

5991

Diag'd. on diag. ch. No. 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-5991

Extended Eastward to include Western Part
of T-5438

LOCALITY

State Maine

General locality Coast of Maine

Locality Johns Bay - Damariscotta River -

Linekin Bay

DATE OF PHOTOGRAPH

1943

10-20-41

CHIEF OF PARTY

Fred. L. Peacock

LIBRARY & ARCHIVES

DATE

Feb 6 - 1948

G-1870-1 (1)

5991

DATA RECORD

T- 5991

Quadrangle (II);
 U.S.G.S. Boothbay, Me. - 15' (part)
 U.S.G.S. Monhegan, Me. - 15' (part)

Project No. (II); CS 272
 Sub-project No. CS 272-B
 Sub-project No. CS 272-C

Field Office:
 U.S.C.&G.S. Bath, Me.
 Air Photo. Party No. 2, Baltimore, Md.

Chief of Party:
 Henry O. Fortin, Sub-project No. CS 272-B
 Fred. L. Peacock, Sub-project No. CS 272-C

Compilation Office:
 Air Photographic Party No. 2
 Baltimore, Maryland

Chief of Party:
 Fred. L. Peacock

Instructions dated (II III);
 January 12, 1942, and
 April 1, 1942

Copy filed in Descriptive
 Report No. T- (VI)-
 Div. Photogram Office Files

Completed survey received in office: 31 July 1943

Reported to Nautical Chart Section: ✓

230

11 June 1945

Reviewed: 18 Sept. 1945 Applied to chart No. 313

314

24 Sept. 1945

Date: 28 Oct. 1945

Redrafting Completed: 27 Oct. 1947

Registered: 16 Jan. 1948

Printed 14 Nov. 1947
 Published: Shoreline & Vault copy

Compilation Scale: 1:9,670

Published Scale: 1:10000

Scale Factor (III): 1.03413

Geographic Datum (III): N.A. 1927

Datum Plane (III): Mean Sea Level

Reference Station (III): PEMAQUID 2, 1934, r 1942

Lat.: 43° 51' 45.58" 1406.7m. Long.: 69° 30' 18.73" 418.3m. ~~Adjusted~~
 Unadjusted (Field)

State Plane Coordinates (VI):

Maine - west zone

X =

Y =

Military Grid Zone (VI)

None

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u> <i>p.m.</i>	<u>Scale</u>	<u>Stage of Tide</u>
7042	10/20/41	9:32 a.m.	1:10,000	10.6 above M.L.W.
7043	10/20/41	9:33 a.m.	1:10,000	10.6 above M.L.W.
7044	10/20/41	9:34 a.m.	1:10,000	10.6 above M.L.W.
7065 & 7066	10/20/41	9:57 a.m.	1:10,000	10.8 above M.L.W.
7078	10/20/41	10:07 a.m.	1:10,000	10.8 above M.L.W.
7079	10/20/41	10:37 a.m.	1:10,000	10.5 above M.L.W.
7080 & 7081	10/20/41	10:36 a.m.	1:10,000	10.5 above M.L.W.
7104	10/20/41	10:52 a.m.	1:10,000	10.3 above M.L.W.
7105	10/20/41	10:53 a.m.	1:10,000	10.3 above M.L.W.
7106	10/20/41	10:55 a.m.	1:10,000	10.2 above M.L.W.
7107	10/20/41	10:58 a.m.	1:10,000	10.2 above M.L.W.
7108	10/20/41	10:58 a.m.	1:10,000	10.1 above M.L.W.
7112	10/20/41	11:05 a.m.	1:10,000	9.9 above M.L.W.

Tide from (III)

Portland, Maine with time correction to New Harbor, Maine

Mean Range: 9.1 ft.

Spring Range: 10.4 ft.

Camera: (Kind or source) U. S. C. & G. S. nine lens camera (focal length 8 $\frac{1}{4}$)

All negatives are on file in Washington Office

Field Inspection by: Lieut. H. O. Fortin

date: Fall 1942

Field Edit by: None

date:

Date of Mean High-Water Line Location (III): 10/20/41

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

" " " checked by: John C. O'Neill, Washington O. date: 2/13/43

Control plotted by: Walter E. Schmidt

date: 2/1943

Control checked by: Louise C. Painter

date: 2/1943

Radial Plot by: Walter E. Schmidt

date: 2/1943

Detailed by: Dean E. White & Ada May Hobine

date: 4/8/43 to 7/16/43

Reviewed in compilation office by: (Shoreline & immediate adjacent culture-Project CS 272-C)
(Shoreline & interior-Project CS 272-C)

date: rough draft

James E. Sunderland

date: 6/29/43 to 7/2/43

Henry P. Eichert

7/19/43 to 7/28/43

Harry R. Rudolph

Elevations on Field Edit Sheet

checked by:

date:

STATISTICS (III)

Land Area (Sq. Statute Miles); 2 sq. statute miles

Shoreline (More than 200 meters to opposite shore); 42.5 miles

Shoreline (Less than 200 meters to opposite shore); 3.5 miles

Number of Recoverable Topographic Stations established;

25 on sub-project No. CS 272-B - area of survey No. T-5991

15 on sub-project No. CS 272-C (within extended limits of map drawing survey

40 total on map drawing Survey No. T-5991

Number of Temporary Hydrographic Stations located by radial plot;

No.T-5991

262 on sub-project No. CS 272-B

13 on sub-project No. CS 272-C

275 total on map drawing survey No. T-5991

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 the control transferred from adjoining map drawings consists of twenty-six (26) U. S. Coast and Geodetic Survey triangulation stations. One of these was identified by a field inspection point (F.I.S.) They have been shown by the usual triangulation symbols.

The following control stations are within the original detail limits of this map drawing, Survey No. T-5991, Project No. 272-B

Eleven (11) U. S. Coast & Geodetic Survey Triangulation Stations

- ** NEW HARBOR, CROSS ON M. E. CHURCH STEEPLE, 1934, r 1942 ✓
- ** DAVIS'S, LUTHER HOUSE, 1859, r 1942 -
- ** PEMAQUID 2, 1934, r 1942 ✓
- ** PEMAQUID LIGHT HOUSE, 1859, 1934, r 1942 ✓
- ** RUTHERFORD ISLAND SQUARE TOWER, 1934, r 1942 -
- ** REED, 1859 -
- ** LINEKIN NECK METHODIST MEETING HOUSE CHIMNEY, 1857 ✓
- ** BOOTHBAY HARBOR STANDPIPE, 1902, 1934, r 1942. ✓
- ** MOUNT PISGAH, 1857, r 1942 -
- ** LINEKIN NECK, RED CHIMNEY 1857 (r 1942 incorrect) ✓
- ** WIN, 1909, (r 1942 incorrect) ✓

The following control stations are within the extended detail limits of this map drawing Survey No. T-5991 (part of ~~map drawing~~ ^{area of} Survey No. T-5438 sub-project No. CS 272-C)

Four (4) U. S. Coast and Geodetic Survey Triangulation Stations

- ** LOOKOUT HILL, 1866, r 1942 ✓
- ** MCFARLAND'S THOMAS, HO. CHY., 1866, r. 1943 ✓
- ** YELLOW HEAD, 1866 ✓
- ** YELLOW HEAD 2, 1934, r. 1943 (identified by F.I.S. "YEL") ✓

The following list of control stations fall just outside the detail limits of this map drawing:

Eleven (11) U. S. Coast and Geodetic Survey Triangulation Stations

- ✓ * BOOTHBAY, CENTER BROWN SPIRE, 1857, r 1942
- * KENNISTON, 1858, r 1942
- * BOOTHBAY, CENTER WHITE SPIRE, 1857, r 1942
- * BOOTHBAY, HODGEN'S HO. CHY., 1857, r 1942
- ✓ ** BOOTHBAY HARBOR, WHITE SPIRE, 1934, r 1942
- * BURNT ISLAND LIGHTHOUSE, 1902, r 1942
- * SOUTHPORT LEDGE, 1857, 1933, r 1942
- * SQUIRREL ISLAND, S.W. END BN., 1934, r 1942
- * RAM ISLAND LIGHTHOUSE, 1902, 1934, r 1942
- * CHILDS, CAPT., HO. CUPOLA, 1859, r 1942
- * SQUIRREL ISLAND, CUPOLA POLE, 1902 (r 1942 incorrect)

26 CONTROL (Cont'd.)

* Stations have been transferred from adjoining map drawings and have been shown with red acid ink triangles.

** Stations have been plotted and have been shown with black acid ink triangles.

27 RADIAL PLOT:

(N.B.) Refer to the special report on the radial plots for map drawings, Surveys No. T-5985 to T-5994 inclusive, submitted as the appendix to the compilers descriptive report for map drawing, survey No. T-5986.

28 DETAILING:

The eastern limit of survey T-5991 divides Pemaquid Neck. For best control of the eastern portion of Pemaquid Neck, it appeared desirable to detail this part of the area of T-5438 on the map drawing for survey T-5991. Since the projection for map drawing T-5991 had adequate eastward extension, this has been done. Survey T-5991 is part of sub-project CS 272-B. In this sub-project, detailing of shoreline features and adjacent culture only is required. Survey T-5438 is part of sub-project CS 272-C. In this sub-project, detailing of complete planimetric detail including that of the interior is required.

The shoreline and immediate adjacent culture have been detailed on this map drawing in accordance with the Director's letters dated January 12, 1942, and April 1, 1942, pertaining to sub-project CS 272-B.

The shoreline and interior culture of the eastward extension to include part of the area of Survey T-5438, have been detailed on this map drawing in accordance with the Director's letters dated January 12, 1942, and April 1, 1942, pertaining to sub-project CS 272-C.

The areas pertaining to sub-projects Nos. CS 272-B and CS 272-C have been noted on the map drawing.

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 appear on the overlay sheet in order that the planimetry may be clearly interpreted by those concerned.

In some areas, considerable difficulty was encountered in establishing the positions of tertiary points due to relief displacement, dense vegetation along the shoreline and an insufficient number of photographs.

Small purple and green ink circles, on the glossy side of this map drawing, indicate positions of tertiary points which are relatively strong or weak respectively.

