

8572

Diag'd. on Diag. Ch. No. 1202

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Planimetric Air Photographic

Field No. _____ Office No. T-8572

Date of Photographs 5-26-44, 6-4-44, 6-5-44

LOCALITY

State Maine

General locality Coast of Maine

Locality Placentia Island - Great Gott Island

Black Island - Little Duck Island, -Great Duck Island

1945

CHIEF OF PARTY

Fred. L. Peacock

LIBRARY & ARCHIVES

DATE

Nov - 5 - 1949

B-1870-1 (1)++

8572

R.S. 476
(T-8572)
Ph-103 (52)

Foreshore and offlying shoal corrections and additions were added from low-water single lens photographs taken in May, 1952, with the "J" camera, and are shown in red on the brown line acetate reproductions of the manuscript. The photographs were ratio printed to scale permitting detail to be added without further radial plotting. Wherever possible recoverable photo-hydro signals previously located were used in applying the new additions, however, it was necessary to apply corrections by holding to identifiable features previously compiled.

No building and road revision was made on this sheet, nor were any new photo-hydro stations located at this time.

*completed Jan 1954
DTR*

Since no 1952 photography was available, no shoreline revision was made on the Duck Islands.

The location of Horseshoe Ledge is approximate since it appeared on photos which could not be tied to detail on the manuscript, and no ~~field~~ field identification of the triangulation station was available.

Respectfully submitted

David F. Romero
David F. Romero
Ensign USC&GS
Mar. 1953

Approved by:

L. C. Lande

L. C. Lande, Chief,
Graphic Compilation Section
Division of Photogrammetry

DATA RECORD

T-8572

Quadrangle (II): ~~Swan Island, Maine (15' series)~~ Project No. (II): CS-272
 (Northeast Portion)

Field Office: Chief of Party: ~~Fred. L. Peacock~~
~~Air Photographic Party No. 2~~

Compilation Office: Chief of Party: Fred. L. Peacock
 Baltimore Photogrammetric Office

Instructions dated (II III): Copy filed in Descriptive
 April 1, 1942 (Additional) Report No. T- (VI)
 July 10, 1943 (Horizontal Control Requirements) Div. Photogram. Office Files
 March 18, April 11, July 17, 1944 (Supplemental)
 August 10, 1944 (Additional) - Aug. 26, 1944 (Amendment to Additional
 Completed survey received in office: Instructions)
 23 March 1945

Reported to Nautical Chart Section:

Reviewed: 5-11-45 Applied to chart No. Date:
 2-4-47

Redrafting Completed: *Not redrafted*

Registered: 25 Feb 1948

Published: *Not then cloth-backed copy 14 Nov. 1947*
Best copy only

Compilation Scale: 1:10,000

Published Scale: 1:10000

Scale Factor (III): 1.0000

Geographic Datum (III):

Datum Plane (III):

North American 1927

Reference Station (III): PLACENTIA ISLAND, 1906, ~~r. 1934, r. 1944~~

Lat.: 44° 10' 58.271" 1798.5 m. Long.: 68° 22' 41.158 914.2 m. Adjusted
~~Unadjusted~~

State Plane Coordinates (VI): *East Zone*

X =

Y =

Military Grid Zone (VI)

PHOTOGRAPHS (III)
(Unmounted - Single Lens)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
1181-1185, Incl.	5/26/44	10:00 A.M. E.S.T.	1:10,000	3.1' at M.L.W.
1710-1717, Incl.	6/4/44	12:15 P.M.	1:10,000	4.6' at M.L.W.
1762	6/5/44	11:15 A.M.	1:10,000	6.7' at M.L.W.

*Ratioed Prints

Tide from (III): Predicted Tide Tables, Atlantic Ocean 1944. Reference Station Eastport, Maine, with corrections to MACKEREL COVE, BLUE HILL BAY, Me. Mean Range: 10.2 feet Spring Range: 11.7 feet

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

Field Inspection by: Lieutenant Dale E. Sturmer date: July, Aug., Sept. 1944

Field Edit by: — date:

Date of Mean High-Water Line Location (III): As of the photographs taken on May 26, and June 4 & 5, 1944, supplemented by the field data obtained during July, August, and September 1944.

Projection and Grids ruled by (III) H.W.B. (Washington Office) date: January 8, 1945

" " " checked by: Unknown date: Unknown

Control plotted by: A. LaFave date: Jan. 1945

Control checked by: H. Kichert date: Jan. 1945

Radial Plot by: W. E. Schmidt & L. C. Lande date: Jan. 1945

Detailed by: R. M. Whitson (shoreline & interior - rough draft) date: Jan. 27, 1945 to March 12, 1945

Reviewed in compilation office by: W. E. Schmidt date: Mar. 12, 1945

Elevations on ~~Field Edit Sheet~~ ^{map manuscript} checked by: — H.R. Brooks H.W. Thorne date: 5/11/45 2/5/47

STATISTICS (III)

Land Area (Sq. Statute Miles): 4.5

Shoreline (More than 200 meters to opposite shore): 22 statute miles

Shoreline (Less than 200 meters to opposite shore): 0.2 statute miles

Number of Recoverable Topographic Stations established: 12*

Number of Temporary Hydrographic Stations located by radial plot: 55

Leveling (to control contours) - miles:

Roman numerals indicate whether the item is to be entered by, (II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname and initials (not initials only).

