S. gable of cream colored barn S.W. of cream colored house. (70')
1498	(S. S.) 30' lone pine at E. end of ramp. (3')
1499	(S. S.) Flat brown boulder on point. (0')
1500	(S. S.) Large irregular shaped boulder N. E. of group of spruces. (1')
1501	(S. S.) S. E. tip of high water rock at H.W. mark. (0')
1502	(S. S.) Top center of prominent high water rock. (5')
1503	(S. S.) 30' spruce-most S'ly of group. (2')

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<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
1504	(S. S.) Tip of low brown ledge at H. W. L. (0')
1505	(S. S.) Top center of large white round boulder. (4')
1506	(S. S.) Center of white part of rock point. (0')
1507	(S. S.) Vertex of "V" formed by grass lines. (0')
1508	(S. S.) 20' spruce, larger of only two small on island. (5')
1509	(S. S.) Top center of large rock at head of cove. (3')
1510	(S. S.) Tip of rocky point at H. W. L. (0')
1511	(S. S.) Center of clump of 6' alders. (2')
1512	(S. S.) Center of group of four brown stones on rounding grassy point. (0')
1513	(S. S.) Top of round white boulder. (3')
1514	(S. S.) Highest part of high water rock. (3')
1515	(S. S.) Tip of brush line at white rock. (2')
1517	Tip of brush on N. side of entrance to small cove. (2') (S. S.)
1518	(S. S.) 20' lone dead juniper. (3')

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<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
1520	(S. S.) Large flat rock on point. (2')
1521	(S. S.) Top of gray rock on low grass point. (1')
1522	(S. S.) Tip of gray ledge forming point at H. W. L. (0')
1523	(S. S.) 15' tall slender fir tree. (2')
1524	(S. S.) Top of largest off-shore boulder. (2')
1084	(S S) SE end of remains of small pier (Bares 6.3' above M.H.W.)
1301	(S.S) First large boulder N. of two large boulders close together (3')

No. 4 Description of this signal originally submitted with map drawing Survey T-5998.

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826-RGR

August 31, 1944

To: The Commanding Officer
U.S.C. & G.S. Ship LYDONIA
Box 818
Portland 1, Maine

From: The Director
U. S. Coast and Geodetic Survey

Subject: Errors in shoreline details on air photographic surveys of Muscongus Bay and vicinity.

With reference to your letters on the above subject, this office desires to express its appreciation of your interest in forwarding the additional field inspection information for correction of the shoreline on maps Nos. T-5622 and T-5996 to T-5998, inclusive. Oxalid prints of these sheets with corrections in red are being forwarded to you. Please compare these oxalids with the boat sheets and transfer to the oxalids additional detail that may have been obtained by the hydrographer. When the boat sheets are sent to the processing office, the oxalids should accompany them.

Since it is necessary that the air photographic surveys be field inspected and compiled under another chief of party and in an office generally remote from the working ground, coordination of the topography and the hydrography naturally is somewhat more difficult than would be the case if both were conducted as a combined operation under one chief of party. For this reason it is very important that the attention of this office be called to any cases where the topographic surveys are not entirely adequate for hydrography as regards the location of signals, high water line, or shoreline details. Only in this manner can corrective measures be taken so that the photogrammetric work can be improved from year to year. Photogrammetry as applied to our coastal surveys

is still relatively new, and much remains to be done in arranging details of the work to obtain smooth coordination and functioning as between the field inspection, office compilation, and the hydrography.

Following the suggestion in your letter, the interpretation and position of details on the old surveys will be carefully examined when the recent air photographic surveys are reviewed.

While this office cannot be certain as to the cause of the discrepancies until the office reviews are completed, presumably they were due to inadequate field inspection. Because of lack of sufficient personnel, or for other reasons, field inspection often has not been far enough ahead of the hydrographic surveys to permit a sufficiently detailed examination of the shoreline. New instructions for field inspection which call for more detailed examination of the shoreline have been furnished to Lieutenant Sturmer's party, and it is believed that this condition will be corrected this season. As your surveys progress, please advise this office of any other instances where the hydrographic control or shoreline detailing are found to be inadequate.

Referring to the air photographic surveys listed above, please forward the following field inspection photographs to this office as soon as they can be spared from your work. A careful review of the maps will then be made, and the Baltimore Office will be notified of changes and corrections found to be necessary. Copies of the revised sheets will be forwarded to the processing office.

Photographs Nos.	7059	7100	7139
	7060	7101	7154
	7061	7135	7155
	7130	7136	7156
	7131	7137	7116
	7099	7138	7118

(Signed) L. O. COLBERT

Director

cc: Comdr. Peacock

POST-OFFICE ADDRESS:

Box 818, Portland 1, Maine

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

JUL 15 PM 2.16

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

Ship LYDONIA

July 13, 1944

To: The Director
U. S. Coast and Geodetic Survey
Washington, D. C.