28 DETAILING: (Cont'd.)

The field inspection party did not submit any data to assist the compiler in identifying bluffs along the shoreline. Therefore, they were detailed according to stereoscopic examination of the office photographs. It is believed the character of all bluffs within the detail limits (original and extended) of this map drawing is rocky and therefore ^{all bluffs} were shown with the standard rock bluff symbol.

The U. S. Engineers had established a horizontal control scheme in New Harbor. This was not available for control of the map drawing because no geographic positions of the stations were available. Distances and directions of the U. S. Engineer observations were furnished the compilation office by the Washington Office. The field inspection party recovered twelve stations of the eighteen station scheme. Four of these twelve stations were identified on the photographs by field inspection stations. The other eight recovered stations were either picked direct on the photographs or identified by measurements to nearby points of well defined detail. The four F.I.S. points and the eight recovered stations otherwise identified were located on the map drawing by radial plot. Three of the stations identified by F.I.S. points were then plotted by graphic methods. The position of station VI was computed as follows:

From the scaled geographic position of F.I.S. "Back," direction angle from F.I.S. "Back" to U.S.E. triangulation station "G" (by sextant), forward azimuth U.S.E. triangulation station VI to U.S.E. triangulation station "G" and distance from "VI" (U.S.E.) to "G" (U.S.E.)

The positions of the entire group were then examined according to the distances between stations from the U. S. Engineer's data. Agreement was excellent.

These twelve stations are shown with $2\frac{1}{2}$ mm. black acid ink circles. Their positions and descriptions are being furnished on Forms No. 524.

During the progress of compilation on this map drawing, it became necessary to send the uncompleted drawing to the Washington Office for reproduction to obtain needed data for a hydrographic party operating in the area. In completing the map drawing, it was discovered that U.S.E. station H-H had not been correctly radial plotted. Therefore the position of this station on all copies made of the uncompleted map drawing is incorrect. Its position on the completed map drawing is correct.

It was impossible to identify accurately the true shape and size of most of the buildings on Inner Heron Island and on the southeast side of Linekin Neck due to dense foliage.

The position of the shoreline in the following areas is considered relatively weak:

- The south tip of Spruce Point
- The southwest tip of Linekin Neck known as Ocean Point
- The north and south ends of Negro Island.

See P 35, p. 9

28 DETAILING: (Cont'd.)

The entire shoreline of Little River

(The eastern shoreline of Linekin Neck from Little River north to the town of East Boothbay. This latter area has been outlined with red ink on the map drawing.)

See Review
Report. #436

The shoreline in the above areas was detailed from the positions of tertiary points determined by the intersection of only two radials. Dense vegetation and an insufficient number of photographs prevented this compilation office from identifying detail points on a sufficient number of photographs, in order that their positions could be determined by the intersection of three or more radials.

Roads shown within the original detail limits of this map drawing have been classified by this compilation office because no classification was submitted by the field inspection party.

Roads shown within the extended limits were classified in accordance with the submitted field inspection data.

The classification of all areas of vegetation shown within the extended limits on the map drawing is in accordance with the submitted field inspection data.

The position of one "U.S.E. B.M." Elev. 18.49 ft. was radial plotted and shown with a $2\frac{1}{2}$ mm. black acid ink circle in conjunction with the usual symbol. The position and description of this bench mark has been submitted on Form No. 524.

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.

31 LOW WATER AND SHOAL LINES:

The approximate limits of rock ledges have been detailed in accordance with the submitted field inspection data and have been shown with a dashed light-weight black acid ink line. These limits are for the use of the hydrographer only and they should not be accepted as indicating the true position of the mean low water line. Notes have been shown on the overlay sheet to assist in identifying these areas.

32 DETAILS OFFSHORE FROM HIGH-WATER LINE:

The approximate limits of reefs were detailed in accordance with the field inspection data and have been shown with dashed light-weight black acid ink lines. Notes have been shown on the overlay sheet to assist in identifying these areas.

Rocks have been shown in accordance with the field inspection data. The extent to which rocks bare at Mean High Water or Mean Low Water has been shown on the overlay sheet.

32 DETAILS OFFSHORE FROM HIGH-WATER LINE: (Cont'd.)

N.B. The time noted on the field inspection photographs covering the area pertaining to sub-project No. CS 272-B is Eastern Standard Time. The time noted on the field inspection photographs covering the area pertaining to sub-project No. CS 272-C is Eastern War Time (Daylight Saving Time).

33 WHARVES AND SHORELINE STRUCTURES:

Piers, wharves, bridges, etc., were shown on this map drawing in accordance with the submitted field inspection data.

34 LANDMARKS AND AIDS TO NAVIGATION:

The following three (3) recommended landmarks have been shown on this map drawing by $2\frac{1}{2}$ mm. black acid ink circles, and their radial plotted geographic positions have been submitted on form No. 567:

Flag pole, 40 ft. high, white, on south tip of Jones Point.

Flag pole, 40 ft. high, white, on white rock point, on east shore of Linekin Bay.

Spire, church, on south end of, in East Boothbay.

*Chart Letter
486 (1943)*

35 HYDROGRAPHIC CONTROL:

The positions of forty (40) recoverable topographic stations and two hundred and seventy-five (275) temporary hydrographic stations have been established on this map drawing by radial intersection or, in a few cases, by detailing from positions of surrounding detail points. Twenty-five (25) of the recoverable topographic stations and two hundred and sixty-two (262) of the temporary hydrographic stations are in the area of Survey T-5991. Fifteen (15) of the recoverable topographic stations and thirteen (13) of the temporary hydrographic stations are in the area of Survey T-5438.* The recoverable topographic stations and temporary hydrographic stations have been shown by $2\frac{1}{2}$ mm. and $1\frac{1}{2}$ mm. black acid ink circles respectively. * This section in N.E. corner of sheet actually was compiled and has been printed as part of T5991 this extending T5991 one minute east of the original sheet layout.

Descriptions of both types of stations had been previously compiled in a list and submitted with the uncompleted map drawing in July 1943. This list has since been revised and divided into two sections. Those stations pertaining to the area of survey No. T-5991, sub-project No. CS 272-B, were tabulated in one list and those pertaining to the area of survey No. T-5438, sub-project No. CS 272-C, were tabulated in another. These two lists should supersede the combined list previously submitted. The two revised lists have been submitted as an appendix to this report. Two additional copies of the appendix have been submitted for use of the hydrographic party.

Names or numbers of the stations have been shown on the map drawing, if recoverable topographic stations, and on the overlay sheet, if temporary hydrographic stations. The descriptions and geographic positions of the forty (40) recoverable topographic stations have been submitted on form No. 524. They are as follows:

Transferred to map drawing.

35 HYDROGRAPHIC CONTROL: (Cont'd.)

Twenty-five (25) recoverable topographic stations in area of Survey No. T-5991.

No..329A ✓	No..432 ✓	No..796 ✓	No..1537 ✓
No..343 ✓	No..433 ✓	No..809 ✓	No..1547 ✓
No..347 ✓	No..633 ✓	No..815 ✓	No..1561 ✓
No..408 ✓	No..646 ✓	No..850 ✓	No..1591 ✓
No..421 ✓	No..774 ✓	No..1510 ✓	No..1602 ✓
No..423 ✓	No..793 ✓	No..1529 ✓	No..2116 ✓
No..429 ✓			

Fifteen (15) recoverable topographic stations in area of Survey No. T-5438. (see also Descr. Additional Hy. Sigs... pp 1-3, attached hereto)

No. 1076 - Brick Chy. on grey cottage	II (U.S.E.)
No. 1104 - Black Iron Spindle, New Harbor	*III (U.S.E.)
A (U.S.E.)	IV (U.S.E.)
B (U.S.E.)	VI (U.S.E.)
C (U.S.E.)	VII (U.S.E.)
D (U.S.E.)	BOULDER (U.S.E.)
H-H (U.S.E.)	U.S.E. (BENCH MARK)
W-B (U.S.E.)	

from T-5999

15
40
39

* (temporary hydrographic station No. 1050 was very close to this recoverable topographic station and prevented showing the positions of both on the map drawing. They could be assumed to be in the same position)

37 JUNCTIONS:

Map drawing T-5992 North side - Junction in agreement
 Map drawing T-5438 East side - Land area on T-5438 included on T-5991. No junction necessary
 Map drawing T-5990 South side - Junction in agreement
 Map drawing T-5988 West side - Junction in agreement

38 CABLE CROSSING AREAS:

The limits of the two cable crossing areas shown on this map drawing by parallel dashed red acid ink lines were transferred from Chart No. 313, scale 1:40,000 by use of the projector and are approximate.

Deleted in Review

39 RECOMMENDATIONS FOR FUTURE SURVEYS:

The shoreline and interior culture shown on this map drawing is believed to be complete in all details of importance for charting and no additional surveys are recommended, ~~except for the area outlined in red ink. A note has been shown on the map drawing and overlay sheet calling attention to this area.~~ The position of the shoreline and immediate adjacent culture within the above mentioned area was considered relatively weak by this compilation office because of reasons previously discussed in this descriptive report. Plane table survey has been recommended for this area.

This survey (T-6916) has been applied to T-5991

39 RECOMMENDATIONS FOR FUTURE SURVEYS: (Cont'd)

It is believed the probable error in the positions of radial points and well defined objects along the shoreline is not greater than 0.5 mm. except the positions of the detail points and shoreline within the area discussed in the preceeding paragraph. It is believed the error in the positions of inland radial points and details of importance is not greater than 1.0 mm.

40 BRIDGES OVER NAVIGABLE WATERS:

All necessary data pertaining to bridges has been shown on the overlay sheet.

N.B. The time noted on the field inspection photographs covering the area pertaining to sub-project No. CS 272-B is Eastern Standard Time. The time noted on the field inspection photographs covering the area pertaining to sub-project No. CS 272-C is Eastern War Time (Daylight Saving Time).

41 PIPE LINE:

The pipe line shown on this map drawing by a dashed black acid ink line has been detailed directly from the field inspection photograph. It could not be identified on any office photographs. It is indicated by the note "Water pipe to Squirrel Island" on the overlay sheet.