Remarks: * Positions of seven determined by radial plot. The positions of four were determined by ground-survey methods. The position of the remaining one was determined by the radial plot and a set of sextant angles.

DESCRIPTIVE REPORT
MAP DRAWING, SURVEY No. T-8572
COAST OF MAINE - VICINITY OF PLACENTIA ISLAND

Map Drawing, Survey No. T-8572, covers an area in the southern approaches to Blue Hill Bay, Coast of Maine. The land features shown on this Map Drawing consist entirely of Islands, islets, and off-lying reefs. The more important features are Placentia Island, Great Gott Island, Little Gott Island, Green Islands, Black Island, Little Black Island, Great Duck Island, and Little Duck Island.

Although the area of this Map Drawing lies entirely within the area where shoreline surveys only are instructed, the islands involved are so small that complete interior detail has been compiled and shown on the Map Drawing.

26 CONTROL:

The Horizontal Ground Control shown on the Map Drawing for Survey No. T-8572 consists of ten stations. They are as follows:

<u>Name of Station</u>	<u>Type of Station</u>
✓Black, 1944	Topographic .
✓Duk, 1944	Topographic .
✓Got, 1944	Topographic .
✓GREAT DUCK ISLAND, 1863, r. 1944	Triangulation .
✓GREAT DUCK ISLAND L.H. 1902, r. 1944	Intersection .
✓HORSESHOE LEDGE BEACON, 1934, r. 1944	Intersection .
✓Pla, 1944	Topographic .
✓PLACENTIA ISLAND, 1908, r. 1944	Triangulation .
✓SCRAG ISLAND, 1875, r. 1944	Triangulation .
* EAST SISTER ISLAND, 1908, r. 1944	Triangulation .

* Station falls just outside detail limits. All other stations are contained within the detail limits.

27 RADIAL PLOT:

The Map Drawing Projection and the unmounted single lens photographs (positype prints) were prepared in the usual manner.

27 RADIAL PLOT: (Continued)

The radial plot was laid in accordance with approved photogrammetric methods. The results obtained were satisfactory.

The facts concerning the radial plot laid for the area of Map Drawing, Survey No. T-8572 have been fully brought out in the attached Radial Plot Report for the areas of Surveys Nos. T-8554 to T-8556, inclusive, T-8568 to T-8573, inclusive, and T-8586.

28 DETAILING:

The photography, field data, Horizontal Control, and the graphic control (determined by the radial plot) available for the compilation were adequate. No difficulties were encountered during the compilation.

30 MEAN HIGH WATER LINE:

The full heavy-weight black acid ink line is the position of the Mean High-Water Line which was detailed in accordance with the field data.

31 LOW-WATER LINE:

The dotted black acid ink line is the approximate position of the Mean Low-Water Line which has been detailed in accordance with the field data. *The outer limit of the rocky ledges is also the low water line, except as noted otherwise.*

The alternate dash and dot black acid ink line along the east shore of Placentia Island is a definite position of the Mean Low-Water Line which has also been detailed in accordance with the field data.

31-A SHOAL LINES:

The light-weight dashed black acid ink line is the approximate position of the outer limits of shoal areas bordering the Mean High-Water Line and the approximate limits of off-lying shoal areas. This line was delineated in accordance with field office interpretation of the photographs for the advance information of the Hydrographic Party.

31-B FORESHORE AREAS:

The foreshore areas shown consist of rock ledge boulders, sand and gravel beaches, and detached rocks. The detail is in accordance with the field data.

31-B FORESHORE AREAS: (Continued)

The extents to which the rocky features bare at Mean High-Water or uncover at Mean Low-Water have been shown by notes which are in accordance with the field data and the Hydrographic Manual.

32 DETAILS OFFSHORE FROM THE MEAN HIGH-WATER LINE:

The offshore features shown consist of rocks, reefs, rocky islets, and a few*shoal areas. The detail is in accordance with the field data.

The extents to which the rocks bare at Mean High-Water or uncover at Mean Low-Water, the extents to which the reefs uncover at Mean Low-Water, and the extents to which the rocky islets bare at Mean High-Water have been shown by notes which are in accordance with the field data and the Hydrographic Manual.

*Detailed in accordance with Field Office interpretation of photographs.

33 WHARVES AND SHORELINE STRUCTURES:

Two small boat launching ways have been shown. One is located on the east shore of Great Duck Island while the other is located on the west shore of that island. The ways have been detailed in accordance with the field data.

There were no wharves or other shoreline structures reported by the Field Unit or visible on any of the photographs.

