

5988

Diag. Ch. 1204-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Planimetric Air Photo-
graphic (Shoreline)

Field No. Office No. T-5988

LOCALITY

State MAINE

General locality Coast of Maine

Locality Robinhood Cove-Sheepscot River-

Boothbay

1943

CHIEF OF PARTY

Fred L. Peacock

LIBRARY & ARCHIVES

DATE

April 26-1948

DATA RECORD

T- 5988

Quadrangle (II):

Boothbay, Maine (U.S.C.&G.S.)

Project No. (II):

CS 272-B

Field Office:

U.S.C.&G.S. Office, Bath, Maine

Chief of Party:

Lieut. Henry O. Fortin

Compilation Office:

Air Photographic Party No. 2

Chief of Party:

Comdr. Fred. L. Peacock

Baltimore, Maryland

Instructions dated (II III):

January 12, 1942

April 1, 1942

Copy filed in Descriptive
Report No. T- (VI)

Div. Photogram. Office Files

Completed survey received in office: 15 June 1943

Reported to Nautical Chart Section:

Reviewed: 17 July 1945

Applied to chart No. 230

Date: 29 Mar. 1945

28 Sept. 1945

Redrafting Completed: 3 Nov. 1947

Registered: 15 Jan. 1948

Published: Shoreline: vault copy

Compilation Scale: 1:9670

Published Scale: 1:10,000

Scale Factor (III): 1.03413

Geographic Datum (III): N.A. 1927

Datum Plane (III): Mean Sea Level

Reference Station (III): Riggs, 1934, R. 1942

Lat:

43° 51' 38.88" 1199.9 m.

Long:

69° 44' 26.00" 580.8 m.

Adjusted ✓

Unadjusted

(field) ✓

State Plane Coordinates (VI):

X =

Y =

Military Grid Zone (VI)

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
6831	10/17/41	-1:40 p.m.	1:10,000	0.2' above M. L. W.
7011	10/20/41	8:59 a.m.	1:10,000	0.6' above M. H. W.
7012	10/20/41	9:00 a.m.	1:10,000	0.6' above M. H. W.
7013	10/20/41	9:01 a.m.	1:10,000	0.6' above M. H. W.
7031, 7032 & 7033	10/20/41	9:19 a.m.	1:10,000	1.0' above M. H. W.
7034	10/20/41	9:21 a.m.	1:10,000	1.0' above M. H. W.
7041	10/20/41	9:31 a.m.	1:10,000	1.3' above M. H. W.
7042	10/20/41	-9:32 a.m.	1:10,000	1.3' above M. H. W.
7043	10/20/41	9:32 a.m.	1:10,000	1.3' above M. H. W.
7044	10/20/41	9:33 a.m.	1:10,000	1.3' above M. H. W.
7078	10/20/41	-10:07 a.m.	1:10,000	1.5' above M. H. W.
7107	10/20/41	-10:58 a.m.	1:10,000	0.9' above M. H. W.

Tide from (III): Portland, Maine. With time correction for Isle of Springs,
(Sweet Is.) Maine.

Mean Range: 8.9'

Spring Range: 10.3'

Camera: (Kind or source) U. S. Coast & Geodetic Survey nine lens camera,
(focal length 8 $\frac{1}{4}$ "). All negatives are on file in Washington Office.

Field Inspection by: Lieutenant Henry O. Fortin date: Fall, 1942

Field Edit by: date:

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

October 17, 1941

October 20, 1941

Projection and Grids ruled by (III) W.D.H., Wash. Office date: 2/12/43

" " " checked by: J. C. O'Neill date: 2/13/43

Control plotted by: Walter E. Schmidt date: 2/16/43

Control checked by: Walter E. Schmidt date: 2/22/43

Radial Plot by: Walter E. Schmidt date: March 1943

Detailed by: Harold R. Brooks & William O. Norris date: March to June
(Shore line - rough draft) 1943

Reviewed in compilation office by: William H. VanLoon date: June 1943

Elevations on Field Edit Sheet
checked by: date:

STATISTICS (III)

Land Area (Sq Statute Miles): None

Shoreline (More than 200 meters to opposite shore): 27.6 statute miles

Shoreline (Less than 200 meters to opposite shore): 20.7 statute miles

Number of Recoverable Topographic Stations established: 36

Number of Temporary Hydrographic Stations located by radial plot: 378

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:

26 CONTROL:

The control plotted and control transferred from adjoining map drawings consists of seventeen (17) U. S. Coast & Geodetic Survey triangulation stations, which have been shown on this map drawing with the conventional triangulation symbol.

The following nine (9) control stations are within the detail limits of this map drawing:

- ✓ BURNT ISLAND LIGHTHOUSE, 1902, r. 1942 ✓
- ✓ SOUTHPORT I., NORTH END STANDPIPE, 1934, r. 1942 ✓
- ✓ RIGGS, 1934, r. 1942 ✓
- ✓ PARKERS ISLAND, 1855, r. 1942 ✓
- ✓ SOUTHPORT LEDGE, 1857, 1934, r. 1942 ✓
- ✓ HENDRICKS HEAD LIGHT, OLD TOWER, 1934, r. 1942 ✓
- ✓ SOUTHPORT ISLAND, N. END, RANGE BEACON, 1934, r. 1942 ✓
- * ✓ BOOTHBAY, HODGEN'S HOUSE, 1857, r. 1942 ✓
- ✓ BOOTHBAY HARBOR, WHITE SPIRE, 1934, r. 1942 ✓

The following eight (8) control stations fall just outside the detail limits of this map drawing:

- * RAM ISLAND, L.H., 1902, 1934, r. 1942
- * BOOTHBAY, CENTER BROWN SPIRE, 1857, r. 1942
- * BOOTHBAY, CENTER WHITE SPIRE 1857, r. 1942
- * BOOTHBAY HARBOR, STANDPIPE, 1902, 1934, r. 1942
- * MT. PISGAH, 1857, r. 1942
- * LINEKIN NECK, METHODIST MEETING HOUSE, CHIMNEY, 1857
- * SQUIRREL ISLAND, SOUTHWEST END BN., 1934, r. 1942
- * KENNISTON, 1858, r. 1942

* Positions of these stations have been transferred from adjoining map drawings and have been shown with red acid ink triangles. All others have been plotted and are shown with black acid ink triangles.

27 RADIAL PLOT:

(N.B.) Refer to special report on radial plots for map drawings No. T-5985 to T-5994, inclusive, submitted as the appendix to the compiler's descriptive report for map drawing No. T-5986.

28 DETAILING:

The shore line and adjacent culture have been detailed on this map drawing in accordance with the Director's letters dated January 12, and April 1, 1942, pertaining to this project No. CS 272-B.

All detail on this map drawing has been shown by the standard symbols recommended by the Washington Office, and notes fully describing any deviation therefrom have been made on the overlay sheet so that the planimetry may be clearly interpreted by those concerned.

* Spelled "Hodgden" in Sp'l. Pub. No 46, p. 109, Δ in Maine, "Hodgdon" Cove is the spelling accepted by Geographic Names, and the triangulation Sta name (and others elsewhere) will ultimately be changed to conform to the accepted spellings. (LTS. Apr. 1946)

Recovery of questionable value.
See Descriptions of Triangulation
Station No 534, pp 18 & 39.

See Review Report for list of
16 U S E stations within
the detail limits of this
map manuscript.

28 DETAILING: (Cont'd.)

Small purple or green ink circles indicate positions of minor detail points determined by radial intersection, which were considered relatively strong or weak respectively.

The mean high-water line was outlined on the office photographs in accordance with the field inspection data with white pigment ink, and then detailed on this map drawing by using the positions of the previously mentioned minor detail points, and also, of those hydrographic stations and recoverable topographic stations whose relief displacement was considered negligible on the photographs. The hydrographic stations and recoverable topographic stations are mentioned later in this report.