From: Commanding Officer
Ship LYDONIA

Subject: Shore Line - Map drawings

Reference: My letter July 7, 1944--same subject

With further reference to the apparent discrepancies in the delineation of the high water line on the map drawings, previously noted, the following may be of interest.

A large number of signal sites located on the map drawings, which were described as 2 to 4 feet above high water, were found when recovered by the signal building party, to be covered from 1 to 2 feet at ordinary or mean high tide. This made it difficult to maintain or use signals on these sites, but aside from that it would seem to indicate that the plane of high water was assumed to be lower than actual conditions show it to be. This would perhaps, in part account for the fact that in practically all cases where differences occur, the high water line is shown further off than that in previous surveys.

L. P. Raynor
Commander, USC&GS
Commanding Ship LYDONIA



5622
5990
5998
5997
7118
7098
7117
7154
7057

7052LL
51LL
51LL
7081 no print
88LL
89LL
90LL
91LL
92LL
93LL

7053LL
56LL
51LL
51LL
(59LL)
(60LL)
(61LL)

7127LL
28LL
29LL
(30LL)
(31LL)

7096LL
97 no print
95LL
99LL
7102LL
7101LL

(7135LL)
(36LL)
(37LL)
(35LL)
(39LL)

7152LL
53LL
(34LL)
(35LL)
(36LL)

7116LL
17LL
18LL

7163 no print
64 no print
65LL

40LL
41LL

New York
 March 1st
 Dear Sir,

POST-OFFICE ADDRESS:

Box 818, Portland 1, Maine

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

Ship LYDONIA

July 7, 1944

To: The Director
U. S. Coast and geodetic Survey
Washington, D. C.

From: Commanding Officer
U. S. Coast and Geodetic Survey
Washington, D. C. Ship LYDONIA

Subject: Shore line--Map drawings--Muscongus Bay and Vicinity.

The signal building, as well as the hydrographic parties working on Project CS-265, noted that the ozalids furnished us showed what appeared to be an incorrect interpretation of the high water line at quite a number of places. Many of the differences were minor but in a few cases the errors were considerable. Lieut. Commander C. J. Wagner has indicated what after a field investigation he considers to be correct high water line on the following field photographs which are being returned to you under separate cover.

Photograph 7057	revised shore line	in Green	in Meetinghouse Cove.
Photograph 7117	" " "	in blue	South end Bremen Long Island.
Photograph 7098	" " "	in black	vicinity of Medomak.
Photograph 7119	" " "	in blue	South end Hungry Island.

Photograph 7154 is also being sent you. Certain areas in the Meduncook River were given a casual inspection while the hydrography was in progress and present condition are indicated on the photograph.

Our casual study of the photostats of the early topographic sheets, accomplished about 1866 indicate that these very accurately reflect actual conditions existing then and in most cases, now. A careful study should be made of these older surveys before the shore line is transferred to a new chart, and where there is any difference in unchangeable areas between the older survey and present map drawings, considerable weight should be given to the former.



L. P. Raynor
Commander USC&GS
Commanding Ship LYDONIA

Box 818, Portland 1, Maine

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY



POST-OFFICE ADDRESS:

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

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July 7, 1944

To: The Director
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L. P. Raynor
Commander USCGS
Commanding Ship LYDONIA

GEOGRAPHIC NAMES

Survey No. T-5622

1	Name on Survey	A On Chart No.	B On previous survey No.	C On U. S. quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	K
	<u>Maine</u>							USGB		1
	<u>State Route No. 220</u>						Road Maps			2
										3
	<u>Western half names:</u>									4
✓	<u>Cranberry Island</u>	✓			439 693					5
✓	<u>Minister Gut</u>	✓			"					6
✓	<u>Neds Point</u>	✓			"					7
✓	<u>Friendship Island</u>	✓			"		Pending with USGB			8
✓	<u>Lobster Gut</u>	✓			"					9
✓	<u>Morse Island</u>	✓			"					10
✓	<u>Northeast Point Reef</u>	✓			"		Pending with USGB			11
✓	<u>Meduncook River</u>	✓			"					12
✓	<u>Crotch Island Ledges</u>	✓			"					13
✓	<u>Garrison Island</u>	✓			"					14
✓	<u>Friendship Harbor</u>	✓			"					15
✓	<u>Back River</u>	✓			"					16
✓	<u>Friendship</u>	✓			"					17
✓	<u>Jameson Point</u>	✓			"		Pending with USGB			18
✓	<u>Jameson Point Ledge (Beacon)</u>				"		Name used in current L.L.			19
✓	<u>Murphy Ledge</u>	✓			"					20
✓	<u>Hatchet Cove</u>	✓			"					21
✓	<u>Nubbins</u>	(rocks and islets)			"					22
✓	<u>Sand Island</u>	✓			"		Pending with USGB			23
✓	<u>Ram Island</u>	✓			"					24
✓	<u>Gull Rock</u>	✓			"					25
✓	<u>Miscoungus Bay</u>	✓			438 693					26
✓	<u>Martin Point</u>	✓			439 693					27