34 LANDMARKS, FIXED AIDS TO NAVIGATION, AND AERONAUTICAL AIDS:

There are two charted fixed aids to navigation, and one charted landmark shown. The position of one of the charted fixed aids to navigation, "Grindstone Ledge Beacon", was redetermined by the intersection of sextant cuts recorded on field photographs Nos. 1716 and 1717 by the Field Unit. Form No. 567 has been submitted.

Chart letter 215 (1945)

35 HYDROGRAPHIC CONTROL:

Twelve Recoverable Topographic Stations:

- (4 located by ground-survey methods)
- ✓ (7 located by the radial plot)
- ✓ (1 located by radial plot and a set of sextant angles) No. 2245

Fifty-Five Temporary Hydrographic Stations:

(All located by the radial plot)

A descriptive list of all the hydrographic control stations has been compiled and attached to this report. Two additional copies have been furnished for use of the Hydrographic Parties.

35 HYDROGRAPHIC CONTROL: (Continued)

Form No. 524 has been submitted for the twelve Recoverable Topographic Stations.

37 CABLE CROSSING AREAS:

The cable crossing area has been taken from Nautical Chart No. 308. *Not needed. This has been removed by the reviewer in the Washington office.*

38 JUNCTIONS:

A satisfactory junction has been made of the detail of ledge, reef and shoal lines immediately north of Greatcott Island with the Map Drawing for Survey No. T-8573. There are no other junctions of detail with any other adjacent Map Drawing.

39 GEOGRAPHIC NAMES: 814

As instructed, no geographic names investigation for the area of Map Drawing, Survey No. T-8572 was made by the Field Unit.

The geographic names shown have been taken from Nautical Chart No. 308. The names have been compiled in an alphabetical list attached to this report.

40 POSITION ACCURACY OF PLANIMETRIC DETAILS:

The Mean High-Water Line, Recoverable Topographic Stations, temporary hydrographic stations, and all other well defined planimetric details of importance are believed to be within 0.5 mm. of their true positions.

41 RECOMMENDATIONS FOR FUTURE SURVEYS:

The compiled area of the Map Drawing is believed to be complete with respect to all details necessary for charting and the preparation of a planimetric map, except those incomplete details noted under Side Heading No. 45 and a few noted for further investigation during hydrography.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

United States Geological Survey, Maine, Swan Island Quadrangle (15' series), Scale 1:62,500, edition of April 1904, reprinted 1943, with corrections.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES: (Continued)

A marsh area which appears on the quadrangle in the southwest portion of Placentia Island has not been shown on the Map Drawing. The Field unit did not furnish any data pertaining to that feature and it was not visible on the photographs.

Only the most westerly building of the twelve buildings appearing on the quadrangle in the northeastern portion of Black Island has been shown on the Map Drawing. The remaining eleven were not visible on any of the photographs. Probably destroyed.

The quarry appearing on the quadrangle in the northeastern portion of Black Island has not been shown on the Map Drawing. Stereoscopy did not reveal the quarry. No field data were furnished for that feature.

The number and positions of the buildings appearing on the quadrangle in the southwestern portion of Great Gott Island are in disagreement with the number and positions of the buildings shown on the Map Drawing.

The building appearing on the quadrangle on the southeastern tip of Great Gott Island does not exist. Only the stone foundation remains. The position of the northeast corner of the stone foundation has been radially plotted and selected as a temporary hydrographic station.

A small swamp area has been shown on Great Duck Island. It does not appear on the quadrangle.

Several buildings have been shown on Great Duck Island. None appear on the quadrangle.

The Mean High-Water Line shown on the Map Drawing is more irregular than the Mean High-Water Line appearing on the quadrangle.

Several trails have been shown on Great Gott Island, Black Island, and Great Duck Island. None appear on the quadrangle. Such detail is in accordance with office interpretation of the photographs.

Two intermittent streams have been shown. One on Great Gott Island, and the other on Great Duck Island. None appear on the quadrangle.

The main road on Great Gott Island appears on the quadrangle as a double full line road. Shown on the Map Drawing as a double dashed line road. The extent of the road is in disagreement.

45 COMPARISON WITH NAUTICAL CHARTS:

Chart No. 308, scale 1:40,000, published at Washington, D. C., December 1942, corrected to April 12, 1944.

45 COMPARISON WITH NAUTICAL CHARTS: (Continued)

No buildings appear on the chart. Numerous buildings have been shown on the Map Drawing.

No roads or trails appear on the chart. Several roads and trails have been shown on the Map Drawing.

The bluff along the northeast side of Great Gott Island appears on the chart as dirt bluff. The Field Unit classified a portion of that bluff as rocky. The bluff along the northeastern shore of the island has been symbolized in accordance with the classification as furnished by the Field Unit. The dirt bluff appearing on the chart along the shore of a small cove on the southeast side of that island is in agreement with the bluff shown on the Map Drawing. No other bluffs appear on the chart. Numerous rocky bluffs have been shown on the Map Drawing.

Two small boat launching ways have been shown on the Map Drawing. One is situated on the west shore of Great Duck Island while the other is situated on the east shore of the same island. Neither of the ways has been charted.

More foreshore detail has been shown on the Map Drawing than has been charted.