The scales of the photographs and of this map drawing were in fair agreement. However, it was necessary to use the projector when detailing the shore line in the vicinity of Pratts Island.

The position of bench mark "Top of Pipe", which is located on the western shore of the Isle of Springs and listed in cahier No. T-27, was not established by radial intersection because of its proximity to the temporary hydrographic station No. 221, which has been shown with a $1\frac{1}{2}$ mm. black acid ink circle. However, the positions of bench marks No. 1 and No. 2, which are within a distance of approximately 20 and 100 meters respectively of the above mentioned bench mark, were established by radial intersection, and have been shown with the conventional bench mark symbol on this map drawing.

Bench mark No. 3 which is located in a thickly wooded area on the Isle of Springs has not been shown on this map drawing. The bench mark as identified on the field photograph by the field inspection party could not be identified on a sufficient number of office photographs to determine its position by radial intersection.

The area of this map drawing was adequately covered by photography. However, long dark shadows appeared on the photographs, because the latter were taken too early on the day of October 20th, 1941. These shadows were a source of considerable trouble when identifying the M. H. W. line.

No classification of roads immediately adjacent to the shoreline was submitted by the field inspection party of 1942. All roads shown on this map drawing have been classified by this compilation office and it is recommended that a reclassification be made by future field parties.

Road classifications were changed whenever deemed necessary so as to be in accordance

The field inspection party did not submit any data to assist the compiler in identifying bluffs along the shoreline. Therefore, they were detailed from stereoscopic examination of the office photographs. Since their character, whether rock or soil, could not be ascertained satisfactorily by stereoscopic examination, the dirt bluff symbol was used throughout.

30 MEAN HIGH-WATER LINE:

The mean high-water line (firm ground) has been shown by a solid heavy-weight black acid ink line, the center of which should be taken as the true position. Identification of the M. H. W. line on many of the photographs was difficult because of deep shadows and relief displacement.

Limits of marsh areas visible on photographs taken at approximately the time of high-water have been shown with a solid light-weight black acid ink line in conjunction with the conventional marsh symbol.

31 LOW-WATER AND SHOAL LINES:

Approximate limits of shoal and rock ledge have been detailed in accordance with the field inspection data, and shown with a light-weight dashed black acid ink line.

Limits of rock ledge that could be definitely identified on the photographs were detailed and shown with a solid light-weight black acid ink line.

The limits of mud flats as identified on the office photographs have been detailed and shown with a dotted black acid ink line.

All of the above mentioned limits are for the use of the hydrographer only. They should not be accepted by any mapping agency as indicating the true position of the mean low-water line.

32 DETAILS OFFSHORE FROM THE HIGH-WATER LINE: (overlay sheet)

Rocks, old piling areas, wrecks, reefs, etc. have been detailed on this map drawing in accordance with the field inspection data. Notes have been made on the overlay sheet to clarify such detail.

The extent to which rocks bare at M. H. W. has been shown by notes made on the overlay sheet.

Notes have also been made on the overlay sheet, calling attention to questionable areas for investigation by the hydrographic party.

33 WHARVES AND SHORELINE STRUCTURES:

All piers, wharves, bulkheads, etc. have been detailed in accordance with the field inspection data.

34 LANDMARKS AND AIDS TO NAVIGATION:

The positions of ~~five~~^{Six (6)} (5) recommended landmarks and three (3)

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

aids to navigation have been determined by radial intersection and are shown with $2\frac{1}{2}$ mm. black acid ink circles on this map drawing. The position of one other recommended land mark was determined by triangulation and has been shown by the usual triangulation symbol. Their descriptions appear on the overlay sheet. Form 567 (to be charted) has been submitted.

The ~~six (6)~~^{seven (7)} landmarks are as follows:

Chart Letter Nos. 607(1943)
909(1944)

- *HENDRICKS HEAD LIGHT, OLD TOWER, 1934, r. 1942
- ✓ Chimney, white, white house, red roof.
- ✓ Flagpole, white, 60 ft. high.
- + Tower, U. S. Bureau of Fisheries
- + **Dome, silver top, observatory
- Tank, water, steel, 70 ft. high

Chimney [shown on Form 567 also section 230-2 attached to Chart Letter 909(1944)]

The three (3) aids to navigation are as follows:

- Beacon, (25 ft.) iron pole
- Beacon, black barrel, marking Whaleback ledge
- Beacon, black barrel, marking Pig Island Ledge

reviewers note

Burnt I. L.H., 1902, r. 1942 (determined by triangulation - previously charted)

* Position of this landmark believed to be incorrect on charts No. 230 and No. 314. Form 567 (to be deleted) has been submitted.

+ Positions plotted incorrectly on Map Drawing. Refer to sheet attached and Chart Letter 607(1943)

** Position previously submitted by this office, April 21, 1943, on Form 567 (to be charted) is incorrect. Form 567 (to be charted) with correct position listed has been submitted.

35 HYDROGRAPHIC CONTROL:

The positions of thirty-six (36) recoverable topographic stations and three hundred and seventy-eight (378) temporary hydrographic stations have been determined by radial intersection and are shown by $2\frac{1}{2}$ mm. and $1\frac{1}{2}$ mm. black acid ink circles respectively. The numbers of both classes of stations appear on the overlay sheet. Their descriptions have been listed and submitted as the appendix to this report. Two advance copies of this appendix have been previously submitted for use of the hydrographic party.

The descriptions and the geographic positions of the following thirty-six (36) recoverable topographic stations have been submitted on form 524:

- No. 21 - Gable, east, 2 sty. hse.
- 25 - Chimney, top, yellow house
- 33 - Gable, N., gray boat house
- ✓ 43 - Gable, E. small 2 sty house
- 47 - Unmarked sta. site
- 52 - Chimney white, white 1 sty. hse.
- 57 - Chimney, red brick, 2 sty. hse.
- 240 - Unmarked station site

35 HYDROGRAPHIC CONTROL: (Cont'd.)

- 246 - Unmarked station site
- 247 - Unmarked station site
- 248 - Flagpole, S. gable, 2 sty. house
- 304 - Gable, South, L-shaped house
- 491 - Unmarked station site
- 501 - Gable, N. small grey house
- 536 - Unmarked station site. *Amended 1943; Marked by a cross chisled in the st.*
- 540 - Flagpole, large, white
- 1134 - Unmarked station site
- 1190 - Roof, top, center, pyramid, cream col. house
- 1204 - Beacon, black barrel
- 1214 - Gable, east gray fish house
- 1219 - Beacon, black barrel
- 1241 - Flagpole, (60 ft.) N. of tennis cts.
- 1257 - Tower, top center, round, U. S. Bur. Fisheries
- 1260 - Light House, small, white
- *1484 - Observatory, top, silver color
- 1489 - Gable, north, green roofed house
- 1495 - Gable, south, small white cottage
- 1619 - Gable, east, low part, white house
- 1740 - Gable, S.W., green roof, white cottage
- 1923 - Unmarked station site *Amended 1943; Std Hy. Topodist stamped MAC 1943*
- 1930 - Tank, water, steel, 70 ft.
- B.M. No. 2 - Standard disk, unstamped
- B.M. No. 5 - Standard disk, unstamped
- BEACON, (25 ft.) Iron Pole - N. of MacMahan Id.
- BEACON, Red Barrel - Edge of reef, N.W. of Pratts Id.
- B.M. No. 4 - Hole in stone foundation

* Position submitted on Form 524, April 21, 1943, was in error. Correct position has been submitted.

See Review Report for 13 additional stations

37 JUNCTIONS:

- Map drawing T-5989, south side, junction in agreement.
- Map drawing T-5987, north side, junction in agreement.
- Map drawing T-5973, west side, junction in agreement. *OK*
- Map drawing T-5991, east side, junction in agreement. *OK*

The original eastern limit of this map drawing has been extended to approximately Longitude $69^{\circ} 37' 18''$, between Latitude $43^{\circ} 50' 33''$ and $43^{\circ} 51' 20''$.