42 GEOGRAPHIC NAMES:

Geographic names shown on the map drawing are from data submitted by the field inspection party. A list of undisputed and disputed names is included in this report. A special report on the investigation of geographic names has been submitted by the field inspection party.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

Boothbay Quadrangle (15') U.S.G.S., scale 1:62,500; edition 1893, reprint 1941.

Due to difference in scale between this map drawing and the above mentioned quadrangle, planimetric details could not be readily compared. In general, however, planimetry common to both is in fair agreement.

Monhegan Quadrangle (15') U.S.G.S., scale 1:62,500.

This quadrangle was not on hand.

45 COMPARISON WITH NAUTICAL CHARTS:

Chart 313 - scale 1:40,000 date July 1933, reissue August 1938 (corrected to August 12, 1942)

Due to difference in scale between this map drawing and the above mentioned chart, planimetric detail could not be readily compared. In general, however, planimetry common to both is in fair agreement except

45 COMPARISON WITH NAUTICAL CHARTS: (Cont'd.)

as follows:

At approximately Latitude $43^{\circ} 51' 50''$ and Longitude $69^{\circ} 33' 32''$ a bridge is shown on this map drawing across "The Gut." This bridge does not completely span "The Gut" on chart 313.

Chart 314 - scale 1:40,000 date February 1935, reissue July 1938.
(corrected to March 23, 1943)

Due to difference in scale between this map drawing and the above mentioned chart, planimetric detail could not be readily compared. In general, however, planimetry common to both is in fair agreement.

Respectfully submitted
7/29/43

Harry R. Rudolph
Harry R. Rudolph

Walter E. Schmidt
Walter E. Schmidt

Fred. L. Peacock
Fred. L. Peacock

Compilation reviewed by
(shoreline and offshore
detail, western part)

James E. Sunderland
James E. Sunderland
Sr. Photo. Aid

(Shoreline and offshore
detail, eastern part)

Henry P. Eichert
Henry P. Eichert
Jr. Photo. Engr.

and

Completion Review

Harry R. Rudolph
Harry R. Rudolph
Sr. Photo. Aid

Supervised by

Walter E. Schmidt
Walter E. Schmidt
Asst. Photo. Eng.

Approved and Forwarded
7/31/43

Fred. L. Peacock
Fred. L. Peacock

Chief, Air Photographic Party No. 2

REVIEW REPORT
Shoreline Map T-5991
DAMARISCOTTA RIVER, Johns Bay-Linekin Bay & Vic. Me.
1941-1942

Subjects not used in this review report are adequately covered in the Descriptive Report, or are inapplicable.

26: CONTROL Sufficient control was in evidence to insure the required accuracy for this survey.

27: RADIAL PLOT A check was made during review of the radial plot for T5991. Results were satisfactory.

28: DETAILING & FIELD INSPECTION The compilation of some sections of this map was quite difficult, since only two-cut tertiary points were available for detailing. (SEE ALSO DESCRIPTIVE REPORT; pp. 5, 6, 7) The notation in red ink in that paragraph will be explained in this report under 43b, below.

Rock ledge, rock awash and reef symbols shown on this map in red ink were supplied during the review of the hydrographic surveys covering that area. In order to expedite the review of this sheet, these symbols were not continued throughout the remaining portion of the sheet. A note pertaining to this has been made on the manuscript in red ink. Since the major portion of the area covered by T-5991 is also covered by H-6844, the reviewer believes that reference can be made to the hydrographic sheet for these features.

All approximate shoal lines detailed during compilation were removed during review. References to reefs and to some rocky ledge were allowed to remain on the overlay sheet merely to indicate their approximate position and to help locate them when reference was made to H-6844.

Field inspection in the area of this survey was adequate.

30. MEAN HIGH WATER LINE

The position of the shoreline in a few areas is considered relatively weak. This is discussed under paragraph 28 of the Descriptive Report. However, some correction has been made during review, and this will be described under 43b, below

34. LANDMARKS AND AIDS TO NAVIGATION

The three recommended landmarks appear on Chart 313, 1:40,000, 1945 ed

Subjects not used in this review report are adequately covered in the Descriptive Report, or are inapplicable.

26: CONTROL Sufficient control was in evidence to insure the required accuracy for this survey.

27: RADIAL POINT A check was made during review of the radial list for T-5991. Radials were satisfactory.

28: DETAILING & TYPING The completion of some sections of this map was delayed by the fact that the original points were not available until after the review of the Descriptive Report, and the revision in the hydrographic survey was made below.

* It is not a usual practice of the review section to transfer the names of rocks from the hydrographic survey to photogrammetric manuscripts and this will not be done in the future.

29: PHOTOGRAMMETRIC MANUSCRIPTS AND THIS

map in red ink were supplied during the review of the hydrographic survey covering the review of this sheet. The hydrographic survey was not completed until after the review of this sheet. A note pertaining to the remaining portion of the manuscript in red ink. Since the this has been made on the manuscript by T-5991 is also covered by H-6844, the reviewer believes that reference can be made to the hydrographic sheet for these features.

All approximate shoal lines detailed during compilation were removed during review. References to reefs and to some rocky ledge were allowed to remain on the overlay sheet merely to indicate their approximate position and to help locate them when reference was made to H-6844.

Field inspection in the area of this survey was adequate.

30. MEAN HIGH WATER LINE

The position of the shoreline in a few areas is considered relatively weak. This is discussed under paragraph 28 of the Descriptive Report. However, some correction has been made during review, and this will be described under 33, below.

31. LANDMARKS AND AIDS TO NAVIGATION

The three recommended landmarks appear on Chart 313, 1:40,000, 1942 ed

40. BRIDGES OVER NAVIGABLE WATERS

No data is furnished on the bridge across Little River in the List of Bridges, nor has any been supplied by the field inspection.

43a. COMPARISON WITH PREVIOUS TOPOGRAPHIC SURVEYS

T-995	1865	1:10,000	T-1032	1866	1:10,000
T-1000	"	"	1033	"	"

Except for contours, these surveys are superseded by T-5991 in their common areas.

43b. COMPARISON WITH GRAPHIC CONTROL SURVEYS

T-6916	1943	1:10,000
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The compilation office recommended that this survey be made on the western shore of the Damariscotta River. During review the originally detailed shoreline was deleted and the one supplied by T-6916 was transferred to T-5991. This new shoreline has been shown in red ink on the map and it includes the eastern shoreline of Linekin Neck from Little River north to the town of East Boothbay and the northern tip of Reeds Island.

43c. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

H-6843	1943	1:10,000
6844	"	"
6853	"	"

Ledge, reef and rocks awash were added to T-5991 from H-6843* and H-6853 during the review of those hydrographic sheets. The limits of these areas are approximately:

H-6843--- Lat. 43° 51.5' north, Long. 69° 31' to west limits

H-6853--- Lat. 43° 50.9' north, Long. 69° 30' to east limits

H-6844, which covers the remainder of the survey for T-5991, will be used directly when any reference is made to these features.

44. COMPARISON WITH QUADRANGLES:

U.S.G.S.	MONHEGAN	15'	1906, rep 1944	1:62,500
U.S.G.S.	BOOTHBAY		1944	1:62,000

The following differences have been noted between the Boothbay

Quadrangle and survey T-5991:

Independence Island - one large island on the Quad, shown as a large island on the map but there is a smaller island immediately north of it.

Small island at the mouth of Little River - shown attached to Linekin Neck on T-5991 and unattached on the Quad.

Northeast corner of Linekin Bay - On the Quad a peninsula on Linekin Neck juts out into the Bay and just east of the peninsula a cove with an island in it is shown. On T-5991 the peninsula is shown as an island, the cove has been made very small by a dam (approximate position: Lat. 43° 51' 35" Long. 69° 35' 25") and the lake formed by the dam has no island in it.

all common features on

Survey T-5991 supersedes both Quadrangles in their common areas.

45. COMPARISON WITH NAUTICAL CHARTS

313	July 1943	1:40,000
314	Feb. 1935	"
1204	June 1945	1:80,000

The following differences have been noted, during review, between T-5991 and the above charts:

Negro Island: - on the map there is an island to the east of this island, on charts 313 and 314 there is a peninsula on Negro Island.

Northeast corner of Linekin Bay: - on charts 313 and 314 same as in Quads mentioned above, excepting the island in the cove, T-5991 same as above.

The Gut: - chart 313 shows a pier partly across this body of water, the map has a bridge across it as well as a fill most of the way across with buildings on it.

Island in Christmas Cove: - on map it is connected to Rutherford Island by a wooden foot bridge, on chart 313 it is unattached.

Thread of Life Ledges: - the lower group of islands in this chain has three fair sized islands on chart 313, on the map there are only two.

Island at mouth of Little River: - on map it is shown connected to Linekin Neck; on chart 313 it is unattached.

Bridge across Little River: - this bridge connects two large peninsulas that jut out into Little River near its northern end; on chart 313 the bridge connects the western shores of these peninsulas, on the map it is nearly over to the eastern shores.

Survey T-5991 had previously been applied to charts. The following change has been reported to Nautical Charts:

"Correction of shoreline between East Boothbay and Little River on Linekin Neck and the northern top of Reeds Island."

Nautical Charts was notified of this change on 18 Sept, 1945.

SUPPLEMENTARY DATA

This survey has been extended eastward to include the western part of T-5438. The original portion of survey T-5991 is part of Project CS 272-B and is composed of shoreline and immediately adjacent culture. The extended portion of the survey is part of Project CS 272-C and is composed of shoreline and interior detail.