The charted position of "Grindstone Ledge Beacon" is in disagreement with the position of the beacon as shown on the Map Drawing. The position of the beacon has been redetermined by the intersection of sextant cuts furnished by the Field Unit.

The Mean High-Water Line shown on the Map Drawing is more irregular than the charted Mean High-Water Line.

The charted sunken rock and the charted rock awash just offshore from the northeastern shore of Placentia Island have not been shown on the Map Drawing. No field data were furnished. The rocks were not visible on any of the photographs.

The two charted rocks awash just offshore from the southern end of Little Gott Island have not been shown on the Map Drawing. They were neither identified by the Field Unit nor visible on the photographs.

The four charted rocks awash lying between Little Gott Island and Great Gott Island were not identified by the Field Unit. Only rock ledge has been shown on the Map Drawing.

The charted rock awash just offshore from the most southern tip of Placentia Island was not identified by the Field Unit. Only rock ledge has been shown on the Map Drawing.

The positions of the two charted rocks awash on Outer Dawes Ledge disagree with the positions of the two rocks awash shown on the Map Drawing.

45 COMPARISON WITH NAUTICAL CHARTS: (Continued)

Also, rock ledge has been shown which does not appear on the chart.

The charted rock awash on The Drums was not identified by the Field Unit. Neither the rock nor any part of the Drums was visible on any of the photographs.

None of the charted submerged areas were identified by the Field Unit. These features (except a few shoal areas) were not visible on any of the photographs.

Three bare rocks (high spots of rock ledge) in the foreshore area along the northern shore of Great Duck Island have been shown on the Map Drawing. They have not been charted.

A rock awash (high spot of ledge) shown in the foreshore area off the northwestern tip of Great Duck Island has not been charted.

The two high spots of rock ledge shown in the foreshore area along the southern shore of Great Duck Island have not been charted.

Bare rocks (detached), rocks awash (just offshore), and a rock ledge area (just offshore) shown along the western shore of Little Duck Island have not been charted.

A rock ledge area and a rock awash both of which are offshore from the Mean High-Water Line of the eastern tip of Great Gott Island have not been charted.

A detached bare rock area shown in a small cove on the east side of Great Gott Island has not been charted.

The detached bare rock areas shown along the southeastern shore of Little Gott Island have not been charted, except a portion of the most easterly one.

Two detached bare rocks along the southwestern shore of Great Gott Island shown on the Map Drawing have not been charted.

The rock ledge bordering the Mean High-Water Line along the east shore of a small cove on the western side of Great Gott Island has not been charted.

The rock awash, and a small detached rock shown on Inner Dawes Ledge have not been charted.

The rock ledge shown on Grindstone Ledge has not been charted.

Detached bare rocks, and detached rocks awash shown along the eastern shore of Black Island have not been charted.

45 COMPARISON WITH NAUTICAL CHARTS: (Continued)

Three rocks awash shown along the western shore of Black Island have not been charted.

Detached rocks, and rocks awash shown along the north shore of Black Island have not been charted.

A detached bare rock shown along the western shore of Placentia Island and a high spot of rock ledge shown in the foreshore area at the northern tip of Placentia Island have not been charted.

A swamp area has been shown on Great Duck Island. It does not appear on the chart.

Detached bare rocks, and rocks awash shown in the immediate vicinity of Green Islands have not been charted.

Respectfully Submitted:
March 13, 1945

Walter E. Schmidt
Walter E. Schmidt,
Photogrammetric Engineer

Supervised and Reviewed By:

Walter E. Schmidt
Walter E. Schmidt,
Photogrammetric Engineer

Approved and Forwarded:
March 23, 1945

Fred. L. Peacock
Fred. L. Peacock
Chief of Party, C. & G. Survey
Officer-in-Charge,
Baltimore Photogrammetric Office

1944
IDENTIFICATION REPORT
HORIZONTAL CONTROL
Area of
MAP DRAWING, SURVEY No. T-6572

<u>Name</u>	<u>Type Station</u>	<u>U.S.G.S. Quadrangle</u>	<u>RECOVERY Data</u>	<u>PRICKING Data</u>
(a) Black, 1944	Topographic	Swan Island	New Station	Positive
(c)(a) Duk, 1944	Topographic	Swan Island	New Station	Positive
(a) Got, 1944	Topographic	Swan Island	New Station	Positive
(b) Gott's Island, Welsh's Ho. Chy, 1863	Intersection	Swan Island	Lost	Doubtful*
* Old point believed to be recovered within 3 meters.				
GREAT DUCK ISLAND, 1863	Triangulation	Swan Island	Recovered	Positive
Great Duck Island L.H. 1902	Intersection	Swan Island	Recovered	Positive
Horseshoe Ledge Beacon, 1934	Intersection	Swan Island	Recovered	Not Pricked*
* Impossible to prick or to run an F.I.P. on it as ledge is covered by water appearing on the photograph.				
(a) Pla, 1944	Topographic	Swan Island	New Station	Positive
(a) PLACENTIA ISLAND, 1908	Triangulation	Swan Island	Recovered	Positive
(a) SCRAG ISLAND, 1875	Triangulation	Swan Island	Recovered	Positive

Notes by the Compilation Office

- (a) Station identified by well defined picture point connected to station by short traverse. The position of the substitute point has been shown on the Map Drawing with a ~~very small black~~ ^{very small black} ink circle accompanied by the letters "F.I.P."
- (b) Station should be considered lost. See radial plot report for Priority Area I - Coast of Maine - Sub-Project No. CS-272-E attached to this report.
- (c) Marked with a standard triangulation disc.