The above extension was necessary in order to include on this map drawing the adjacent culture to the shore line of Boothbay Harbor.

Reference has been made in the descriptive report for map drawing No. T-4991, the limits of which this extension affects.

38 RECOMMENDATIONS FOR FUTURE SURVEY:

This map drawing is believed to be complete in all details of importance for charting and no additional surveys are required. It is believed that the probable error in the positions of radial points and well-defined objects along the shore line is not greater than 0.5 mm.

39 BRIDGES OVER NAVIGABLE WATERS: (*Refer to Reviewers Report*)

There are four bridges shown on this map drawing which are of navigational importance. Their horizontal and vertical clearances have been noted on the overlay sheet.

There are five bridges shown on this map drawing which are of no navigational importance.

41 CABLE CROSSING AREAS:

There is a water pipe line crossing between Spruce Island and Spruce Pt.

The cable crossing area shown on this map drawing in dashed red acid ink lines between Sawyers Island and Isle of Springs was taken from chart No. 314. Its position is approximate.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

Boothbay, Maine Quadrangle, U.S.G.S., Edition of October, 1893 - reprinted 1941; scale 1:62,500.

Boothbay, Me. Quadrangle, U.S.G.S. Edition of 1944; scale 1:62,500

Due to scale difference between the map drawing and the above mentioned quadrangle, planimetric detail could not be readily compared.

45 COMPARISON WITH NAUTICAL CHARTS:

Chart No. 314 published February 1935, reissued, July 1938 - Scale 1:40,000.

Chart No. 230 published September 1941 - Scale 1:15,000

A bridge shown on this map drawing at approximately Latitude $43^{\circ} 50' 25''$ and Longitude $69^{\circ} 39' 20''$ does not appear on Chart No. 314.

Bull Ledge, shown on Chart No. 314 at approximately Latitude $43^{\circ} 50' 10''$ and Longitude $69^{\circ} 42' 00''$, cannot be identified on the photographs and therefore has not been shown on this map drawing.

Clam Rock, shown on Charts Nos. 314 and 230 as a single island is now broken up into five sections.

Four wrecks appear on Chart No. 230. Only two were visible on the photographs, (verified by hydrographic party), these two are shown on the Map Drawing. More roads & houses appear on the Map Drawing.

Numerous piers shown on the Map Drawing in the vicinity of Boothbay Harbor do not appear on the charts.

Numerous roads appearing on the charts on Macmahon I. were not visible on the photographs. The roads as shown on the 1944 edition of the Boothbay Quadrangle appear correct.

Respectfully Submitted
June 12, 1943

William O. Norris
William O. Norris
Asst. Engineering Draftsman

Map Drawing, Overlay Sheet and
Descriptive Report Reviewed by

William H. VanLoon
William H. VanLoon
Pr. Photogrammetric Aid

Supervised by

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

Approved and Forwarded

JUN 15 1943

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

List of
Geographic Names
Undisputed

- ✓ Bailey Cove
- ✓ Bailey Point
- ✓ Beal Cove
- ✓ Beal Island (U.S. & B.)
- ✓ Birch Island
- ✓ Blake Cove
- ~~Boiler Rock (not shown)~~
- ✓ Booth Bay
- ✓ Boothbay Harbor (water around town) - both U.S. & B. decisions
- ✓ Boston Island
- ✓ Brooks Cove
- ✓ Brooks Point (at Goose Rock Passage. Also at Knubble Bay)
- ~~Bull Ledge (not shown)~~
- ✓ Burnt Island
- ✓ Campbell Cove ~~see Green~~ (w. side Knubble Bay)
- ✓ Capitol Island
- ✓ Cedarbush Island
- ✓ Clam Cove
- ✓ Clam Rock
- ✓ Clous Ledge ~~not shown~~
- ✓ Cozy Harbor
- ✓ Crow Island (one of Five Is.)
- ✓ David Island (apply w. of Thompson Cove)
- ✓ Deckers Cove
- ✓ Dogfish Head
- ✓ Ebenecook Harbor (U.S. & B.)
- ✓ Five Islands (at Sheepscot River. Also City of sm. name)
- ✓ Five Islands Harbor
- ✓ Five Islands Passage
- ✓ Fox Island
- ✓ Georgetown Island
- ✓ Goose Rock
- ✓ Green Islands
- ✓ Hall Bay
- ✓ Hendricks Harbor (cove)
- ✓ Hendricks Head (U.S. & B.)
- ✓ Herman Harbor
- ✓ Hodgdon Cove
- ✓ Indiantown Island
- ✓ Jewett Cove
- ✓ Jewett Point
- ✓ Kehail Point
- ✓ Knubble
- ✓ Knubble Bay (U.S. & B.)
- ✓ Juniper Pt. - see 230
- ✓ Little David Island
- ✓ Little Hell Gate
- ✓ Little Island
- ~~Little Island Point~~ } feature is scarcely large enough to merit two names
- ✓ Little Knubble
- ✓ Little Ram Island
- ✓ Little Sheepscot River

List of
Geographic Names
Undisputed

- ✓ Lobster Rock
 - ✓ Long Cove
 - ✓ Long Ledge (not shown)
 - ✓ Lowe Pt.
 - ✓ Lowe Rk. (not shown)
 - ✓ Malden I. (one of Five Is.)
 - ✓ Marrs Ledge (not shown)
 - ✓ McFarland Ledge? where
 - ✓ McFarland Point
 - ✓ McKown Point
 - ✓ Middle Ledge (not shown)
 - ✓ Middle Mark Is.
 - ✓ Mill Pt.
 - ✓ Mouse I.
 - ✓ Newdick Cove
 - ✓ Newdick Pt.
 - ✓ Nick Ledge (not shown)
 - ✓ Oak Pt.
 - ✓ Pea Cove (not shown)
 - ✓ Pete's Rock (not shown)
 - ✓ Phebe I.
 - ✓ Pig Cove
 - ✓ Pig I. Ledge — not shown
 - ✓ Pine Cliff
 - ✓ Powderhorn I.
 - ✓ Powderhorn Ledge (not shown)
 - ✓ Powderhorn, S. Ledge (not shown)
 - ✓ Pratts I. (U.S.G.B.)
 - ✓ Ram I.
 - ✓ Ram I. Ledge — not shown
 - ✓ Riggs Cove
 - ✓ Robinhood Cove
 - ✓ Round Cove
 - ✓ Round Cove Pt.
 - ✓ Sasanoa River (U.S.G.B.)
 - ✓ Sawyer Island (town)
 - ✓ Sheepscot River (U.S.G.B.)
 - ✓ Six Ft. Rock (not shown)
 - ✓ Soldier Point
 - ✓ Southport (city of)
 - ✓ Southport Island
 - ✓ Spectacle Is.
 - ✓ Spruce Pt. — not shown Shows on T-5991
 - ✓ Squirrel I.
 - ✓ The Old Sow (not shown)
 - ✓ Thomas Cove
 - ✓ Thomas Great Toe
 - ✓ Thomas Pt.
 - ✓ Thompson Cove
 - ✓ Townsend Gut (U.S.G.B.)
 - ✓ Tumbler I.
- ✓ Love Cove = East Cove in Ebenecook Hbr.
- ✓ Maddock Cove = West Cove in Ebenecook Hbr.
- ✓ MacMahon = village on island of same name
- ✓ Whittum Island (U.S.G.B.)
- ✓ White Cove = just N. of Five Is (on U.S.G.B. Quad)
- ✓ Mill Pond = in Sawyer I - see 230
- ✓ Pierce Cove = middle Cove in Ebenecook Hbr.
- 12/3/45. all names listed are approved.
L. Hack.
- apply E. of Deckers Cove
- ✓ Hodgdon Island
✓ State No. 27
✓ " 127
- } additional
1016147

