8008

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

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Planimetric Air Photographic

Field No. CS-272 Office No. T-8008

LOCALITY

State Maine

General locality Muscle Ridge Channel

Locality Ash Point and Vicinity

1941-143

CHIEF OF PARTY

F.L.Peacock

LIBRARY & ARCHIVES

DATE April 27, 1949

B-1870-1 (1)



DATA RECORD Map Drawing Survey No. T-8008

Quadrangle (II): Rockland, Maine (15') U.S.G.Sproject No. (II): C.S. 272

Southeast Portion

Part of Sub-Project

Field Office:

Air Photographic Party No. 2

Chief of Party: Fred. L. Peacock

Compilation Office:

Baltimore Photogrammetric Office

Chief of Party: Fred. L. Peacock

Instructions dated (II III):

April 1, 1942 April 20, 1943

Copy filed in Descri Photogrammetry Office Files.

Completed survey received in office: 2/ July 1944

Reported to Nautical Chart Section:

Reviewed: 5 Nov. 1945 Applied to chart No. 313 Date: 8/3/45 9 after Rev.

Redrafting Completed: May, 1948

Registered: 22 Sept. 1948 Published: 9 July 1948

Compilation Scale: 1:9,700 Published Scale: /:10000

Scale Factor (III): 1.0309

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

Reference Station, (III): HIGH ISLAND, 1858, 1934, r.1943

Lat : 44° 00' 48.544" 1498.3m Long : 69° 03' 36.919" (822.4m) Adjusted —

State Plane Coordinates (VI): Maine, East Zone

x = 352,616.46 feet

Y = 66, 164.89 feet

Military arid Zone (VI) Coordinates for Rock land Harlor Gred wharilele

PHOTOGRAPHS (III) (Metal Mounted) Scale Number Time Stage of Tide Date 10/22/41 11:20 A.M. 1:10,000 11.7' above M.L.W. 7320-7324 Inc. 1:10,000 11.7' above M.L.W. 7332-7333 Inc. 10/22/41 11:20 A.M. 7339-7341 Inc. 10/22/41 11:20 A.M. 1:10,000 11.7' above M.L.W. 10:17 A.M. 10/21/41 1:10,000 11.4' above M.L.W. 7229

Tide from (III): Tide tables, Atlantic Ocean, 1941, reference station, Portland, Maine, with corrections to Dyer Point, Weskeag River.

Mean Range: 9.6' Spring Range: 10.9'

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

Field Inspection by:Lieut. Comdr. Henry O. Fortin Season's Field Inspection Report previously submitted

date: Season of 1943

Field Edit by: None

date:

Date of Mean High-Water Line Location (III): August & September 1943

Rockland Harbor Grid ruled by B.R.C. & checked (Washington Office) 11/5/43 Projection and Grids ruled by (III) J.T.B. - P.J.H. date: 10/29/43 (Washington Office)

" " checked by: B.R.C.(Washington date: 11/1/43 Overlap checked by: R.M.B. (Washington Office) Office) date: 11/2/43 Control plotted by: Donald M. Brant date: 12/6/43

Control checked by: A. L. Goncharsky

date: 12/9-10/43

Radial Plot by: D. M. Brant

date: 1/20/44

Detailed by: Margaret A. Velich (Shoreline - interior da rough draft)

ate: 2/10/44-5/19/44-

Reviewed in compilation office by: James E. Sunderlanddate: July 1944

Elevations on Field Edit Sheet checked by:

date

STATISTICS (III)

Land Area (Sq. Statute Miles): 82

Shoreline (More than 200 meters to opposite shore):23.3 Statute miles

Shoreline (Less than 200 meters to opposite shore):1.8 Statute miles

Number of Recoverable Topographic Stations established: 11

Number of Temporary Hydrographic Stations located by radial plot: 196+4
Number of positions of Bench Marks determined by the radial plot: * 2
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: *Both of these are tidal bench marks, one being a Recoverable Topographic Station

26 CONTROL:

The horizontal control appearing on the Map Drawing for Survey No. T-8008 consists of 17 U. S. Coast & Geodetic Survey Triangulation Stations, four of which have been identified by Field Inspection Points. All of the triangulation stations have been shown on the Map Drawing with the conventional triangulation symbol, while the F.I.P.'s have been shown with small black acid ink squares.

The following seven U. S. Coast & Geodetic Survey Triangulation Stations lie within the detail limits of the Map Drawing.

CRESCENT ISLAND, 1858, r.1943 (F.I.P. "Cres")

BEALE'S HOUSE, CHIMNEY, 1859, partial recovery Considered lost removed in 1943

OTTER ISLAND, BLACK SPINDLE ON LEDGE, 1859, r.1934

r.1943

OTTER ISLAND, BEACON, 1934, r.1943
GARDEN ISLAND, RED SPINDLE ON LEDGE, 1859, r.1934, r.1943

ASH ISLAND, SPINDLE, 1934, r.1943

WHICH ISLAND, 1858, 1934, r.1943 (F.I.P. "High")

The following ten U. S. Coast & Geodetic Survey Triangulation Stations are just outside the detail limits of the Map Drawing.