COAST OF MAINE
PROJECT No. CS-272
Survey No. T-8572

NOTES
FOR
REVIEWER

The $2\frac{1}{2}$ mm. black acid ink circles shown are the positions of the selected hydrographic control stations.

The small single blue ink circles are the positions of well defined picture points determined by the intersection of three or more radials.

The small single green ink circles are the positions of well defined picture points determined by the intersection of two radials.

The large blue ink circles are the very strong positions of the photograph centers determined by the radial plot.

The large green ink circles are the fairly strong positions of the photograph centers determined by the radial plot.

~~The very small black acid ink circles are the positions of well defined picture points determined by suitable ground-survey methods. Used to control the radial plot. See Note (a) page 13~~

The $2\frac{1}{2}$ mm. black acid ink circles, accompanied by the note "1944", are the positions of Recoverable Topographic Stations determined by ground-survey methods. Geographic positions have been submitted.

The position of the shoal lines shown is approximate. Detailed from office interpretation of the photographs.

Most of the interior planimetry has been detailed in accordance with office interpretation of the photographs. A few of the topographic symbols shown are accompanied by the note "Probably". Recommend final decision as to the character of such features be made during review.

All important planimetric details shown are considered to be within 0.5 mm. of their true position.

Investigations of the charted features, not shown on the map drawing, during hydrography, have been recommended.

Respectfully Submitted:

Walter E. Schmidt
Walter E. Schmidt,
Photogrammetric Engineer

GEOGRAPHIC NAMES

Undisputed

- Black Island
- Drum Island
- Gott Island (Village)
- Great Duck Island
- Great Gott Island
- Green Islands
- Grindstone Ledge
- Inner Dawes Ledge
- Little Black Island
- Little Duck Island
- Little Gott Island
- Mur Point
- Outer Dawes Ledge
- Placentia Island
- * The Drums

* Feature has not been shown on the Map Drawing because the image was not visible on any of the photographs and no field data were submitted.

Names preceded by •
are approved L. Hock
9/15/47

GEOGRAPHIC NAMES

GEOGRAPHIC NAMES

Disputed

<u>Chart No. 308</u>	<u>Chart No. 1202</u>	<u>U.S.G.S. Quadrangle</u>
✓ • Blue Hill Bay (U.S.P. & O. <i>decisive</i>)	Blue Hill Bay	Blue Hill Bay
✓ * Horseshoe Ledge	Horse Shoe Ledge	

* Horseshoe Ledge has not been shown on the Map Drawing because the image of that feature was not visible on any of the photographs and no field data were submitted.

- 1021 . 10' evergreen at edge of bluff 30 m. west of west end of heavy growth of alder brush on side of bluff. 12 m. inshore from Mean High-Water Line. 7
- 1022 . Rock filled wooden barrel at tree line at entrance to small clearing enclosing outdoor fire place. 12 m. inshore from Mean High-Water Line.
- 1023 . "North Gable 1½ Story House" - Station is the north gable of 1½ story, unpainted shingle house located on the northern tip of the eastern neck of Great Gott Island, 350 meters northwest of the most easterly tip of island and 38 meters inshore from Mean High-Water Line. Recoverable Topographic Station.
- 1024 . Northeast corner of stone house foundation on most easterly tip of island about 10 m. west of tree line, about 45 m. inshore and west from Mean High-Water Line.
- 1025 . Inshore easterly point of deep gash in rock. At end 20' above Mean High-Water Line.
- 1026 . 20' double spruce tree growing about half way up dirt and rock bluff - about 15 m. back from Mean High-Water Line.
- 1027 . Low evergreen tree at edge of ledge rock foreshore approximately 50 m. south-southwest of house to directly west of deep gash in ledge rock leading inshore.
- 1028 . 10' scrubby evergreen. Rock piled on other rocks at base of tree in shape of birds head.
- 1029 . Center of large black and gray boulder approximately 5 m. offshore from edge of trees in midst of pink granite ledge.
- 1030 . 6' x 4' x 3' solid wooden structure secured with iron braces. At Mean High-Water Line.
- 1031 . Small cluster of 12' evergreens nearest point.
- 1032 . Most westerly tip of grass on small point of ledge rock.
- 1033 . "Chimney, North End, Small White House" - Station is the chimney at the north end of a small 1 story, white house, located on sand and gravel spit on the south side of a salt water pond on the southwest side of Great Gott Island. The house is 68 meters west of eastern end of spit, in about center of it in north and south direction and 59 m. east of main spit running north and south. House is the only house on that part of spit. Recoverable Topographic Station.