List of
Geographic Names
Disputed

✓ ~~Blacksmith Shop Ledge~~
~~Camerons Point~~
~~Camerons Cove~~
~~Goose Rock Passage~~
~~Hospital Point~~
~~Isle of Springs~~ *(S.B.)*
~~McFarland Island~~ *(both island and settlement on it = summer p.o.)*
~~McMahan Island~~
~~Mill Cove~~
~~North East Pt.~~
~~Robinhood~~
~~Sawyers Island~~
~~West Boothbay Harbor~~
~~Campbell Creek~~
~~(Harding Ledge)~~ *not shown*

~~Blacksmithshop Ledge~~
~~Cameron Point~~
~~Cameron Cove~~
~~Goose Rock Pass~~
~~Railway Point~~
~~Sweet Island~~
~~Sawyers Island~~
~~Mac Mahan Island~~ *= one word, capital M*
~~Mill Creek~~
~~Northeast Pt.~~
~~Riggsville~~
~~Sawyer Island~~
~~Haley~~
~~Campbell Br.~~
~~Hardings Ledge (not shown)~~

Names underlined in red approved

by L. Heck on 12/31/45

Additional check
10/6/47

MEMORANDUM for Descriptive Report T-5988

With reference to the landmarks for charts, Chart Letter 607 (1943) stated that two signals were located in error on the chart. They were replotted from the photographs in this office 9-11-43 and corrected on the celluloid.

No. 1257 Tower (U.S. Bureau of Fisheries)
Latitude $43^{\circ}50' 11.89$, Longitude $69^{\circ}38' 58.7$

No. 1484 Dome (Silver Top, Observatory)
Latitude $43^{\circ}50' 15.45$, Longitude $69^{\circ}37' 10.84$

DESCRIPTIONS OF
HYDROGRAPHIC SIGNALS AND SIGNAL SITES
LOCATED BY RADIAL PLOT ON MAP DRAWING
SURVEY T-5988
PROJECT CS 272 - COAST OF MAINE

T-5982

SIGNAL NUMBER

DESCRIPTION

1738	Outer end center of fixed green pier southwest of boathouse.
1737	Corner of stone fence on ledge west of small bridge (Signal Site).
1736	Top center of grassy white rock ledge just off east shore (Signal Site).
1734	Outer end, center, of fixed slanting pier.
1732	Center of west face of rock crib on ledge (end of old pier).
1730	West gable of white boathouse with red roof.
2108	6' pine on east side of north end of cove (Signal Site).
2106	Stump at inshore end of rock point (Signal Site).
2105	Highest part of rocky point just west of road (Signal Site).
2107	White rock on rocky point with 5' - 8' spruces on it and on east side of cove (Signal Site).
1270	Outer end, center, of stone pier.
1271	South gable of dilapidated shingle fish house on ledge.
1272	Southeast corner of log pier.
1273	South gable of brown house with green trim at head of light.
2115	South gable of white building on south side of road at north tip of Mill Cove - Boothbay Harbor (Signal Site).
2113	West gable of small dark brown light roofed house close to water on east side of cove. House is west of large red roofed brown house with white trimmed windows (Signal Site).

SIGNAL NUMBER

DESCRIPTION

ON
TANKS AND REMAINS OF PIER

1274	✓	Center of outer tank on pier - leaning over.
1275	✓	West gable of filling station house on end of long pier.
1276	✓	South gable of white boathouse on west side of bight.
1937	✓	Southwest corner of dock out from Marine Service, Inc. corner near large gin-pole.
1936	✓	Southeast corner of first big pier south of Boothbay Harbor Yacht Club.
1935	✓	Southeast corner of white and shingle shack on pier just east of turnbridge.
1934	✓	(Signal Site) Point where boardwalk meets stone buttress on south side of west end.
1932	✓	South gable of light olive colored house just east of power-house sub-station.
1931	✓	West gable of green sided boathouse with white trim between two rock quays.
1277		West gable of brown boathouse with cream colored door.
1615	✓	North gable of red shingle garage - barn on ledge.
1614	✓	Flag pole base (35') on grassy point.
1613	✓	West gable of weathered fish house on pilings in bight.
1612	✓	(Signal Site) Top center of grey island ledge 40' offshore.
1611	✓	Outer end center of green fixed pier.
1610	✓	Top of green pyramidal roofed white house at foot of pier.

Top of 1930 : Steel 7' 10" high at Tele. Springs. (Admitt.)

T-5988

SIGNAL NUMBER

DESCRIPTION

1609	✓	Top center of high part of white rock point (Signal Site)
1608	✓	Outer end, center, of light green fixed pier.
1607	✓	Outer end, center, of fixed green pier with yoke.
1606	✓	6' back from edge of brush on point (Signal Site).
1247	✓	Outer end, center, of fixed green pier.
1243	✓	Outer end, center, of fixed short pier.
1249	✓	(Signal Site) Center of niche in concrete sea wall.
1250	✓	Edge of brush at west of prominent grey white ledge on point.
1251	✓	Outer end, center, of most southerly pier on west side of light.
1139	✓	West gable of weathered fish house on small grassy point.
1138	✓	(Signal Site) Northwest corner of old stone pier with post.
1137	✓	Outer end, center, of fixed pier belonging to house with 212 203 railings on porch.
1150	✓	Most northerly of larger pines on island about 8' high (Signal Site).
1145	✓	Outer end, center, of pier with ladder north of narrow gut.
1144	✓	White post on white ledge west of long grey boathouse.
1146	✓	(Signal Site) Brushline on southern tip of small island.
1147	✓	Northeast tip of brushline on white rock point.

T-5788

SIGNAL NUMBER

DESCRIPTION

1148	/	Outer center line of fixed pier east of point.
1151	/	Brushline on south tip of small island.
1153	✓	Top center of grey rock (Signal Site) at foot of stairs on bank.
1152	✓	West gable of low roofed grey house at head of cove. With pipe for chimney.
1149	✓	West gable of yellow barn at head of cove.
1154	✓	(Signal Site) Top center of rounded grey rock ledge west of extensive salt grass patch on east side of cove (highest part of ledge).
1155	✓	Outer end, center, of fixed pier.
1156	✓	(Signal Site) Top of high part of ledge at head of bight.
1157	✓	Outer end, center, of pier off spruce-lined walk.
1158	✓	Outer end, center, of pier on white rock ledge (fixed).
1159	✓	(Banner Site) Top of white rock point about halfway from grass to high water line on slight knob.
1160	✓	(Signal Site) grass at edge of brushline on white rock point. (Westernmost of two ledges on point.)
1161	✓	Outer end, center, of fixed pier with log base in bight.
1162	✓	Outer end, center, of fixed pier just north of red house.
1163	✓	(Signal Site) Boulder on point northwest of double spruce.
1164	✓	Outer end, center, of fixed white pier.