Reviewed by

Harold R. Brooks
Harold R. Brooks
Photogrammetrist
18 Sept. 1945

Under direction of
Ralph Moore Berry
Ralph Moore Berry
Chief, Review Section

APPROVED:

B. J. Jones 1/48
Technical Assistant to the
Chief, Div. of Photogrammetry

C. J. Stenlund
Chief, Nautical Chart Branch
Division of Charts

K. T. Adams
Chief, Div. of Photogrammetry

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

Undisputed Geographic Names

- | | |
|--|--|
| <ul style="list-style-type: none"> • Back Cove - • Bayville - • Beaver Island - • Birch Island - • Card Cove - • Christmas Cove - • Christmas Cove (town) - • Crow Island - • Damariscotta River - • East Boothbay (U.S.G.B.) - • Fishhawk Island - • Farnum Pt. • Fish Pt. - • Gamny Island - • Hay Island - • Inner Heron Island (vil) • Heron Island - • Independence Island (U.S.G.B.) - • Johns Bay (U.S.G.B.) • Johns Island (") - • Jones Cove - • Jones Pt. - • Knowles Rocks • Light House Cove (see below) • Lewis Cove • Linekin Bay • Little Island (1: near New Harbor) - • Little Island (2: head Linekin Bay) - • Little Harbor - • Little River - • Meadow Cove - • Montgomery Pt. - • Negro Island - • New Harbor Dry Ledges - • New Harbor (Village) - • Linekin Neck • Lighthouse Cove - • McFarlands Cove (U.S.G.B.) - • Linekin (village) • Clifford Pt (a little NW of Foster Pt) - • Farnum Cove (w. side Farnum Pt) • Dry Pt. (s. end Reeds I.) • Apalachie Pond (sw. of Bayville) • Card Ledge • Davis Island - • Davis Head - • Foster Pt. - • Crow Island Ledges | <ul style="list-style-type: none"> • New Harbor - • Murray Hill - • Needles Eye - • Ocean Point (village) - and Pt. ? (yes) • Paradise Pt. - • Pemaquid Beach - • Pemaquid Pt. - • Pemaquid Point (Village) • Pemaquid Neck - • Pemaquid Harbor - • Perch Island • Pollock Rock - • Pumpkin Cove - • Rutherford Island - • South Bristol - • Spruce Pt. - • Thorpes Pt. - • Thread of Life • Turnip Island - • The Gut - • Thread of Life Ledges • Crow Island Ledges • Yellow Head - • Thread of Life (passage) • Ocean Harbor (w. side of Reeds I.) • Spruce Shores (w. shore Linekin Neck, lat. 43° 49') • Reeds Island • Mount Pisgah |
|--|--|

All names listed above
approved 12/5/45. L. Heck
(438 694-95-96)

Undisputed Geographic Names
Not shown on map drawing

Corvette Ledge - ✓

Decker Rock - ✓

Holbrook Ledge - ✓

Inner Heron Ledge - ✓

Kelp Ledge - ✓

Meadow Cove (Brook?) ✓

Mt. Pisgah - ✓

Seal Rock - ? (see chart 313) ✓

The Bulldog - ✓

Thrumcap Ledge - ✓

Tibbits Ledge - ✓

Island .

W. of map area

Names undetermined in text approved
by L. Heck on 12/5/45

Pending action
by U.S.B.G.N

All these names appear on Chart 313, 1:40000, Sept. 1945

Only Meadow Cove appears on T-5991

Only Decker Rock appears on Chart 1204, 1:80000, June 1945

L. T. Stevens

16 Jan. 1948

Disputed Geographic Names

Card Ledge
Davis Head
Davis Island
Foster Pt.
Reeds Island
Thrumcap I.

Davis Pt.

Card Rock
Odis's Head
Witch Island
Nash Pt.
Reed Island
Thrumcap Island

Names underlined listed approved
by L. HECK on 12/5/85

Pending action
by U.S.B.G.N

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DESCRIPTIONS OF
HYDROGRAPHIC SIGNALS & SIGNAL SITES
LOCATED BY RADIAL PLOT ON MAP DRAWING
SURVEY NO. T-5991
PROJECT CS 272-B-COAST OF MAINE

Note The hydrographic signal sites
(photo hydro stations) are not shown on
the printed file copy of T-5991 but are shown
on the manuscript filed in the Division
of Photogrammetry. *agg.*

SIGNAL NUMBER

DESCRIPTION

1496	✓	Southwest corner of large dock.
1497		Center of sign on tip Spruce Point.
1498	✓	Outer end center of fixed white pier.
1499	✓	Outer end center of small grey fixed pier with flag pole (Signal Site).
1500		Outer end center of fixed rustic pier.
1501	✓	Outer end center of grey weathered fixed pier.
1502	✓	Outer end center of fixed pier.
1503		Large 5' boulder in bight at H.W.L. top center (Signal Site).
1504	✓	Outer end center of white fixed pier.
1505	✓	Outer end center of fixed grey pier on point.
1506		Outer end center of fixed grey pier in bight.
1507	✓	Most southerly of two small fixed piers (rustic one) outer end center.
1508	✓	South gable of dark grey shingle shed, on point in bight.
1509		20' triple spruce at grassline west of beach in bight. (Signal Site).
1510	✓	High part of North end of island ledge. North of groove across ledge (Signal Site)
1511	✓	Northeast corner of shingle shack on pier.

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
1512 ✓	South gable of ochre colored house with white trim on point.
1513 ✓	Northeast gable of weathered fish house on west side of bight.
1514 ✓	South gable of grey shingle boathouse (on point) with red brown door.
1515 ✓	South end center of yellow and green houseboat at head of cove near highway.
1516 ✓	10' spruce on rock point in bight (Signal Site).
1517 ✓	Outer end of fixed pier.
1518	Tip of peaked grey mottled boulder on rock ledge, <u>not</u> round boulder on beach to west. (Signal Site)
1519 ✓	Southeast corner of most northerly of two piers with boarded ends.
1520 ✓	Outer end center of fixed pier with yellow new wood yoke, out from house with green lattice.
1521 ✓	Outer end center of small green pier near head of bight.
1522 ✓	West gable of house with lacey eaves at head of bight.
1523	Outer end center of olive drab pier.
1524	High part of white rock ledge off point.
1525	6' north of northernmost spruce on island (Signal Site).
1526	25' lone spruce on grass plot south of boathouse (Signal Site).

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
1527	Tree at north end of stone blind on south tip of island.
1528 ✓	Outer end center of fixed pier.
1529	Rock cairn on bare neck (Signal Site).
1559	Outer end center of white pier with yoke at both ends.
1560	At brushline, on flat black rounding rocky point with boulder bights on either side.
1561 ✓	South gable of grey boathouse at waters edge.
1562	Top of large white boulder at high water mark off brush patch.
1563 ✗	West gable of shingled garage at head of bight.
1564	Top of brown steep rock north of white cottage on shore.
1565	West gable of white house with door (offground) on east (or west?) end.
1566 ✗	Northwest corner of fixed pier at "Spruce Shores".
1567	Lone 8' spruce in bight, on old quay (Signal Site).
1568 ✓	Northwest corner of old pier where tall piling is (Signal Site).
1569 ✗	Outer center of fixed green pier.
1570 ✗	South gable of brown boathouse with green trim.
1571 ✗	Northwest gable of brown log cabin in bight.

SIGNAL NUMBER

DESCRIPTION

1572	Northerly outer corner of long tan pier.
1573	Most southerly spruce on small island east of Negro Island.
1574	Lone spruce on grassy point. Most westerly of 3 or 4 lone ones, 10' high (Signal Site).
1575	Lone double spruce near telephone pole south of green porched hotel (Signal Site).
1584	Stump at waters edge on point (Signal Site).
1585	Center of most southerly opening on causeway (Signal Site).
1586	Round topped white offshore boulder awash at high water.
1587	Flat rock at Northeast corner of head of bight. Signal Site at grassline.
1589	5' lone spruce at edge of low brush on grey rounded rock point (Signal Site).
1530	Outer end center of green railed fixed white pier.
1531	Center of bottom of steps at gangway base on point.
1532	Outer end center of white fixed pier.
1533	Outer end center of white pier (with yoke) just east of sea wall in bight.
1534	Outer end center fixed pier off tall spruce on white rock point.
1535	Outer end center of fixed pier on point off yellow trimmed house.
1576	Tower on stone church

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
1536	Tallest tree on Fish Hawk Island.
1537	Lone spruce on Little Island.
1538	Outer end center of brown fixed pier of log cabin.
1539	Outer end center of abandoned pier (Signal Site).
1540	White flag pole (30') on white rock point.
1541	Point in south end of brown and white rock ledge where brush starts over it from east side or about at highest southern point.
1542	Northeast gable of barn of red house.
1543	Southwest corner of tin garages.
1544	West gable of grey weathered shed on rocks.
1545	4' spruce on North end of island (Signal Site).
1546	Outer end center of small white fixed pier off green house.
1547	Base of 40' flag pole on white rock point (Landmark).
1548	Southwest gable of white shingle boathouse between two piers.
1549	Outer end center of large green fixed pier.
1550	West gable of small light grey cottage with green roof.
1551	Higher of two offshore boulders north of small island. (Signal Site).

SIGNAL NUMBER

DESCRIPTION

1552	Top of large flat white boulder on point (with painted spot on it).
1553	Small spruce (6') on point south of cluster of birches.
1554 ✓	South gable of lobster shack on pier.
1555 —	Top center of south portion of white ledge awash at High Water (Signal Site).
1556 ✕	West gable of red roofed white shingle boathouse south of outdoor fireplace.
1557 ✓	Outer end center of fixed pier off tall pine.
1558 ✕	White pier (outer end center) with peaked yoke and "EN" on it.
639	Tip of white point at high water mark forming south gate of small bight.
640	Top center of banded grey and brown rocky point just east of small cobblestone beach, white ledge to east (Signal Site).
641 ✕	Outer end center of fixed pier belonging to log cabin, most northerly of two.
642	Small trees 3'-4' on steep sided point opposite Farnum point (Signal Site).
643 ✕	East gable of white boathouse; dark green trim, ship weathervane.
644 ✕	Northeast corner of warehouse pier.
645 ✕	Northeast corner of pier running north from ways.
646 ✕	Church steeple East Boothbay south end of church. (Landmark)

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
647	East gable of most northerly white house, dormer on South roof.
648	Tallest spruce tree on east side of small island in harbor.
649	East gable of weathered grey fish house on pilings.
650	Small 3' dead spruce tree on north tip of grassy point 8' from high water line.
651	North gable of weathered T shaped farm house.
652	North gable of two story white house with red shutters.
653	Grey rock point near head of cove at foot of large oak 3' back from high water line (Signal Site).
835	Outer end center of small fixed pier.
836	Northwest corner of outer end of grey fixed pier.
837	Northwest corner of outer end of fixed pier by small rocky bight.
838	High part of grass covered rock ledge (Signal Site).
839	Edge of grass on grassy rock point.
840	Top of white rock ledge about 25' offshore at high water.
841	Top of white rock by oak trees at head of bight (Banner Site).
842	Top center of grass topped brown ledge in cove (Signal Site).