- 1034 . Low chimney on low flat topped summer home with many windows.
- 1035 . Last tree on sharp point running north east.
- 1036 . Approximate 6' in diameter, symmetrical depression in ledge rock containing grass and water. Center of.
- 1037 . "Got, 1944" - Station is a standard disc stamped "Got 1944", located on the southwest tip of Little Gott Island, just south of a deep and conspicuous gash in ledge, 6 meters S.S.W of 12' evergreen tree and 4 meters east of Mean High-Water Line.
Note: There is another station "Got, 1944" on Great Gott Island. Recoverable Topographic Station.
- 1038 . Top of large round isolated boulder on large gravel beach, just south of beginning of ledge rock. 3 m. offshore from Mean High-Water Line.
- 1039 . North gable of log cottage on point. (Destroyed?)
Center of foundation used
- 1040 . Center of dark gray diamond shaped place in light-colored ledge rock near cove. *Black (Island) 1944*
- 1041 . Intersection of gravel bottom drain with grass line at edge of beach.
- 1042 . Southern tip (where depression drains) at oval depression in rock filled with water.
- 1043 . "Bob, 1944" - Station is a standard disc stamped "Bob, 1944" located on the south side of Little Black Island, which is off the southern tip of Black Island at the S.E. entrance to Blue Hill Bay, 70 meters west of S.E. tip of Island, 5 meters east of gut in ledge and 16 meters north of Mean High-Water Line. Mark is set in ledge rock. Recoverable Topographic Station.
- 1044 . Group of four boulders at southeast corner of small stagnant pond.
- 1045 . "Northeast Gable Shingle Cottage" - Station is the northeast gable of $1\frac{1}{2}$ story shingle cottage with shingle roof. Located on about the center of the northern side of Black Island, about 50 meters back from the center of the bight in the center of the north side. Recoverable Topographic Station.
- 1046 . Northwest tip of grass on old rock and dirt filled pier.
- 1047 . 10' evergreen tree, small pieces of ledge piled in front of tree to aid recovery.
- 1048 . Center of small oval depression in ledge filled with water. Small pieces of ledge piled around depression to aid recovery. 5 m. to Mean High-Water Line.

- 1049 . Center of small stagnant pool at inshore end of gash in broken ledge. Small pieces of ledge piled around broken bottle in pool to aid recovery.
- 1050 . "Large, Oval, Granite Boulder" - Station is a large, oval, white-topped granite boulder, located on the southeastern side of Placentia Island, 235 meters northeast of the southeastern tip of island, in a grass field about 19 meters southwest of large evergreen tree at edge of bluff and about 25 meters northwest of Mean High-Water Line. The boulder is the most conspicuous in immediate vicinity, projects about 5 feet above the surface of ground and has a chiseled cross about 1" deep in the top (cross is station). Boulder is also about 30 meters north of small rounding point on island. Recoverable Topographic Station.
- 1051 . 8 Foot evergreen on point, 10 m. back from Mean High-Water Line. Pieces of ledge piled on ledge in front of tree to aid in recovery.
- 1052 . Pointed white topped granite boulder projecting 3' above ground. 3 other large boulders 1 m. inshore. Small pieces of ledge piled on boulder to aid in recovery.
- 1053 . Center of large strip of black ledge in cove. Small round boulders piled in center to aid recovery.
- 1054 . 12' evergreen 4 m. north west of south west end of low rock fence. Rocks piled at base of tree as recovery aid.
- 1055 . Center of water filled depression in ledge. Wooden V trough about 16 feet long weighed down with rocks and with Δ shaped rock in center (to aid recovery) placed in depression.
- 1056 . North tip of point of grass. Marked by pieces of ledge rock piled about 16" high to aid recovery. 8 meters from Mean High-Water Line.
- 1057 . "Easterly Gable, $1\frac{1}{2}$ story House" - Station is the easterly gable of a lone, $1\frac{1}{2}$ story unpainted house, located on the northeast side of PLACENTIA ISLAND, 350 meters west of most easterly point of island, 220 meters from southeast side of island. House is conspicuous from an easterly direction and sets up on a hill. House is abandoned. Recoverable Topographic Station.
- 1058 . Bare ledge rock flush with ground in field. 5 meters inshore from 7' evergreen, small rocks piled on it to aid recovery.
- 1059 . Low bushy evergreen on point at grass line 6 meters inshore from Mean High-Water Line.
- 1060 . Easterly of two evergreens on small grassy point northeast end of gravel beach. Small clump of alders just below tree on slope of bluff.
- 1061 . 12 foot twin evergreen tree south westerly of two at edge of grass and ledge.