T-5988

SIGNAL NUMBER

DESCRIPTION

- | | |
|------|---|
| 1073 | 25' spruce on rocks at water edge. Pole leaning against it now (Signal Site). |
| 1171 | (Signal Site) Center of base of old piece of roof washed up on shore on Sandy beach. |
| 1172 | (Banner Site) Base of largest white birch at head of cove. |
| 1173 | Small patch of grass on white rock point (Signal Site). |
| 1174 | West gable of long house on steamer dock. |
| 1175 | Top center of oblong white rock ledge. Parallel to shore. |
| 1176 | North gable of gray weathered fish shack. |
| 1177 | East gable of brown bungalow with yellow trim at head of light. |
| 1178 | North gable of white shingle two story house on grass point. |
| 1179 | Outer end, center, of fixed yellow pier. |
| 1180 | Outer end, center, of fixed green pier. |
| 1181 | North end of small building with flag pole north of hotel. |
| 1182 | Small white pier off birch grove and opposite green pier.
Outer end, center, fixed part. |
| 1183 | Outer end, center, of fixed white pier with open summer house at end. |
| 1184 | Northwest tip of center pier of bridge (Banner Site). |
| 1185 | North gable of small house with railing on pilings. |

5988

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
1186 ✓	Southeast tip of center pier of bridge (Signal Site).
1187 ✓	Top of house with orange and red patch roof on pilings.
1188 ✓	East gable of long white fish house on pier with patch roof.
1189 ✓	East gable of small white fish house on west side of bight.
1757 ✓	(Signal Site) Edge of grass on southwest tip of land, here a white ledge.
1756 ✓	South gable of weathered building east of transformer telephone pole.
1754 ✓	Just in front of boulder at grassline on white rock point. (Signal Site).
1755 ✓	(Signal Site) Edge of grassline on sea wall at ledge in center of bight.
1753 ✓	Outer end, center, of fixed log pier.
1752 ✓	(Signal Site) Edge of grass on top of arched sea wall on rounded rock point.
1751 ✓	(Signal Site) Closest bush to road at head of bight about 30' west of head of bare rock fill.
1750 ✓	South tip of grass on grey rock island ledge lying in small bight on point. Isolated at high water.
1749 ✓	Top of yellow brown rock ledge south of boulder beach.
1748 ✓	South gable of white house with white chimney.
1750 ✓	High water rock northwest of point and in bight (Signal Site) on high part.

T-5988

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
1779 ✓	High part of white rock point facing south.
1778 ✓	White inshore boulder in salt grass north of flat ledge.
1777 ✓	6' north of last tree on northeast point Sawyer Island.
1776 ✓	Outer end, center, of fixed pier on north side of gut.
1775 ✓	Protruding rock point west of bridge and 50' south of lone birch on shore.
1773 ✓	Top center of white rock ledge between island and dyke. (Surrounded grass)
1772 ✓	High part of white rounded hump on ledge northwest tip of "island" of woods.
1771 ✓	High part of grey rock point forming north port of grassy bight.
1770 ✓	(Signal Site) Edge of brush on yellow rock point west of grassy bight.
1769 ✓	6' north of brush on rounded rocky point at head of cove (Signal Site)
1768 ✓	East gable of little white house in New Pine Grove.
1767 ✓	Point where brush meets salt grass on point west of old dyke.
1763 ✓	Tip of Juniper patch on grey rock point south of salt grass patch. (Signal Site)
1762 ✓	South tip of brush on grey rock point north of square bight. (Signal Site)
1761 ✓	Small square sign on east side center of central stone pier of small bridge.

T-S 1187

SIGNAL NUMBER

DESCRIPTION

- | | |
|------|---|
| 1741 | Top center of white offshore boulder awash at high water north of small bight. |
| 1742 | Top center of white ledge in bight. North of old house. |
| 1744 | High point on gray ledge north and a little east of rock point in bight. |
| 1745 | (Signal Site) South tip of grass on southwest point of Indiantown Island. |
| 1746 | Northeast corner of bare part of shell bank (Signal Site). |
| 223 | Top of big boulder on point of shore. |
| 224 | East gable of yellow one story building on dock. Building has sign with the name "Isle of Springs". Building has a flag pole on east end. |
| 225 | South end of several dolphins connected with a stringer. |
| 226 | Centerline of outer end of stationary pier. |
| 1930 | Top 70' steel tank on Isle of Springs. (Landmark). |
| 225 | West gable of two story house with porch around it with a yellow railing and green lattice work beneath porch. |
| 221 | Centerline of end of old wooden pier. |
| 222 | West dormer window of large two story house with a yellowish brown color on sides. Plain wooden shingles on roof. |
| 220 | East gable of large red shed with wooden shingles on roof. |
| 228 | Large boulder with white top on northwest end of island. |

J-810

SIGNAL NUMBER

DESCRIPTION

229		Large boulder with white top on northeast point of island.
227		South end of little shack on island. Partly painted red.
254		Rock outdoor chimney and fireplace in front of small screen in building with green roof and white sides.
1726	✓	White house head bight - South gable - Green roof.
255	✓	South gable of large two story house with green trimming and a greenish roof. Building sets in pine trees.
1725	✓	Outer fixed end of pier. Sign "Sheepscot Shores."
1728	✓	South tip of grass on Cedarbush Island (Signal Site).
1727	✓	Outer fixed end of pier. Out from white house.
256	✓	Cupola on two story house. All the roofs are of red composition. House has white trim and greenish yellow shingles on sides.
257	✓	Centerline of outer end of stationary part of pier.
258		South gable of low brown house with white pillars and green roof. There is a flag pole in front of the house.
259		North gable of brown house with yellow cream trim and green roof. Two small dormers on the water side of house and a flag pole in front of building.
1721		Small barbecue brick chimney in picnic grounds.
1720		West gable of grey shingle house with large lawn and sea wall.
261		Cupola on yellow building on hill and surrounded by pine trees. There are two shades of yellow on the house.

SIGNAL NUMBER

DESCRIPTION

534	West gable of old shingle building on stone dam.
1928	Southwest corner of pier in front of yellow house on east side of light.
1927	High part of northeast portion of rock point and high water rock on west side of cove 500 meters north of old dam. (Signal Site)
1926	10' east of cliff and on grassy point 250 meters north of old Tide Mill Dam. (Signal Site)
1929	6' east of tree line on west end of stone quay between island ledge and shore west of old shed. (Signal Site)
531	Southwest tip of flat bared rock on point.
530	Rounded white ledge just above high water level.
1935	(Signal Site) 8' west of 3' pine at soil bank on small rock point forming north gate to small pocket opposite Thomas Great Toe.
531	South gable of boathouse at head of Thomas Cove.
530	Center of bush patch on south end of Thomas Great Toe.
529	West gable of stained shingle house on point.
528	South gable of white house with twin chimneys - black tips.
30	South gable on two story cream colored house with light green trim.
29	Cupola on two story house - lower half of house painted grey with white trim. Cupola and upper section of house painted green with white trim.

T-5988

SIGNAL NUMBER

DESCRIPTION

289 Northeast corner of big flat shed at water's edge, unpainted.

288 North gable of shack at water's edge. Shack has wooden shingles on sides.

287 Centerline of outer end of stationary part of wooden pier.

286 Centerline of outer end of stationary part of wooden pier. Northmost part of two.

285 Southeast corner of wooden pier. All stationary.

570 Birch tree about 20' high several white trunks on same stump. Near causeway to small island. (Signal Site)

569 Center of low white patch of rock at high water level. (Signal Site)

White boulder at head of Halls Bay.

1121 (Banner Site) Stump of spruce at grassline on white ledge on south Tip MacKahan.

42 West gable of small green painted building on end of pier. White trim building sets on northeast corner of pier.

39 Centerline of arch on northern pier of two.

38 West gable of unpainted vertical boarded sided boathouse.

37 Outer end of centerline of pier. Pier is the southernmost one of two fixed end without gangplank and float.

35 West gable of two story grey composition roof. White trim on house. Porch facing water. Wooden shingles on side of house.

36 South gable of large two story house setting high on hill. Brown shingled sides. Green trim. (Same as 251)

T-5988

SIGNAL NUMBER

DESCRIPTION

- 42 East end of pyramidal roof on small one story shack close to waters edge. Unpainted.
- 43 *Topo* East gable of small two story wooden shingled sided building. Yellow and green trim. Screen in porch facing water.
- 40 East gable of two story house, green shingled sides and plain wooden shingles on roof. White trim.
- 41 Centerline of fixed end of pier. Northern one of two.
- 33 *Topo* North gable of large gray boat house.
- 34 North gable on small white house on small island. House has a red roofed porch.
- 30 Southern gable of small one story yellow building near waters edge. About 25' above high water line.
- 19 East gable of large red boathouse. About 35' above high water line. Boathouse has a railway.
- 22 Southern gable of low one story building. The gable is on the section with two small windows attic facing water. Building is next to wooden bridge.
- 21 *Topo* Eastern gable of large two story house with old unpainted shingles on roof and sides. Looks like high rock and concrete foundation. 40' above high water line.
- 28 South gable of small building with wooden shingles all over. Building sits about two feet above high water line. Gable about 15' above high water line.
- 27 High part of south end of big rock in water.
- 25 *Topo* Top of chimney on yellow house with green composition roof. Green foundation to house. 30' above high water line.