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
843	Small 5' spruce on south tip of small island (Banner Site).
844	Top of white rock point at fence on mainland (Signal Site).
845 ✓	East gable of grey shingle fish house on pier.
846	East gable of white house with two gable windows.
847 ↗	Outer end of fixed pier center.
848 ↗	Outer end center of fixed pier on point.
849 ✕	Southeast corner of white pier outer fixed end.
850	Flagpole on point 40' high (Landmark).
851 ✕	Southwest corner of center end fixed pier.
852	West gable of white boathouse in bight.
853 ↗	Outer end center of blue and white railed pier fixed.
329a ✕	Green cupola on grey house with green roof.
330 ✕	South gable of brown two story shingled house, encircling porch, flagpole to south.
331 ✕	North gable of grey two story hip roof house; most northerly of group, green trim.
332	Top of pointed rock at high water on point - black sharp pointed (Signal Site).
333	North end of high water white rock at south end of point (Signal Site).

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
334 X	West gable of small bathing shack in bight.
335 X	North gable of high section of two section house, green roof on low section to north.
336	Double spruce trees taller group of two double spruces on west side of point about 25' high - lower pair of spruce to south.
337 X	West gable of grey shingle sided L shaped house; green trim.
338 X	West gable of grey house between two green roofed cabins blue trim.
339 ✓	Center line of outer fixed end of pier.
879	Halfway between road and high water mark at end of bight opposite largest spruce tree.
1601	2' spruce at edge. Most easterly of 3 in a row in front of grey shingle house (Signal Site).
1602	Base of flagpole (18' high) on south grassy end of Negro Island.
1603 X	Northwest corner of white pier on northwest side of Negro Island.
1604	Base of telegraph pole on north tip of Negro Island (Signal Site).
340 X	West gable of light shingled light green roofed house; two dormer windows.
341 X	South gable of boat house on beach in bight.
342 ✓	South gable of L shaped house most northerly of two similar houses - 3 windows in one dormer.

SIGNAL NUMBER

DESCRIPTION

343	+	West gable of two story white building with green roof.
405	+	West gable of pyramid roofed house on point, flagpole in front.
407		Center of south end of rock ledge about 8' above high water mark. Now has red flag on it.
408	+	West gable of pyramid roofed house on north point white trim green roof.
409	+	Northeast corner of fixed pier on north point. Outer northeast corner of lower stage.
410	+	Chimney on pyramid roofed grey shingle house with ship weathervane.
411	×	East gable of two story shingle hip-roof house, small window in attic peak, white trim.
412	×	Chimney on red roofed green house.
413		6' spruce at north end of driftwood and boulders, edge of tree line (Banner Site).
414		High part of rock ledge north end of rock awash at high tide (Signal Site). (uncor. 6' on manuscript)
415		Lone spruce on south end of island (Turnip) 18' high.
416	+	South gable of large two story white house, green roof, and dormer flagpole to south.
417	+	East gable of low house with dappled roof and dormers.
418		Top of grass covered knoll at head of crevice (Banner Site).

SIGNAL NUMBER

DESCRIPTION

419	Center of northwest group of 7 or 8 spruce trees about 16' high on north point at edge of grass above small cliff.
420	Pole at northwest corner of outer fixed end of pier.
421	Rock cairn on white boulder at edge of grass patch, small stick on top.
422	Lone 20' spruce standing out south of spruce grove on southeast edge of island. (Thumcap Island.)
424	Dense 8' high group of spruce on south end of Crow Is.
344	Spruce sitting out on point at grassline about 14' tall, most southerly of several scattered small trees; small gravel beaches at each side of point, small bight to east (Signal Site).
345	Small spruce (12' high) just west of tree line (Signal Site). Just west is a small stump at center of heavy gravel beach.
346	Rounded 3' white boulder sitting free on rock point between two gravel beaches just at grassline.
347	South gable of southernmost cottage of group, white with green roof.
348	South gable of cream colored house on point with red, yellow and blue checkered roof.
349	East gable of white refreshment shack on beach.
350	Top of pyramid shaped roof of small red brown out-building of house at rocky point.
351	Little lone spruce on grassy point.
352	High part south west end of island ledge (Signal Site).

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
353	West gable of two story grey house with glass porch and prominent chimney on point.
354	Center line of end of pier on point (Note end about ready to fall off).
355	East gable of yellow dance and movie pavilion built over water.
356	Southwest corner fisherman's wharf.
431	Top of white knob forming south gatepost to inlet about 12' east of small 3-4' spruce (Signal Site).
432	Top center of white barnacled oblong rock at high water mark (Signal Site).
433	Southwest gable (with semi-circular window) of rambling grey shingle house, cream trim.
434	Center of large rounded saddle shaped grey boulder just at high water line.
435	Center of open end log shelter.
436	Top of grey brown splotched promontory at south point. Highest point south of tree line (Signal Site).
437	East center of small cement base for gangway white railing.
438	Centerline of fixed North end of pier on north end of island.
439	Most southeasterly of all trees on North tip of Island 10-12' tall (Signal Site).
767	Small 2' tree (spruce?) on rounded white offshore ledge (Signal Site).

SIGNAL NUMBER

DESCRIPTION

768		Jagged crested dark ledge east of large white birch on point east of small beach (is the most northeasterly rock) (Signal Site).
769		Rounded light grey rock on point, point on high part (Signal Site).
770	X	Outer end center of fixed pier south of railway.
771	X	Outer end center of fixed pier east of grey shingle house.
772	+	Northwest gable of grey shingle fish house on southeast side of gut.
773		Lone spruce on waters edge north side of gut.
774	X	West gable of small shingle house with red checkered roof.
775	+	East gable of small grey shingle garage with white trim.
776	X	Watchman's house on bridge center.
778		Outer fixed end of pier on north side of small island bridged to Rutherford Island.
780		End of grass on white northeast point of small bridged Island (Signal Site).
781a	X	South gable of small boathouse on pier at head cove on Davis Island.
781	✓	South gable of small yellow shingle house on Island near bridge.
782		Most northerly small spruce on north tip of small island in bight (Signal Site).
783	X	Outer end center of fixed pier on south side of Davis Is.

SIGNAL NUMBER

DESCRIPTION

430	Center and high part of small promontory at point.
429 X	White 25' flagpole with cross piece east of camps.
2083	Lone pine on west side of swimming pool.
428	High sharp grey rock just across gut from 427.
426 X	Red chimney on two story cement house with checkered roof; arches under proch.
2082	Top northern part of white tipped ledge at entrance of draw 2' above mean high water.
2084	Top center of outer portion of rounded white rock point forming northwest corner of Birch Island.
2051 X	Center of outer end of fixed pier off shed opposite Birch Island.
2086 X	Northeast corner of stone pier on Rutherford Island opposite south end of Birch Island.
2091	6' lone spruce on west side of rock ledge on south end of Birch Island. Alternative to end of wooden dock.
2085 4	Center of outer end of fixed wooden pier on west side of south end of Birch Island.
425	Lone dead spruce at south edge of grass (Hay Island).
2087	Round boulder at high water line on west end of Hay Island and northwest of spruce trees.
2088 X	Corner post on southeast corner of porch on white house with green roof. Railing above porch. House has two brick chimneys.
2090 X	Red brick chimney on grey shingled house with white trimmed glass porch and grey green composition roof.

SIGNAL NUMBER

DESCRIPTION

2089 +	Peak of stone pagoda on rock promontory off grey shingled house.
786	Largest stoutest and southernmost member of double spruce on east side of point.
785	Triple spruce on west side of point.
787 +	Outer center of wooden fixed pier west of large white house.
788	Ledge forming southern end of beach. Point is 15' back from high water mark -- rocky on point (Signal Site).
789	Most southerly tree of trees on island ledge at south entrance to bight.
790 +	Cupola on grey shingle house above beach.
791 +	Top of dark rock ledge on west end of beach swash high tide (Signal Site).
792 +	West gable of hip roofed grey shingle house with green trim.
793	White triangular ladder beacon top center.
794	(Banner Site) 10' west of westernmost spruce on point (Tallest of group of three).
795 +	North gable of grey shingle house, flagpole on gable.
796 +	Red barrel beacon.
797 +	Flagpole on north gable of green shingle yacht club.
799 +	Southeast corner of outer fixed end of white pier, post on corner.

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
800	West gable of boathouse with striped door.
801 X	Outer fixed end center of short pier.
802 X	Outer fixed end center of green pier below high catwalk.
803	Small rock pile in grass at head of bight at high water line, rock pile lies between stream and dead brush on highway fill.
804 X	Southeast corner of high part of fixed pier outer end on west side Christmas Cove.
805 X	East gable of grey boathouse in small bight.
806 X	South gable of grey shingle boathouse on grassy point.
807 X	20' spruce on island northeast of shingle house.
808 +	South gable of grey shingle fish house with white window.
809	Black barrel beacon.
810 +	Outer end center fixed pier.
811	10' south of lone double spruce on point (Signal Site).
812	High part of sugary yellow white rock ledge about 12' above high water and 25' from tree line (Signal Site).
813	High part of white rock (north part) on brown ledge (Signal Site).
814 T	Outer end center of fixed pier with scaffold.
815 X	South gable of grey boathouse in bight.