B, 1911, no recovery in 1943
TEN 2, 1911, no recovery in 1943
INNER SOUTH BEACON, 1905, r.1943 (F.I.P. "Sou")
RED SCHOOLHOUSE, CHIMNEY, 1859, r.1943
CRESCENT BEACH, STEEL BEACON, 1911, r.1943
LARGE HOUSE, NORTH CHIMNEY, 1859, partial recovery
in 1943

RACKLEY'S ISLAND, 1858, r.1943 ONE, 1905, no recovery in 1943 SHEEP ISLAND, STEEL BEACON, 1911, 1934, r.1943 FALSE WHITEHEAD, 1859, 1934, r.1943 (F.I.P. "False")

A copy of the "Identification Report" pertaining to the horizontal control for the area of Survey No. T-8008, as furnished by the Field Inspection Sub-Party, is submitted herein.

27 RADIAL PLOT:

An individual plot was laid for the area of Survey No. T-8008. No celluloid templets were used, the photographs being oriented directly under the Map Drawing Projection. Satisfactory results were obtained. The facts pertaining to the radial plot have been fully brought out in the report on the individual radial plots for the areas of Surveys Nos. T-5625, T-8000 to T-8003, Inclusive, and T-8007 to T-8011, Inclusive., included as an appendix to the Descriptive Report for Map Drawing, Survey No. T-8002, previously submitted.

28 DETAILING:

The area covered by Map Drawing Survey, No. T-8008 has been compiled in accordance with instructions pertinent to Project No. CS 272. The area to be discussed in this report is part of Sub-Project CS 272-C. The planimetry has been detailed from portions of metal mounted nine-lens photographs, supplemented by the field inspection data. Conventional symbols were used to show the topographic features.

The scales of the photographs and the Map Drawing were in fair agreement. The number of photographs for detailing were considered sufficient. Except in the case of a few small isolated islands, it was not necessary to use the vertical projector.

The main bodies of water appearing on the Map Drawing are portions of West Penobscot Bay, Muscle Ridge Channel and Weskeag River. The land area, which comprises a portion of the mainland of Maine and a number of small islands, is mostly wooded. There are, however, a few cultivated areas and several small villages. None of the villages could be considered congested urban districts.

The southern portions of Enery Island, Cutters Nubble and Sheep Island, which lie within the detail limits of this Map Drawing, have been detailed on Map

28 DETAILING: (Continued)

This detail has Drawing Survey, No. T-8009 to include these islands in entirety on one drawing. The extended limits of below transferred was Drawing, Survey No. T-8009 have been outlined on to this manuscript man Drawing Survey No. T-8008 with red acid ink lines, removed from T-8009

The shore line is bordered for the most part, with rock bluff. The heights of the bluffs, which range in height from 6 ft. to 35 ft., have been shown on the overlay sheet. There are also a few sand and gravel beaches bordering the shore line.

The radially plotted positions of detail points considered relatively strong, have been shown on the glossy side of the Map Drawing with small blue ink circles. The relatively weak positions of such points have been shown with small green ink circles.

All roads appearing on the Map Drawing are to be considered 0.6 m. wide. Trails have been shown with the conventional symbol accompanied by the note "Trail" lettered on the Map Drawing.

All public buildings have been detailed according to the field inspection data and shown with the conventional symbol. All private buildings, with the exception of small outbuildings, have also been shown.

For the most part, the location and character of the drainage for the area of Map Drawing, Survey No. T-8008, were determined by stereoscopy at the Baltimore) Compilation Office.

A list of abbreviations used has been lettered on X the Map Drawing, accompanied by explanatory notes. has been removed . I aunding at this prairtions

30 MEAN HIGH-WATER LINE:

do not indicate a nock or other bragard, Aglangery The Mean High-Water Line (firm ground) has been a detailed in accordance with the field inspection data, and shown on the Map Drawing with a full heavy-weight work black acid ink line, the center of which is considered the true position. The outer limits of marsh areas

a too nelfinite to show,

28 DETAILING: (Continued)

Drawing Survey, No. T-8009 to include these islands the lead has in entirety on one drawing. The extended limits of lead transferred by Drawing, Survey No. 2-8009 have been optlined on to this measurable map brawing Survey No. T-8008 with red acid ink lines seward from T-8009 with red acid ink lines seward from T-8009 with red acid ink lines seward from T-8009 with the second contents and the seward from T-8009 with the second contents and the second contents are second contents and the second contents are second contents and th

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T-8008, were determined in the property of the Baltimore willing the property of the Baltimore willies.

(Compilation Office.

**A Took awark atapprof. Let. 44. 61' 53" Long 19° 06' 07"

* A rock awark atapprof. Lat. 44°01' 53" Long 69°06'07"

has been removed. Soundings at this positions
do not indicate a rock or other hazard. Hydrography
shows a rock awark at Let. 44°01'58" Jang 69°06'07".

What might possibly be a rock appears at this
latter position on field photon 7334 and 7339 but it
is too indefinite to whard.