T-5-180

SIGNAL NUMBER

DESCRIPTION

24	West gable of one story boathouse with wooden shingled roof and white clapboard sides. In need of paint. 25' above high water line.
527	Southwest corner of old stone pier (Signal Site).
526	South gable of boathouse at north end of Tarbox Cove.
525	Centerline of outer end of fixed pier.
505	Center of large 25' spruce at head of cove.
504	Last bit of low brush of low brush on southern tip of small island in cove of Beal Island.
503	Bushy cedar at high water mark south of orchard.
502	Lone cedar on south tip of southwest point of Beals Island.
501	Small cedar on northeast side of small grassy peninsula in Little Hell Gate.
500	North gable of small grey house.
499	Outer end of fixed pier with scaffold.
498	White boulder just north of inshore end of leader to fish weir.
497	(Signal Site) High part of grey rock point just north of pine tree.
496	North gable of red house in birch grove on peninsula.
495	South gable of grey cottage with pole.
495	East gable of grey house on point.

T-5988

SIGNAL NUMBER

DESCRIPTION

- | | |
|-----------------|---|
| 494 | Top center of reef awash at high water. |
| 493 | Large white boulder at high water mark on eastern shore of Knubble. |
| 492 | Brown boulder awash at high water south of Little Knubble. |
| 540 <i>Topo</i> | Large white mast in Robinhood. Bottom pricked. |
| 52 <i>Topo</i> | White chimney with blue top on white one story house with red roof. |
| 51 | Centerline of end of pier leading out from property on which there is a white house and white garage. Both with red roofs. |
| 50 | Southeast corner of big rock pier. |
| 49 | Centerline of end of northernmost pier of two. Pier is in front of grey shingled house with white trim. |
| 48 | Centerline of fixed end of wooden pier in front of large one story cottage setting in cedars. |
| 47 <i>Topo</i> | Center of high part of big high water rock. |
| 46 | South gable of old dilapidated house. Wooden shingles all over. |
| 53 | Last gable on two story house with green composition roof. Has a porch around it with red steps leading up to porch. House is surrounded by bushes. |
| 1122 | South gable of green doored boathouse in light. |
| 1123 | Last gable of grey shingle house on point. |
| 1126 | South gable of grey shingle house (white trim) with tall spruce on east side. |
| 1124 | South gable of grey shingle house at head of cove north of bridge |

T-5988

SIGNAL NUMBER

DESCRIPTION

1125	(Signal Site) East end center of big bridge to Fox Island.
1127	Southeast corner of fixed pier on north side of passage.
538	Small white ledge to southwest of point isolated at high water - highest part.
539	25' yellow pine (Signal Site) on point just west of small light.
537	South gable of grey shingled cottage on point - green roof.
536 <i>Topo</i>	Center of outer white rock ledge south of point. REEL, 1943 H-629
535	Fixed outer end of pier with summer house.
241	High part of rocky ledge jutting out from island. (Banner Site)
243	Centerline of end of wooden pier. Most northerly of two.
242	East gable of large shed near water.
252	Centerline of outer end of stationary part of pier. Painted white and grey.
247	Center of grass on south side of island. It is a high point. (Banner Site)
250	Highest point of offshore rock. Bare about 5' at high tide.
291	North gable of unpainted house with a new large brick chimney. There are two sections to house. The station is on the higher part of the building.
272	Top of rock on rocky point. (Banner Site)
293	Southwest corner of stern of derelict.

7-5988

SIGNAL NUMBER

DESCRIPTION

- | | |
|-----|--|
| 294 | North gable of white faced house with grey composition roof, east side of house is black in color. |
| 295 | High point of rock on point. Whitish top. (Banner Site) |
| 296 | High part of rock point (Banner Site) |
| 304 | South gable of L shaped house. Red house - green roof - back from river on hill. Probably can't see west part of L from river. |
| 299 | High northwest point of rocky point. |
| 300 | Top tip of rock finger sticking out from land. |
| 301 | Northeast corner of stone cribbing, on rocky shore. |
| 302 | East gable of small shed used as studio. Has a part glass roof - wooden shingles on sides. |
| 303 | Centerline of end of wooden pier. The stationary part. |
| 61 | East gable of red sided two story building with white trim and grey composition roof. |
| 60 | Centerline of end of pier. Southernmost one of two. |
| 59 | East gable of small one story camp. There is a smaller one a little to the north. |
| 58 | Centerline of end of pier. |
| 57 | Red brick chimney on large two story white house with green composition roof and a porch also with a green roof. Chimney is on higher part of house. |
| 298 | North end of big rock (Banner Site) |

T-5982

SIGNAL NUMBER

DESCRIPTION

297	White tip of rock on small island.
449	Top center of white ledge just inside and west of point at high water mark.
472	8' spruce on point next to stump of dead tree (Signal Site).
1723	Southwest corner of dock with yellow lobster shed on it. (Signal Site)
1722	West gable of green roofed grey shingle building on pier.
1724	Base of flag pole of Southport Yacht Club. 45-50' pole.
2102	North gable of red boathouse with white double doors.
1762	Gin pole on point west of old slips.
217	North gable of large two story white house with two brick chimneys. House has green blinds.
218	Centerline of end of wooden pier.
219	Center of white rock ledge off north end of island. (Banner Site)
1923	<i>Topo</i> North tip of grass on Upper Mark Island (Signal Site). Point is just south of a crevasse running east and west.
1922	Brush line on south tip of Upper Mark Island (Signal Site).
1761	(Signal Site) Grassline 6' southwest of last point on southwest side of point.
1760	High point on peaked white rock point on west side of light. (Signal Site)
1759	Large boulder in junipers and pines at west side of grassy bight. (Signal Site)

T-5788

SIGNAL NUMBER

DESCRIPTION

1758

Northwest corner of old part pier at Sawyer Island.

54 ✓

South gable on large two story house. House is painted white. Needs a new coat of paint. Sets quite a distance back from the water on a slight hill.

55

West gable on low one story white house. House has wooden shingles on roof and a green door.

56

Top of outer high water rock point.

45

Top of high water rock. Bare two feet. Outer point.

246

Top

Top of rocky island a little to southeast of big rocky island.

248

Top

Flag pole on south gable of large two story house setting high on river bank in a clearing surrounded by pine trees.

249

North gable on red front house with green lattice work around foundation.

250

East gable of dark wooden shingled sided two story house with a dormer on the north and one on the south side of the gable.

251

South gable of large two story house on hill. House has three dormers on eastern side. Dark shingled house. (Same as 36).

240

Top

High point of rocky northeast part of island. (Banner Site).

238 ✓

High part of rocky point.

239 ✓

West side of mouth of fish trap. (Banner Site)

237

High point of rock near end of point. (Banner Site)

236

Highest part of north end of island. (Banner Site).

T-5988

SIGNAL NUMBER

DESCRIPTION

1924 3' rock cairn on top of Powderhorn Island. (Signal Site).

234 Rock cairn on large rock ledge out in water.

233 ✓ North gable of highest house. Brown two story house. Two dormers on westward side of house - near center of island.

232 ✓ Small 8' spruce tree on southwest end of island.

231 Centerline of end of large wooden pier.

230 Centerline of end of large wooden pier.

1739 ✓ Moss on northwest corner of northeast point of Island. Signal Site at edge.

1735 ✓ (Signal Site) Top center of white rock point out from pine tree.

1733 ✓ 10' spruce west of rock quay.