SIGNAL NUMBER

DESCRIPTION

816	+	Outer end center of log and rock pier.
817	X	Outer end center of fixed pier of house with white railings.
818	X	East gable of two story white house in field.
819	X	Southeast corner of fixed end of pier with prominent white rail and benches.
820		At low brush on Rock Point north of birches (Banner Site).
821	X	North gable of shingled boathouse in bight.
822		Lone Spruce on point north of small cottage.
823	X	Centerline outer end fixed pier with small green toolhouse.
824	✓	West end of white garage on east side of road at head of cove.
825	X	Outhouse at waters edge below fruit tree.
826	X	North gable of grey shingle house with green trim on the neck.
827	+	Covered marine ways with white doors, green roof. South gable is point.
829	X	West gable of tar papered fish house.
830		Flagpole on grassy rounded point.
831	X	West gable of house in bight; patched walls and roof.
832	9	Base of hoist on old pier (Gin pole).
833	X	Top of pyramid roofed grey shingle boathouse.

SIGNAL NUMBER

DESCRIPTION

834	Southwest corner of outer end of fixed pier.
1596	Center of broad belt of white rock where it meets brush line east of log cabin.
1597	Top center of log back dark ridge in small bight north of cabin (Signal Site).
1598	Edge of grass on grey rock promontory just west of deep crevasse (Signal Site).
1599	6' northeast of brushline, on grey rock point, just south of deep crevasse (Signal Site).
1600	Top center of northernmost of two white rock ledges on shore (a loose white boulder lies about 20' west of the point) (Signal Site).
1577	6' spruce on south edge of clump of spruces on edge of high grassy knoll.
1578	Tip of brush line on southeastern most point.
1579	East gable of light shingled house on pier.
1580	Westernmost of two white boulders on grey ledge point.
1581	Center of brush on island ledge northwest of bridge.
1582 X	East gable of white cottage with small porch on east end.
1583 X	Southeast corner of flat-topped lobster shack.
1588	Edge of brush patch on rounded point; southeast corner patch.
1591	30' flagpole south of large log lodge on point.

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
1592	North tip of grassline on north end of Reed Island.
2116	Tall open wooden lookout tower (70'0 on Linekin Neck, on east side of road along top of ridge.
423	High part of ledge just East of long ledge running South from Crow Island. Most northeasterly of group.
779	Top center brown rock south of Davis Island.
784	12' back from H.W. line on point (Falls about on a small peak). (Signal Site)
633	Octagonal cupola on red and yellow two story house on point.
634 X	East gable on grey shingle cottage (Porch all around) with two dormers on south side.
635 X	South gable of grey shingle house with green trim on point.
637 ✓	Northeast gable of large grey shingle house with three dormers on steep front roof.
638	Huge white 10' boulder at grass line.
1593 X	Outer end center of old fixed pier on Reed Island.
1594	South tip of brushline on Reed Island (Signal Site).
1595	Top center of steep grey promintory on central east side of Reed Island (Signal Site).

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DESCRIPTIONS OF ADDITIONAL
HYDROGRAPHIC SIGNALS, SIGNAL SITES, AND OF ADDI-
TIONAL RECOVERABLE TOPOGRAPHIC STATIONS LOCATED
BY RADIAL PLOT ON MAP DRAWING, SURVEY NO. T-5991

SUB-PROJECT CS 272-C - COAST OF MAINE

*This number has been assigned
to another section of the country.*

N. B. These signals are all in the area of Survey No. T-5438. The western
part of this area was detailed on the map drawing, Survey No. T-5991. *ie
area between long 69°29' and 69°30'. This list of descriptions has been
cross referenced in report T-5438.*

*The area covered by the original sheet
Note: a T-5438 has been absorbed by sheets T-5991 and
T-5999. Cross reference has been made in descriptive
report for T-5999*

B 1/29/48

SIGNAL NUMBER

DESCRIPTION

1044		North tip of highest part of granite ledge.
1045		East tip of white granite ledge. Brown ledge forming extreme point joins on at tip of white ledge.
1046	X	Northwest gable of unpainted boathouse with green roof.
1047	X	East gable of white $1\frac{1}{2}$ story green roofed house.
1048	X	East gable of white $1\frac{1}{2}$ story house with gray shingle roof. Three windows above two windows in east end. Green blinds.
1049	X	White flagpole 25' S.W. corner of Gilbert's market on pier. (Base pricked).
1050	T.	Pole 10' on N. W. corner of pier. (Base pricked).
1076	1	Brick chimney on gray shingled story and a half cottage with flagpole just N. of N. end of cottage.
1077		Highest part of granite ledge with green moss on top. Ledge drops slightly to westward and then rises abruptly.
1078		Northeast tip of white part of granite ledge.
1079		Northeast corner of part of ledge that is detached at H. water.
1080		North tip of projecting granite ledge.
1081		South tip of ledge on north side of deep crevasse in rock cliff.
1082		Highest part of projecting granite ledge; detached at H. W.

SIGNAL NUMBER

DESCRIPTION

1104

Cask on top of black iron spindle in New Harbor.
Top pricked.

NAME

DESCRIPTION

U.S.E. (Bench Mark)

The mark is a drill hole within a circle marked
U.S.E. Elev. 18.49 ft. directly inshore from
station "D" (U.S.E.)

Falls on T-5999 (north of T-5991)

II (U.S.E.) 1935

Station is a nail within a triangle cut into wharf
in N.W. corner of Gloucester Fish Co. on S. shore
of harbor. The N.W. corner of this wharf is with-
out pilings to support it and is unsafe.

III (U.S.E.) 1935

Station is a nail head in a triangle cut in N.W.
corner of P. Leeman pier.

IV (U.S.E.) 1935

Station is a drill hole in a triangle cut into a
granite stone of Danford Point Trust pier. Station
is marked by "IV" cut into stone by triangle. As
the stone is loose, the position may not be the same
as the original position.

VI (U.S.E.)

Station is a drill hole in a triangle cut into ledge
on west point of Back Cove entrance, about 10' S. of
H.W.L.

VII (U.S.E.) 1935

Station is a drill hole in a triangle marked VII¹
cut into highest part of ledge on point of Back
Cove entrance.

"A" (U.S.E.)

Station is a drill hole in a triangle cut into ledge
about 15' N.W. of H.W.L. and is marked by "A" cut
into ledge.

"B" (U.S.E.)

The station is a drill hole in triangle marked with
B-- cut into boulder about 350 feet east of Scoville
runway. (Marine Railway)

NAME

DESCRIPTION

"C" (U.S.E.)

Station is a nail head in a triangle cut in S.W. corner of C. B. Meserve Wharf. The wharf is now in bad condition and the mark will probably be lost in a few years.

"D" (U.S.E.)

The station is a drill hole in triangle cut into granite stone of Danford Point Trust wharf. The wooden pier has been built over stone part of wharf, but mark was seen and is in good condition.

HH (U.S.E.)

The station is a drill hole in triangle, cut in small ledge, about flush with ground, on bluff at West end of harbor about 80 feet back from edge of bluff. Letters HH cut into ledge.

W-B (U.S.E.)

Station is a drill hole in triangle cut in ledge about 125ft. north of H.W.L. Marked by W.B. cut into ledge.

Boulder (U.S.E.)

Station is a drill hole in center of flat boulder between Gloucester Fish Pier and boathouse at west end of harbor. Station "I" was 43 ft. south of station boulder but was not found.

T-5991

SIGNAL NUMBER

DESCRIPTION

1483	Spire of brown Catholic church.
1938	High piling on what was S.W. of old pier N.W. of stone quarry (Signal Site).
1485	Outer end center of smaller and most northerly of two white fixed piers.
1486	High part of south end of large island ledge (Signal Site).
1488	South gable of house on end of pier with flag pole on gable.
1487	Outer end center of fixed grey pier.
1489	North gable of green roofed house on pier on N. side of Tumbler Island.
1605	Flag pole on N.E. side Tumbler Island.
1490	Edge of brushline on Southwest point of Tumbler Island (Signal Site).
1492	Outer end center of fixed pier opposite island.
1491	Outer end of stone jetty (Signal Site).
1493	Most southerly spruce on point. (Signal Site)
1494	Outer end center of fixed green pier.
1495	South gable of small white cottage on round point.
1496	Southwest corner of large dock.
1497	Center of sign on tip Spruce Point.

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
1498	Outer end center of fixed white pier.
1499	Outer end center of small grey fixed pier with flag pole (Signal Site). <i>position could not be established by air photo compilation</i>
1500	Outer end center of fixed rustic pier.
1501	Outer end center of grey weathered fixed pier.
1502	Outer end center of fixed pier.
1503	Large 5' boulder in bight at H.W.L. top center (Signal Site). <i>position could not be established by air photo compilation</i>
1504	Outer end center of white fixed pier.
1505	Outer end center of fixed grey pier on point.
1506	Outer end center of fixed grey pier in bight.
1507	Most southerly of two small fixed piers (rustic one) outer end center.
1508	South gable of dark grey shingle shed, on point in bight.
1509	20' triple spruce at grassline west of beach in bight. (Signal Site).
1510	High part of North end of island ledge. North of groove across ledge (Signal Site).
1511	Northeast corner of shingle shack on pier.
1512	South gable of ochre colored house with white trim on point.
1513	Northeast gable of weathered fish house on west side of bight.

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<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
1514	South gable of grey shingle boathouse (on point) with red brown door.
1515	South end center of yellow and green houseboat at head of cove near highway.
1516	10' spruce on rock point in bight (Signal Site).
1517	Outer end of fixed pier.
1518	Tip of peaked grey mottled boulder on rock ledge, <u>not</u> round boulder on beach to west. (Signal Site)
1519	Southeast corner of most northerly of two piers with boarded ends.
1520	Outer end center of fixed pier with yellow new wood yoke, out from house with green lattice.
1521	Outer end center of small green pier near head of bight.
1522	West gable of house with lacey eaves at head of bight.
1523	Outer end center of olive drab pier.
1524	High part of white rock ledge off point.
1525	6' north of northernmost spruce on island (Signal Site).
1526	25' lone spruce on grass plot south of boathouse (Signal Site).
1527	Tree at north end of stone blind on south tip of island.
1528	Outer end center of fixed pier.