- 1062 . 6 foot evergreen on grass line. Large 4 foot high boulder about 3 meters inshore.
- 1372 . White top outcrop of ledge.
- 1373 . White top outcrop of ledge.
- 1374 . Evergreen.
- 1375 . Evergreen.
- 1376 . 20 ft. Evergreen.
- 1377 . 15 ft. Evergreen.
- 1378 . 20 ft. Evergreen.
- 1379 . 5 ft. Evergreen.
- 1380 . 7 ft. Evergreen.
- 1381 . 15 ft. Evergreen
- 1382 . East gable of boat house - 2 story.
- 1383 . 25 ft. Evergreen.
- 1384 . Small chimney at north gable of Watch Tower, Government building.
- 1385 . 25 ft. Evergreen.
- 1386 . 30 ft. Lone Evergreen.
- 1387 . 20 ft. Evergreen.
- 1388 . White topped boulder.
- 1389 . Small evergreen.
- 1390 . 12 ft. Evergreen.
- 2265 . "Grindstone Ledge Beacon" - Station is the red spindle beacon on Grindstone Ledge which is about 200 meters southeast of Black Island. Fixed Aid to Navigation. Located by radial plot and a set of sextant angles.
Recoverable Topographic Station.
- 2266 . Center of large granite boulder about 36 meters from Mean High-Water Line.

1040
Black (Island) 1944 - Station is a standard topographic disc stamped "Black 1944" set in a drill hole in ledge rock on the south west side of Black Island (s. of Gott Island) at extreme s. tip of

sharp peninsula of land which points south. Point is about 750 meters N.N.W. of Little Black Island. Station is about 2 meters south of 6 ft. evergreen tree which is southernmost tree on point and 16 meters from Mean High-Water Line on point. Located by ground-survey methods. Recoverable Topographic Station.

"Duk 1944" - Station is on the west side of Little Duck Island, about 60 meters from Mean High-Water Line to west, about 100 m. southwest of point of trees at northwest edge of island. A lone boulder, projecting about $2\frac{1}{2}$ ft. above grass, is about 34 meters northwest at station, and a tree stump is 5 meters south of station. Mark is a standard Triangulation disc stamped "DUK, 1944" set in drill hole in white top ledge. Located by ground-survey methods. Recoverable Topographic Station.

"Got 1944" - Station is located on the extreme E.S.E. tip of Great Gott Island, is 19.18 meters S.E. of south corner of stone foundation, 3.15 meters S.W. of extended line of N.E. side of foundation, and 34 meters back of Mean High-Water Line. Mark is a standard topographic disc stamped "GOT 1944". Located by ground-survey methods.

Note: There is another station "Got 1944" on the southwestern tip of Little Gott Island.
Recoverable Topographic Station.

"Pla 1944" - Station is located on the northwest side of Placentia Island, about 260 meters S.W. of a pronounced small bight in shoreline with gravel beach, about 800 meters S.W. of most northerly tip of Placentia Island, and on point of tree line about 2 meters out from line of vegetation. Mark is a standard disc stamped "PLA 1944". Set in ledge rock. Located by ground-survey methods. Recoverable Topographic Station.

*The fms 524 for the last four stations were not found in the files
at the date of registration (LTS Feb 1948)*

Division of Photogrammetry
Supplement to Review Report of
Shoreline Survey Manuscript T-8572

In order to bring all survey sheets in Project CS 272E into full agreement, an additional review was made of T-8572.

Only minor corrections were made:

Offshore rock heights were changed to conform to Photogrammetry Instructions No. 3, dated Dec. 23, 1946.

A dashed line outside the ledge and low water lines to indicate "reef" and "shoal" had been put on the map manuscript from office interpretation of photographs. Comparison with existing nautical charts disclosed that this line showed no consistency with respect to soundings, therefore the line was removed from the map manuscript.

The changes described above do not affect the charts to which this manuscript has been applied.

Supplemental review by

H. W. Thune per TS.

H. W. Thune,
Photogrammetrist, 4 Feb. 1947

Review of T-8572

Detailing

The detailing was complete and adequate and consistent with the field inspection. It is to be noted that the outer limit of the ledge symbol is the low water line unless otherwise noted.

Comparison with previous Topographic Surveys

T-1245; 1:10,000; (1871)

T-1397a; 1:10,000; (1875)

T-8572 was compared with the above surveys and only insignificant differences were noted. These surveys are superseded by T-8572 except for contours.

"Swan Island, 1:62,500 (1901) U.S.G.S."

T-8572 supersedes this old quadrangle throughout the common area except for contours. There are no recent graphic control surveys within the area covered by this sheet.

There are no recent Hydrographic Surveys within the area covered by T-8572.

Comparison with Nautical Charts

308 and 1202

The above charts show a rock known as "The Drum" ($44^{\circ} 08.7' - 68^{\circ} 18.8'$) which could not be identified on the photographs and it is therefore not shown on T-8572. Except for this item there are no significant differences.

306

This chart covers only a small portion of T-8572 and no significant differences exist.

Reviewed May 11, 1945 by Harlan E. Rees under the direction of Ralph M. Berry.