1729 ✓ Top center of large white rock on east side of bight west of clay bank on east side of Indiantown Island, not rock point which lies south.

1731 ✓ Top center of south end of high part of white rock ledge off terrace on east side Indiantown Island.

1747 ✓ 6' south of small spruce on rock cliff on southeast extremity of southeast point of Indiantown Island.

1740 *Topo* Southwest gable of green roofed white camp (most southerly of group of buildings).

2104 Telephone pole # 507 on south side of road at west end of fill (Signal Site)

2103 Flag pole white on point on south side of cove. (Signal Site)

T-5748

IGNAL NUMBER

DESCRIPTION

1190

Topo

Top center of pyramid roofed cream colored house with green lattice below.

1190 a

North fixed end centerline of pier in narrow bight.

1191

Grassline on white rounded rock point on south side gut just north of picnic table.

1192

Center of flat mossy white rock opposite cottage on point. (Signal Site)

1193

Outer end center of fixed pier on north side of bight.

1194

Northeast corner of old dock in middle of bight.

1195

Southeast corner of wide part at outer end fixed white pier.

1196

Top center of large rounded white rock knob. (Signal Site)

1197

East gable of weathered house on pier with white door. (East end of ridge pole.)

1198

Northeast gable of house on pier with sign "Capitol." (Northeast end of ridge)

1240

Top center of high part of white ledge on southeast tip of Mouse Island just before it drops off. (Signal Site)

1241

Topo

60' flag pole north of tennis courts on Mouse Island.

1220

Outer end center of fixed pier off church.

1218

White boulder at edge of flat ledges. Awash at high water. (Signal Site)

1217

Spruce tree on white peninsula. (Signal Site)

T-5988

SIGNAL NUMBER

DESCRIPTION

1216

Northeast gable of white house at waters edge.

1215

Southeast corner of pier (fixed).

1214

East gable of grey tall fish house at pound.

1213

Southwest corner of log and store pier on northeast side of small bight.

1212

Flag pole on north end of red roofed building.

1211

Top center (Signal Site) boulder in bight off sand beach and sea wall.

1210

North gable of grey shingle house on point.

1209

(Signal Site) Top of offshore yellow brown ledge awash at high water.

1208

Southwest corner of western section of outer end fixed white pier.

1207

4' long spruce on island ledge west of point.

1206

West side middle of westerly white ledge of group of ledges south of point.

1202

6' from grassline on southwest point of House Island. (Signal Site)

1203

Outer end center of fixed short pier.

1244

(Signal Site) High part of loose white boulder on white north tip of peninsula.

1245

North corner of pier (obtuse angle) closest to point. (Northeast point). (Signal Site)

T-5788

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
1246	Outer end center of fixed pier of white house with blue shutters.
1236	High point on white rock ledge forming southwest point of Burnt Island. (Signal Site).
1237	(Signal Site) High point on crest of long white ledge forming north tip of island. (Sudden drop to south about 2' just south of this point.)
1238	East gable of white boathouse with railway.
1239	(Signal Site) Top center of square boulder on flat ledge. Awash at high water.
1938	(Signal Site) High piling on what was southwest of old pier northwest of stone quay.
1484 <i>Topo</i>	Silver top of observatory on island ledge. (Land Mark).
1485	Outer end center of smaller and most northerly of two white fixed piers.
1486	(Signal Site) High part of south end of large island ledge.
1487	Outer end center of fixed grey pier.
1267	Top of pyramid roofed white house at Putnam Landing.
1268	Flag pole (base) west of brown house on point.
1269	Top of grey slab of rock on point (Signal Site).
1128	(Signal Site) In hole at head of crevasse on point. (near grass-line).
1129	North gable of light shingle house with yellow trim.

7-57-58

SIGNAL NUMBER

DESCRIPTION

1130		West gable of white house at head of cove with tar paper garage.
1131		East gable of white fish house built on pilings on west side of cove.
1132		Green base of white flag pole in field on east side of cove.
1133		West gable of white house with three arched windows under gable.
1134	Top	(Signal Site) Small white boulder on north edge of highest part of south end of reef.
1136		Northeast corner of fixed pier belonging to tall white house on point.
1140	✓	Southeast corner of stone pier on west side of cove.
1142	✓	(Signal Site) Top of grey rounded rock on point east of large maple on bank.
1141	✓	East gable of large part of two part house at head of cove.
1135	✓	Observation cupola at head of cove.
1143		Northwest corner of stone pier north of large grey building on waters edge.
1278	✓	Small house on southwest corner of U. S. Coast Guard landing. (Signal Site)
1279	✓	Southwest corner of pier (Signal Site).
1280	✓	Southwest corner of pier (fixed) (Signal Site).
1157		Top center of grass patch on long white ledge.
1166		(Signal Site) High part of white ledge just north of salt grass patch north of red buoy.

7-5188

SIGNAL NUMBER

DESCRIPTION

1165 ✓	South gable of main part of white house on north side of gut.
1624 ✓	Top center of large flat grey boulder at high water mark on point. (Not grey boulder at brushline 100' east.)
1623 ✓	Outer end center of small white fixed pier in front of large white dormered house.
1622 ✓	Outer end center of white pier with yoke.
1621 ✓	South gable of brown stained boathouse at head of bight.
1620 ✓	Outer end center of weathered fixed pier on point opposite steamer landing.
1618 ✓	East gable of weathered grey fish house on wharf.
1617 ✓	Center of old rock fill at edge of grassline.
1619 <i>Topo</i>	East gable of low part of white house with three white chimneys.
1616 ✓	Top center of grey rounded ledge just north of entrance to narrow passage (Signal Site).
1252 ✓	Outer end center of green pier; most northerly on west side of beach at head of bight.
1253 ✓	South gable of boat house with green door and trim.
1254 ✓	Flag pole (40') on point off cupolaed house.
1255 ✓	Top center of flat topped ledge on white rock point. (Signal Site)
1256 ✓	Flag pole (35') in front of log lodge and behind miniature light house.
1257 ✓ <i>Topo</i>	Center of round tower at Fisheries Building. (Land Mark)

T-5988

SIGNAL NUMBER

DESCRIPTION

1258 ✓	Northwest corner of U. S. Fisheries pier.
1259 ✓	Outer end center of fixed green pier.
1260 ✓ <i>Topo</i>	Small white lighthouse with red glass.
1261 ✓	North end of large boathouse near head of bight.
1262 ✓	Top center highest ledge in bight with small tuft of grass on it. (Signal Site)
1265 ✓	Bare site (center) south of tall grass on north end of grassy ledge. (Signal Site)
1263 ✓	East gable of white house at west end of causeway.
1264	South gable of small house south of hotel.
1266 ✓	Tip of large white boulder on point south of hotel.
1488 ✓	South gable of house on end of pier with flag pole on gable.
1489 ✓ <i>Topo</i>	North gable of green roofed house on pier on north side Tumbler Island.
1490 ✓	(Signal Site) Edge of brushline on southwest point of Tumbler Island.
1605 ✓	Flag pole on northeast side Tumbler Island.
1491 ✓	Outer end of stone jetty. (Signal Site)
1492 ✓	Outer end center of fixed pier opposite island.
1493 ✓	(Signal Site) Most southerly spruce on point.

T-5928

SIGNAL NUMBER

DESCRIPTION

1494 ✓ Outer end center of fixed green pier.

1495 ✓ *Topo* South gable of small white cottage on round point.

26 West chimney on low section facing water.

313 East gable of hip roof house with green composition roof.
Brown sides to house and yellow trim. It
is a two story dwelling. 30' above high water.

1222 ✓ South protruding end of long white rock ledge awash at high
water (Signal Site).

1221 ✓ Outer 20' spruce on rock point.

1219 ✓ *Topo* Black barrel beacon.

1205 East gable of green roofed grey shingle house on rock cliff.
Semicircular vents below porch.

1204 Black barrel beacon.

1203 ✓ East gable of three story white house with red lattice below
porch.