SIGNAL NUMBER

DESCRIPTION

1529	Rock cairn on bare neck (Signal Site).
1559	Outer end center of white pier with yoke at both ends.
1560	At brushline, on flat black rounding rocky point with boulder bights on either side.
1561	South gable of grey boathouse at waters edge.
1562	Top of large white boulder at high water mark off brush patch.
1563	West gable of shingled garage at head of bight.
1564	Top of brown steep rock north of white cottage on shore.
1565	West gable of white house with dock (offground) on east (or west?) end.
1566	Northwest corner of fixed pier at "Spruce Shores".
1567	Lone 8' spruce in bight, on old quay (Signal Site).
1568	Northwest corner of old pier where tall piling is (Signal Site).
1569	Outer center of fixed green pier.
1570	South gable of brown boathouse with green trim.
1571	Northwest gable of brown log cabin in bight.
1572	Northerly outer corner of long tan pier.
1573	Most southerly spruce on small island east of Negro Island.

SIGNAL NUMBER

DESCRIPTION

1574	Lone spruce on grassy point. Most westerly of 3 or 4 lone ones, 10' high (Signal Site).
1575	Lone double spruce near telephone pole south of green porched hotel (Signal Site).
1584	Stump at waters edge on point (Signal Site).
1585	Center of most southerly opening on causeway (Signal Site).
1586	Round topped white offshore boulder awash at high water.
1587	Flat rock at Northeast corner of head of bight. Signal Site at grassline.
1589	5' lone spruce at edge of low brush on grey rounded rock point (Signal Site).
1530	Outer end center of green railed fixed white pier.
1531	Center of bottom of steps at gangway base on point.
1532	Outer end center of white fixed pier.
1533	Outer end center of white pier (with yoke) just east of sea wall in bight.
1534	Outer end center fixed pier off tall spruce on white rock point.
1535	Outer end center of fixed pier on point off yellow trimmed house.
1536	Tallest tree on Fish Hawk Island.
1537	Lone spruce on Little Island.

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SIGNAL NUMBER

DESCRIPTION

1538	Outer end center of brown fixed pier of log cabin.
1539	Outer end center of abandoned pier (Signal Site).
1540	White flag pole (30') on white rock point.
1541	Point in south end of brown and white rock ledge where brush starts over it from east side or about at highest southern point.
1542	Northeast gable of barn of red house.
1543	Southwest corner of tin garages.
1544	West gable of grey weathered shed on rocks.
1545	4' spruce on North end of island (Signal Site).
1546	Outer end center of small white fixed pier off green house.
1547	Base of 40' flag pole on white rock point (L.M.)
1548	Southwest gable of white shingle boathouse between two piers.
1549	Outer end center of large green fixed pier.
1550	West gable of small light grey cottage with green roof.
1551	Higher of two offshore boulders north of small island. (Signal Site).
1552	Top of large flat white boulder on point (with painted spot on it).

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DESCRIPTION

1553	Small spruce (6') on point south of cluster of birches.
1554	South gable of lobster shack on pier. position could not be established by air photo compilation
1555	Top center of south portion of white ledge awash at High Water (Signal Site).
1556	West gable of red roofed white shingle boathouse south of outdoor fireplace.
1557	Outer end center of fixed pier off tall pine.
1558	White pier (outer end center) with peaked yoke and "EN" on it.
639	Tip of white point at high water mark forming south gate of small bight.
640	Top center of banded grey and brown rocky point just east of small cobblestone beach, white ledge to east (Signal Site).
641	Outer end center of fixed pier belonging to log cabin, most northerly of two.
642	Small trees 3'-4' on steep sided point opposite Farnum point (Signal Site). position could not be established by air photo compilation
643	East gable of white boathouse; dark green trim, ship weathervane.
644	Northeast corner of warehouse pier.
645	Northeast corner of pier running north from ways.
646	Church steeple east boothbay south end of church.
647	East gable of most northerly white house, Dormer on South roof.

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DESCRIPTION

648	Tallest spruce tree on east side of small island in harbor.
649	East gable of weathered grey fish house on pilings.
650	Small 3' dead spruce tree on north tip of grassy point 8' from high water line.
651	North gable of weathered T shaped farm house.
652	North gable of two story white house with red shutters.
653	Grey rock point near head of cove at foot of large oak 3' back from high water line (Signal Site).
654	High part of grey rock ledge lying off pine covered point (Signal Site).
655	East gable of white house with grey barn.
656	Top center of white rounded ledge south of stone jetty (Signal Station).
657	Southeast corner of small rustic summer house on pier.
658	Northeast corner of stone pier.
659	Outer end of overhanging tree in cove (Signal Site).
660	Northwest corner (inshore end) of old wooden pier.
835	Outer end center of small fixed pier.
836	Northwest corner of outer end of grey fixed pier.
837	Northwest corner of outer end of fixed pier by small rocky bight.

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<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
838	High part of grass covered rock ledge (Signal Site).
839	Edge of grass on grassy rock point.
840	Top of white rock ledge about 25' offshore at high water.
841	Top of white rock by oak trees at head of bight (Banner Site).
842	Top center of grass topped brown ledge in cove (Signal Site).
843	Small 5' spruce on south tip of small island (Banner Site).
844	Top of white rock point at fence on mainland (Signal Site).
845	East gable of grey shingle fish house on pier.
846	East gable of white house with two gable windows.
847	Outer end of fixed pier center.
848	Outer end center of fixed pier on point.
849	Southeast corner of white pier outer fixed end.
850	Flagpole on point 40' high (Landmark).
851	Southwest corner of center end fixed pier.
852	West gable of white boathouse in bight.
853	Outer end center of blue and white railed pier fixed.

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<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
854	West gable of white two part house in field.
855	Spruce tree (8) on south end of grassy island in cove.
856	West gable of grey shingle shack on pier at head of cove.
857	White loose boulder at east entrance to narrow part of cove (Signal Site?).
858	Edge of vegetation on bushy point. A small white rock is point (Signal Site).
859	White boulder off cove mouth 4' above high water.
860	West gable of red roofed house on pier.
861	Lone spruce (20') on white rock on north side small bight.
329a	Green cupola on grey house with green roof.
330	South gable of brown two story shingled house, encircling porch, flagpole to south.
331	North gable of grey two story hip roof house; most northerly of group, green trim.
332	Top of pointed rock at high water on point - black sharp pointed (Signal Site).
333	North end of high water white rock at south end of point (Signal Site).
334	West gable of small bathing shack in bight.
335	North gable of high section of two section house, green roof on low section to north.

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<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
336	Double spruce trees taller group of two double spruces on west side of point about 25' high - lower pair of spruce to south.
337	West gable of grey shingle sided L shaped house; green trim.
338	West gable of grey house between two green roofed cabins blue trim.
339	Center line of outer fixed end of pier.
875	Top of small white rock ledge in center of main cove.
876	Rock point edge of grass at high water mark (Signal Site).
877	Lone pine on north end of point (Signal Site).
878	At grassline on white rounded rock on east side of small bight.
879	Halfway between road and high water mark at end of bight opposite largest spruce tree.
880	Edge of grassline on grassy point just north of shingle beach (flat rocks) grey rock point not white one (Signal Site).
881	Leaning oak with top broken off (Signal Site).
1601	2' spruce at edge. Most easterly of 3 in a row in front of grey shingle house (Signal Site). position could not be established by air photo compilation
1602	Base of flagpole (18' high) on south grassy end of Negro Island.
1603	Northwest corner of white pier on northwest side of Negro Island.

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
1604	Base of telegraph pole on north tip of Negro Island (Signal Site). position could not be established by air photo compilation
340	West gable of light shingled light green roofed house; two dormer windows.
341	South gable of boat house on beach in bight.
342	South gable of L shaped house most northerly of two similar houses - 3 windows in one dormer.
343	West gable of two story white building with green roof.
405	West gable of pyramid roofed house on point, flagpole in front.
406	Huge 6' white boulder just below tree line. position could not be established by air photo compilation
407	Center of south end of rock ledge about 8' above high water mark. Now has red flag on it.
408	West gable of pyramid roofed house on north point white trim green roof.
409	Northeast corner of fixed pier on north point. Outer northeast corner of lower stage.
410	Chimney on pyramid roofed grey shingle house with ship weathervane.
411	East gable of two story shingle hip-roof house, small window in attic peak, white trim.
412	Chimney on red roofed green house.
413	6' spruce at north end of driftwood and boulders, edge of tree line (Banner Site).

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414	High part of rock ledge north end of rock awash at high tide (Signal Site).
415	Lone spruce on south end of island (Turnip) 18' high.
416	South gable of large two story white house, green roof, and dormer flagpole to south.
417	East gable of low house with dappled roof and dormers.
418	Top of grass covered knoll at head of crevice (Banner Site).
419	Center of northwest group of 7 or 8 spruce trees about 16' high on north point at edge of grass above small cliff.
420	Pole at northwest corner of outer fixed end of pier.
421	Rock cairn on white boulder at edge of grass patch, small stick on top.
422	Lone 20' spruce standing out south of spruce grove on southeast edge of island. (Thumbcap Island.)
424	Dense 8' high group of spruce on south end of Crow Is.
344	Spruce sitting out on point at grassline about 14' tall, most southerly of several scattered small trees; small gravel beaches at each side of point, small bight to east (Signal Site).
345	Small spruce (12' high) just west of tree line (Signal Site). Just west is a small stump at center of heavy gravel beach.
346	Rounded 3' white boulder sitting free on rock point between two gravel beaches just at grassline.

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SIGNAL NUMBERDESCRIPTION

347	South gable of southernmost cottage of group, white with green roof.
348	South gable of cream colored house on point with red, yellow and blue checkered roof.
349	East gable of white refreshment shack on beach.
350	Top of pyramid shaped roof of small red brown out-building of house at rocky point.
351	Little lone spruce on grassy point.
352	High part south west end of island ledge (Signal Site).
353	West gable of two story grey house with glass porch and prominent chimney on point.
354	Center line of end of pier on point (Note end about ready to fall off).
355	East gable of yellow dance and movie pavilion built over water.
356	Southwest corner fisherman's wharf. on map drawing survey No. T-5992
357	West gable of very small white cottage near sand beach. on map drawing survey No. T-5992
358	South gable of westernmost of group of tourist cottages.
359	Top center of old circular stone fort. <u>Do not</u> use flag-pole.
360	Northwest corner of lobster and clam pier at end of point. Flagpole on same corner.
361	White store selling lobsters shaped like a lighthouse.