GEOGRAPHIC NAMES

Survey No. T-5622

GEOGRAPHIC NAMES											
Survey No. T-5622											
Name on Survey		On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List		
2		A	B	C	D	E	F	G	H	K	
<u>Western half (continued):</u>										1	
<u>Martin</u>		✓			439693					2	
<u>Crystal Pond</u>		✓			"					3	
<u>Ames Cove</u>		✓			"					4	
<u>Forest Pond</u>		✓			"					5	
<u>Delano Cove</u>		✓			440693					6	
<u>Wharton Island</u>		✓			"					7	
<u>Hungry Island</u>		✓			"					8	
										9	
<u>Eastern half names:</u>										10	
<u>Gay Island</u>		✓			439693					11	
<u>Gay Cove</u>		✓			"					12	
<u>Davis Cove</u>		✓			"					13	
<u>Crotch Island</u>		✓			"					14	
<u>Hornbarn Cove</u>		✓			"					15	
<u>Bradford Point</u>		✓			"					16	
<u>South Cushing</u>		✓			439692					17	
<u>Maple Juice Cove</u>		✓								18	
<u>Burton Point</u>		✓								19	
<u>Bird Point</u>		✓								20	
<u>Pleasant Point</u>		(village)								21	
<u>Stone Point</u>		✓								22	
<u>Pleasant Point</u>		✓								23	
<u>Pleasant Point Gut</u>		✓								24	
<u>Caldwell Island</u>		✓								25	
<u>St George River</u>		✓							USGS	26	
<u>Deep Cove</u>		✓								27	

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GEOGRAPHIC NAMES

Survey No.

T-5622

3	Name on Survey	On Chart	On previous survey	On U. S. quadrangle	From local	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
		No.	No.	Maps	information					
	Eastern half, continued:									1
	Howard Point	✓				439692	Pending with USGB			2
	Howard Pond	✓				"				3
	Glenmere	✓				"				4
	Turkey Cove	✓				"				5
	Turkey Point	✓				"				6
	Teal Cove	✓				"				7
	Narrows	✓				"				8
	Willey Cove	(small cove west bank St. George R. just S of lat. 44°)								9
										10
										11
										12
										13
										14
	The term "Lobster Pond" on the west shore of Friendship I would appear									15
	to be purely descriptive.									16
										17
										18
										19
	Spelling of:									20
	Meduncook River not to be confused with									21
	the triangulation station Meduncook Hill, 1866.									22
								K.N.M.		23
								10/11/48		24
										25
										26
										27

Division of Photogrammetry
Review Report of
Planimetric Map Manuscript T-5622

Subject numbers not used in this report have been adequately covered in other parts of the descriptive report.

28 Delineating

Many sections of shoreline were moved inshore with displacements amounting to 40 meters. Letters concerning the errors in shoreline detail have been made a part of this Descriptive Report.

35 Hydrographic Control

In addition to the 18 stations listed in the report, nine other recoverable topographic stations are described on form 524. They are:

No. 579	East gable, 2-story house green roof,	1941
585	West gable, white house	1941
633	East gable, high part, old gray house	1941
863	Lone stone chimney	1941
1122	West gable, one and one half story white house "	
1392	South gable, white two story house	1941
1434	Northeast gable, gray unpainted barn	1941
1460	East gable, red house, dark roof (same house as No. 1094, which is not used)	1941
1491	West gable, white boathouse	1941

42 Comparison with contemporary Hydrographic Surveys

H-6854	1:10,000	1943-44
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H-6854 covers a small portion of the southwest corner of T-8622. The shoreline in this area does not conflict with the sounding data.

43 Comparison with previous surveys

T-1058	1:10,000	1866-7
T-1076	1:10,000	1867-8
T-1117	1:10,000	1867-9

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

45 Comparison with Nautical Charts

Chart No. 312	1:40,000	May 1944
Chart No. 313	1:40,000	April 1944

51 Application to Nautical Charts

This map manuscript has been applied to chart 313.

Reviewed by:

Under direction of:

Jack L. Rihn
-Jack L. Rihn 18 Oct 44

S. V. Griffith
Chief, Review Section E. R. M.

Approved by:

B. J. Jones 10/48
Technical Asst. To Chief,
Division of Photogrammetry

Stentz
Chief, Nautical Chart Branch
Division of Charts

B. J. Jones
Chief, Division of Photo-
acting grammetry

C. K. Green
Chief, Division of Coastal
Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. T5622

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.