1202 ✓ Top center of large white rock ledge in bight. (Signal Site)

1201 ✓ East gable (flag pole) of yellow house on north edge of bight.

1200 ✓ East gable of two story white house with flag on east porch.

1199 ✓ East gable of porch over balcony of white house.

473 High point of higher and inner of two rounded grey rock ledges
at high water mark.

476 ✓ Top center of brownish grey banded rock ledge at high water mark.
Northernmost of two similar ledges. (Signal Site)

T-57

SIGNAL NUMBER

DESCRIPTION

474 ✓

Lone pine on northeast point of island (Birch).

475

(Signal Site) Center of bush clump on top of small rocky island ledge off southwest point of Birch Island.

491

Topo

High part of small ledge to southeast of Birch Island. North end where tuft of grass is. (Signal Site)

477 ✓

Outer end of fixed pier center line.

478

Center of low (1') brush clump on north point of small island west of Phebe Island. (Signal Site)

489

(Signal Site) Small dead birch on black rock point northeast tip of Phebe Island.

490

High part of several small grey rocks piled together on grass covered low ledge at north tip of point.

244

North gable of two story white house with green composition roof and trim. Fancy scalloped wood shingles on sides of building.

242

East gable of large shed near water.

245

West gable of large two story house with vivid green composition roof. House has a closed in porch with the same color roofing.

253

West gable of most easterly white house. House has green blinds and green foundation. Dark blue composition shingles on roof.

62

East gable of house with white trim windows. Two story house. Bluish gray composition shingles on roof. Unpainted wooden shingles on sides of building. House has two chimneys and sets near water's edge. (7014)

REVIEW REPORT
Shoreline Map T-5988
Boothbay Harbor-Robinhood Cove, Me.
1941-1942

Subjects not used in this report have been covered in the Descriptive Report, or do not apply.

26. CONTROL

In addition to the nine C. & G. S. stations listed in the Descriptive Report, sixteen U.S.E. and one other C. & G. S. horizontal ^{control} stations lie within the limits of the map manuscript.

U.S.E.

C. & G. S.

Bluff
Shore
Colby
N. Base
S. Base
Sta. "A"
Sta. "B"
Sta. "C"
Rock
Ledge
McClintock
Flag
*Isle
*Storage
*Eastern
*Lumber

Southport, Martins No., 1857 (n.d.)

43° 50' 34.12" / 69° 40' 22.28"

(p. 109 Sp'l Pp. 46, Δ in Me.)

Footnote 1

All these stations were noted on the field inspection photographs. No geographic or plane coordinate positions are available at the time of this review, and their positions could not be plotted on the map manuscript base. However, stations whose positions were pricked on the field photographs were radially plotted and shown on the map manuscript as topographic stations. (Except those marked * on the above list, for which there were insufficient radial lines.)

28. DETAIL

All of the planimetric details of T-5988 were corrected, when necessary, to agree with the nine less ^{red} U.S.C. & G.S. photographs taken in 1941, the field inspection data of 1942, and the hydrographic surveys H-6837, 6839, 6844, dated 1943.

All of the shoreline and offshore detail have been corrected in red acid ink, while all of the inshore details have been corrected in green acid ink. Explanatory notes were added wherever deemed necessary.

34. LANDMARKS & AIDS TO NAVIGATION

Two landmarks

Tower, U. S. BU. Fisheries
Dome, silver top, Observatory

were plotted

incorrectly on the map manuscript and located in error on charts 230 and 314. They were re-plotted and corrected on the

map manuscript. Their positions were noted on Form 567, attached to Chart Letter 607 (1943)

Two landmarks lying within the area of the map manuscript have been added to the list in the Descriptive Report (in red); form 567 attached to Chart Letter 909 (1944); and plotted on the map manuscript

2 Probable New Landmark. A high stack located in the town of Boothbay Harbor was plainly visible on the 1941 nine-lens photographs. The position of this stack was established by radial intersection and shown on the map drawing with a small circle with the word "stack."

39. BRIDGES OVER NAVIGABLE STREAMS

3 All bridges of navigational importance within the area of this survey have their vertical and horizontal clearances noted on the overlay sheet. Additional bridge data have been submitted with the Descriptive Reports of Hydrographic Surveys H-6837, 6839, 6844 dated 1943

In computing tide curves for obtaining the vertical clearances of the bridges noted by the field inspection party, the reviewer assumed the time noted on the field photographs to be Wa\$ Time (80th Meridian). The following discrepancies are noted:

Wooden Turn Bridge (Foot) Boothbay Harbor

	<u>Field Insp. Data</u>	<u>Bridge List</u>
Vert	7.8 MHW	4.5 HW
Horiz	30.5 West side	32.0
	18.4 East side	32.0

Fixed Steel & Wood (Hwy), Deckers Cove

3a Horiz. 44.9 North side 15.0 center, normal to
45.3 South side channel

Steel Turn Bridge (Hwy), Townsend Gut

Horiz. 38.1 both sides 53.0 both sides

43. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

H-6837, 6839, 6844 dated 1943, 1:10,000

MHW line of these maps is that of un-reviewed T-5988.

The field inspection party of 1942 noted a rock at approximately 43° 49' 30"/69° 44' 20". This rock does not appear on H-6839.

The positions of hydrographic stations Nos. 33 (topo.), 230, 254, 257, 535, 1187, 1257 (topo.), 1258, 1263, 1484 (topo.), and of bench marks Nos. 1, 2, and 4 in the vicinity of Isle of Springs were incorrectly radially plotted on the map manuscript. The new positions of these stations are shown on the map manuscript in red acid ink. (Revised forms 524 were made for the three topographic stations.)

The ^{position of the shoreline on the} revised map manuscript ^{that shown on} supersedes the hydrographic surveys listed above.

44. COMPARISON WITH PREVIOUS TOPOGRAPHIC SURVEYS (see also Descriptive Report)

The following topographic surveys are in the area of T-5988:

889	1862	1:10000	961	1864-65	1:10000
954	1864	"	982	1865	"

U.S.G.S. BOOTHBAY 15' ed 1893, rep. 1941 1:62,500

The present survey supersedes all of the above surveys, except for contours and interior planimetry.

45. COMPARISON WITH NAUTICAL CHARTS:

314	1938	1:40,000	230	1941	1:15,000
-----	------	----------	-----	------	----------

The MHW line and offshore detail and the inshore detail shown with black or green acid ink on the map manuscript should be applied to the charts when they are revised.

Reviewed by

Under direction of

Michael G. Misulia
Photogrammetrist
17 July, 1945

Ralph Moore Berry
Chief, Review Section

APPROVED

*B. J. Jones 4/48*Technical Assistant to the
Chief, Div. of Photogrammetry*J. H. Hittelman*Chief, Nautical Chart Branch
Division of Charts*K. T. Adams*

Chief, Division of Photogrammetry

C. K. Green

Chief, Div. of Coastal Surveys

Registrar's Notes. Jan., 1948

- 1 No forms 524 had been submitted for the USE and additional C & S stations listed in 26 above. A single card giving a statement concerning their use and a list of the stations is filed with the other 39 H & T cards for topographic stations on the map.
- 2 The "stack" mentioned in the reviewer's report as a probable land mark does not appear on chart 314, Aug. 1947, nor chart 1204, June, 1945.
- 3 Bridges - vertical & horizontal clearances: vault copy

Foot bridge at Boothbay Harbor	none given
* Deckers Cove	12 feet MHW
Townsend Gut	11 feet MHW
West Southport	6 feet MHW

Lucas T. Stevens
15 Jan, 1948

- 3a * A note (Jordan) on Misulia's original review report says:
"44 ft, both channels in hydro. records."

NAUTICAL CHARTS BRANCH

SURVEY NO. T 5988

Record of Application to Charts

[illegible]

M-2168-I

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.