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
362	Northeast corner of house on pier (Gilberts Lobster Pound).
363	East gable of easternmost of row of tourist cottages.
364	East gable of easternmost section of three section white house.
365	Southwest corner of old small lobster shack.
431	Top of white knob forming south gatepost to inlet about 12' east of small 3-4' spruce (Signal Site).
432	Top center of white barnacled oblong rock at high water mark (Signal Site).
433	Southwest gable (with semi-circular window) of rambling grey shingle house, cream trim.
434	Center of large rounded saddle shaped grey boulder just at high water line.
435	Center of open end log shelter.
436	Top of grey brown splotched promontory at south point. Highest point south of tree line (Signal Site).
437	East center of small cement base for gangway white railing.
438	Centerline of fixed North end of pier on north end of island.
439	Most southeasterly of all trees on North tip of Island 10-12' tall (Signal Site).
442	South gable of big grey shingled two story cottage with white trim; green porch roof.

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
766	30' Flagpole in center of field.
767	Small 2' tree (spruce?) on rounded white offshore ledge (Signal Site).
768	Jagged crested dark ledge east of large white birch on point east of small beach (is the most northeasterly rock) (Signal Site).
769	Rounded light grey rock on point, point on high part (Signal Site).
770	Outer end center of fixed pier south of railway.
771	Outer end center of fixed pier east of grey shingle house.
772	Northwest gable of grey shingle fish house on southeast side of gut.
773	Lone spruce on waters edge north side of gut.
774	West gable of small shingle house with red checkered roof.
775	East gable of small grey shingle garage with white trim.
776	Watchman's house on bridge center.
777	Large square white boulder at high water level on point south side of gut. <i>position could not be established by air photo compilation</i>
778	Outer fixed end of pier on north side of small island bridged to Rutherford Island.
780	End of grass on white northeast point of small bridged Island (Signal Site).

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<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
781a	South gable of small boathouse on pier at head cove on Davis Island.
781	South gable of small yellow shingle house on Island near bridge.
782	Most northerly small spruce on north tip of small island in bight (Signal Site).
783	Outer end center of fixed pier on south side of Davis Island.
430	Center and high part of small promontory at point.
429	White 25' flagpole with cross piece east of camps.
2083	Lone pine on west side of swimming pool.
2069	Center of Juniper patch on south tip of peninsula on which camp is located. <i>position could not be established by air photo compilation</i>
2068	Concrete ramp off green roofed shingled house where broken concrete top narrows down on south side 10' west of high water line. <i>position could not be established by air photo compilation</i>
428	High sharp grey rock just across gut from 427.
427	White jagged rock about 6' above two other rocks. Driftwood pole in front. <i>position could not be established by air photo compilation</i>
426	Red chimney on two story cement house with checkered roof; arches under porch.
2082	Top northern part of white tipped ledge at entrance of draw 2' above mean high water.
2084	Top center of outer portion of rounded white rock point forming northwest corner of Birch Island.

SIGNAL NUMBER

DESCRIPTION

2051	Center of outer end of fixed pier off shed opposite Birch Island.
2086	Northeast corner of stone pier on Rutherford Island opposite south end of Birch Island.
2091	6' lone spruce on west side of rock ledge on south end of Birch Island. Alternative to end of wooden dock.
2085	Center of outer end of fixed wooden pier on west side of south end of Birch Island.
425	Lone dead spruce at south edge of grass (Hay Island).
2087	Round boulder at high water line on west end of Hay Island and northwest of spruce trees.
2088	Corner post on southeast corner of porch on white house with green roof. Railing above porch. House has two brick chimneys.
2090	Red brick chimney on grey shingled house with white trimmed glass porch and grey green composition roof.
2089	Peak of stone pagoda on rock promontory off grey shingled house.
786	Largest stoutest and southernmost member of double spruce on east side of point.
785	Triple spruce on west side of point.
787	Outer center of wooden fixed pier west of large white house.
788	Ledge forming southern end of beach. Point is 15' back from high water mark -- rocky on point (Signal Site).

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<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
789	Most southerly tree of trees on island ledge at south entrance to bight.
790	Cupola on grey shingle house above beach.
791	Top of dark rock ledge on west end of beach awash high tide (Signal Site).
792	West gable of hip roofed grey shingle house with green trim.
793	White triangular ladder beacon top center.
794	(Banner Site) 10' west of westernmost spruce on point (Tallest of group of three).
795	North gable of grey shingle house, flagpole on gable.
796	Red barrel beacon.
797	Flagpole on north gable of green shingle yacht club.
798	South gable of hip roofed shingle house north side of cove by causeway. <i>position could not be established by air photo compilation</i>
799	Southeast corner of outer fixed end of white pier, post on corner.
800	West gable of boathouse with striped door.
801	Outer fixed end center of short pier.
802	Outer fixed end center of green pier below high catwalk.
803	Small rock pile in grass at head of bight at high water line, Rock pile lies between stream and dead brush on highway fill.

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SIGNAL NUMBER

DESCRIPTION

804	Southeast corner of high part of fixed pier outer end on west side Christmas Cove.
805	East gable of grey boathouse in small bight.
806	South gable of grey shingle boathouse on grassy point.
807	20' spruce on island northeast of shingle house.
808	South gable of grey shingle fish house with white window.
809	Black barrel beacon.
810	Outer end center fixed pier.
811	10' south of lone double spruce on point (Signal Site).
812	High part of sugary yellow white rock ledge about 12' above high water and 25' from tree line (Signal Site).
813	High part of white rock (north part) on brown ledge (Signal Site).
814	Outer end center of fixed pier with scaffold.
815	South gable of grey boathouse in bight.
816	Outer end center of log and rock pier.
817	Outer end center of fixed pier of house with white railings.
818	East gable of two story white house in field.
819	Southeast corner of fixed end of pier with prominent white rail and benches.

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SIGNAL NUMBER

DESCRIPTION

820	At low brush on Rock Point north of birches (Banner Site).
821	North gable of shingled boathouse in bight.
822	Lone Spruce on point north of small cottage.
823	Centerline outer end fixed pier with small green toolhouse.
824	West end of white garage on east side of road at head of cove.
825	Outhouse at water's edge below fruit tree.
826	North gable of grey shingle house with green trim on the neck.
827	Covered marine ways with white doors, green roof. South gable is point.
828	North gable of shingle fish house in bight. <i>position could not be established by air photo compilation</i>
829	West gable of tar papered fish house.
830	Flagpole on grassy rounded point.
831	West gable of house in bight; patched walls and roof.
832	Base of hoist on old pier (Gin pole).
833	Top of pyramid roofed grey shingle boathouse.
834	Southwest corner of outer end of fixed pier.
1596	Center of broad belt of white rock where it meets brush line east of log cabin.

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SIGNAL NUMBER

DESCRIPTION

1597	Top center of log back dark ridge in small bight north of cabin (Signal Site).
1598	Edge of grass on grey rock promontory just west of deep crevasse (Signal Site).
1599	6' northeast of brushline, on grey rock point, just south of deep crevasse (Signal Site).
1600	Top center of northernmost of two white rock ledges on shore (a loose white boulder lies about 20' west of the point) (Signal Site).

- 1576 Tower on stone church.
position could not be established by air photo compilation
-
- 1577 6' spruce on south edge of clump of spruces on edge of high grassy knoll.
-
- 1578 Tip of brush line on southeastern most point.
-
- 1579 East gable of light shingled house on pier.
-
- 1580 Westernmost of two white boulders on grey ledge point.
-
- 1581 Center of brush on island ledge northwest of bridge.
-
- 1582 East gable of white cottage with small porch on east end.
-
- 1583 Southeast corner of flat-topped lobster shack.
-
- 1588 Edge of brush patch on rounded point; southeast corner patch.
-
- 1591 30' flagpole south of large log lodge on point.
-
- 1592 North tip of grassline on north end of Reed Island.
-
- 2116 Tall open wooden lookout tower (70') on Linekin Neck, on east side of road along top of ridge.
-
- 4423 High part of ledge just E. of long ledge running S. from Crow I.
Most N. Easterly of group.
-
- 779 Top center brown rock S. of Davis Id.
-
- 784 12' back from H.W. line on Pt. (Falls about on a small peak).
(Signal Site)
-

T-5991

SIGNAL NUMBER

DESCRIPTION

1044	E. tip of highest part of granite ledge.
1045	E. tip of white granite ledge. Brown ledge forming extreme point joins on at tip of white ledge.
1046	N. W. gable of unpainted boathouse with green roof.
1047	E. gable of white $1\frac{1}{2}$ story green roofed house.
1048	E. gable of white $1\frac{1}{2}$ story house with gray shingle roof. Three windows above two windows in E. end. Green blinds.
1049	White flagpole 25' S. W. corner of Gilbert's market on pier. (Base pricked).
1050	Pole 10' on N. W. corner of pier. (Base pricked).
1076	Brick chimney on gray shingled story and a half cottage with flagpole just N. of N. end of cottage.
1077	Highest part of granite ledge with green moss on top. Ledge drops slightly to westward and then rises abruptly.
1078	N. E. tip of white part of granite ledge.
1079	N. E. corner of part of ledge that is detached at H. water.
1080	N. tip of projecting granite ledge.
1081	S. tip of ledge on N. side of deep crevasse in rock cliff.
1082	Highest part of projecting granite ledge, detached at H. W.
1104	Cask on top of black iron spindle in New Harbor. Top pricked.

NAUTICAL CHARTS BRANCH

SURVEY NO. 5991

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
6/11/45	230	G. H. E.	Before After Verification and Review
9/24/45	314	GHE	Before After Verification and Review
10/28/46	Reconst. 313	GHE	Before After Verification and Review
8/4/50	230	SA Mulsam	Before <u>After</u> Verification and Review No correction after review.
1-30-71	INSET 314	Lisa R. Everett	Before After Verification and Review FULLY APP'D TO INSET SUPPLEMENTED BY 1966 PHOTOS (Bp-82822)
5/19/78	Inset 314	William B. Wankle	Before After Verification and Review Fully app'd to Christmas Cove Inset
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review

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.