Examined by B. G. Jones. *B. G. Jones*

Examined and approved:

Chief, Surveys Section

B. G. Jones
Chief, Div. of Photogrammetry
Chief, Topography Section

H. E. Rees
Chief, Division of Charts
Nautical Chart Branch
E. K. Green
Chief, Division of Coastal
Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. T 8572

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
9/12/45	308	Benson	Before After Verification and Review Partially
	306	Benson	Before ^{AFTER} Verification and Review Partially
2/14/46	1202	Riegarri	Applied thru Chs. 306, 308. Exam. for critical information only. Before After Verification and Review
10/25/46	308	J.F. Walker	Before After Verification and Review Partially applied Re-examined - additional rocks & reefs added
11/21/50	307	Riegarri	Before After Verification and Review Partially applied.
4/8/57	308	J.F. Walker	Before After Verification and Review Completely (Superseded by T 11346)
6/7/62	307 Recm.	M. Rogers	Completely Before After Verification and Review Superseded in part by T-11346 -
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
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			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.

COAST OF MAINE
PROJECT No. CS-272

DESCRIPTIONS OF THE RECOVERABLE TOPOGRAPHIC STATIONS
AND TEMPORARY HYDROGRAPHIC STATIONS FOR THE
AREA OF MAP DRAWING, SURVEY No. T-8572

Number of Recoverable Topographic Stations.....	12
Number of Temporary Hydrographic Stations.....	<u>55</u>
Total Number of Stations	67

Listed By: Ruth M. Whitson
Ruth M. Whitson,
Engineering Draftsman

Checked By: Walter E. Schmidt
Walter E. Schmidt,
Photogrammetric Engineer

COAST OF MAINE
PROJECT No. CS-272
AREA OF SURVEY No. T-8572

NOTES
for
HYDROGRAPHIC PARTIES
VICINITY OF GREAT GOTT ISLAND AND GREAT DUCK ISLAND

The 2½ mm. black ink circles shown are the positions of the selected hydrographic control stations.

The approximate limits of shoal areas have been shown with a dashed light-weight black ink line. They have been detailed in accordance with the office interpretation of the photographs for your advance information.

All of the planimetric details of importance shown are considered to be within 0.5 mm. of their true positions.

Investigation of the following features is recommended during hydrography:

Charted sunken rock and charted rock awash just offshore from the northeastern shore of Placentia Island. No field identification. Not visible on any of the photographs.

Charted rock awash just offshore from the southern tip of Placentia Island. No field identification. Not visible on any of the photographs.

Two charted rocks just south of the southern shoreline of Little Gott Island. No field identification. Not visible on any of the photographs.

O.K.
753

Ø 114°02' - 39"
λ 68°15' - 42"
black can #1
250 yds SE

Charted rock awash on The Drums. No part of The Drums has been shown on the Map Drawing. No field identification. Not visible on any of the photographs.

No part of Horseshoe Ledge (only intersection station) has been shown on the Map Drawing. No field identification. Not visible on any of the photographs.

OK
June 1953
FR

Charted rocks awash between Little Gott Island and Great Gott Island. No field identification. Only rock ledge has been shown on the Map Drawing.

Charted positions of the rocks awash on Outer Dawes Ledge in disagreement with those shown on the Map Drawing.

Respectfully Submitted,

Walter E. Schmidt
Walter E. Schmidt,
Photogrammetric Engineer

NOTES
FOR
HYDROGRAPHIC PARTIES

MAP DRAWING, SURVEY No. T-8573
COAST OF MAINE
Project No. CS-272

The $2\frac{1}{2}$ mm. ink circles are the positions of the selected hydrographic control stations. Two copies of the Descriptive List have been furnished for your use.

The outlines of shoal and reef areas shown are approximate and are for your advance information only.

The dotted ink line is the approximate position of the Mean Low-Water Line, portions of which have not been shown, because the Field Unit found it impracticable to furnish the information to the compiler.

The very small ink circles accompanied by the letters "F.I.P." are the positions of well defined picture points located by ground-survey methods as substitutes for triangulation or marked topographic stations used to control the radial plot. A brief description of the F.I.P.'s may be found on the pricking cards, Form M. 982-1, submitted to the Washington Office.

The following charted features were not definitely revealed by photography and have, in general, been shown on the Map Drawing with the rock ledge symbol or reef outline. It is assumed that complete charting detail concerning them will become available during the contemplated hydrography.

Chart No. 308

Rock awash on Flynns Ledge and the area of Flynns Ledge. The geographic name "Flynns Ledge" has been shown on the Map Drawing to indicate the area.

Rock awash just northeast of Bennet Cove.

Rock awash just offshore from the village of McKinley.

Three rocks awash just south of Sawyers Island.

Rock awash just northeast of Johns Island.

Rock awash in upper reaches of Duck Cove. - H-7151

Three rocks awash just north of Great Gott Island.

Area known as Bass harbor Bar. The geographic name, however,

has been shown on the Map Drawing to indicate the area.

Three cable crossing areas.

Respectfully Submitted,
April 30, 1945

Walter E. Schmidt
Walter E. Schmidt,
Photogrammetric Engineer

Approved
May 4, 1945

Fred. L. Peacock
Fred. L. Peacock
Chief of Party, C. & G. Survey
Officer-in-Charge
Baltimore Photogrammetric Office