4/19/49 K. U. M.

30 MEAN HIGH-WATER LINE: (Continued)

bordering the Mean High-Water Line, were also detailed in accordance with the field inspection data, and shown on the Map Drawing with a full light-weight black acid ink line.

31 LOW-WATER AND SHOAL LINES:

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

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

Rock ledge areas which were visible on the photographs, and which border the Mean High-Water Line, have been shown with the conventional symbol.

* 32 DETAILS OFFSHORE FROM THE HIGH-WATER LINE:

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

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

33 WHARVES AND SHORE LINE STRUCTURES:

The existence of piers, retaining walls, and all other shore line structures located within the area of the Survey, has been verified by the Field Inspection Sub-Party. Such features have been shown on the Map Drawing with the conventional symbols, accompanied by descriptive notes.

* Field photo #7320 indicates a rock awash southeard of marble head I with the note "approx Pas. Rk bares " at 2:17 on 9-10-43" This rock was remained from the manuscript on basis of information furnished by the ship Isilbert. Lee Chart letter #808, 1948

34 LANDMARKS, FIXED AIDS TO NAVIGATION AND AERONAUTICAL AIDS:

No landmarks or aeronautical aids were previously charted or were recommended by the Field Inspection Sub-Party for the area of this Survey.

Four previously charted Fixed Aids to Navigation appear within the detail limits of the Map Drawing. They are as follows:

- v OTTER ISLAND LEDGE BEACON (Triangulation Station: OTTER ISLAND, BLACK SPINDLE ON LEDGE, 1859, r.1934, r.1943)
- ✓ OTTER ISLAND BEACON (Triangulation Station: OTTER ISLAND, BEACON, 1934, r.1943)
- V ASH ISLAND BEACON (Triangulation Station: ASH ISLAND, SPINDLE, 1934, r.1943)
- *GARDEN ISLAND LEDGE BEACON (Triangulation Station:
 GARDEN ISLAND, RED SPINDLE ON
 LEDGE, 1859, r.1934, r.1943)

Since the positions of these charted Fixed Aids to Navigation have been previously determined by Triangulation by the Bureau, Form 567 will not be submitted.

*The publication "Light List - Atlantic and Gulf Coasts of the United States - 1944" lists this beacon as since 1859,

35 HYDROGRAPHIC CONTROL:

The selected hydrographic control for the area of the Survey consists of 196 temporary hydrographic stations and 11 Recoverable Topographic Stations. Their positions have been determined by the radial plot and shown on the Map Drawing with $2\frac{1}{2}$ mm black acid ink circles. Four temporary hydrographic signals which are located on the southern end of two small islands and which would normally fall within the limits of the Map Drawing, are shown within the extended limits of Map Drawing Survey No. T-8009.

+ 4 taken from T-8009

Each of the Recoverable Topographic Stations has been numbered and named on the Map Drawing with the exceptions

35 HYDROGRAPHIC CONTROL: (Continued)

noted below. The numbers of the Temporary Hydrographic Stations have been shown on the overlay sheet.

The numbers and descriptions of the Temporary Hydrographic Stations, and the numbers, names and descriptions of the Recoverable Topographic Stations, have been compiled in a list which is submitted herein. Two additional copies of the list are being submitted.

Form 524 has been submitted for the following eleven (11) Recoverable Topographic Stations:

No.	Name
946	Red Chimney
984	S. W. Gable Cream Colored House
2633	W. Gable White House Green Trim
2496	Tidal Bench Mark 2 (1908) Dix
	Island, Penobscot Bay
2557	E. Gable Dark Reddish Brown House
2695	45. Gable Two-Story White House
2713	Æ. Gable "Trail's End"
2726	Highest Chimney - Cream Colored House
4481	E. Gable One-Story Green House
*2686	Anoa - 1943
**None	-Wood - 1943

*The number, name and description of this station has been lettered on the Map Drawing.

**The name and description of this station has been lettered on the Map Drawing.

36 LANDING FIELDS:

A portion of a Naval Airport appears just within the northern limits of the Map Drawing. As the Field Inspection Data were inadequate, no definite limits of the airport could be ascertained. However, the cleared area has been outlined with tree and brush symbols and the note "U.S. Naval Airport" has been lettered on the Map Drawing within the cleared area.

Tidal B.M. # 4, 1911 (Dix Island) is also on this map.

37 GEOGRAPHIC NAMES: 414

"Weskeag River" was the only investigated geographic name within the area of the Map Drawing. All other geographic names were obtained from the best sources available to this Compilation Office. Lists of the disputed and undisputed names have been alphabetically compiled and submitted herein.

38 JUNCTIONS:

Junctions of shore line and interior details were made with Map Drawings, Survey Nos. T-8009 to the North, T-8001 to the West, and T-8007 to the South. They are in agreement.

Map Drawing, Survey No. T-8025 is to the East. Since that part of the meridian at Longitude 690 00' 00", along which the two Map Drawings junction, passes through an all water area, no junction of details need be considered.

39 RECOMMENDATIONS FOR FUTURE SURVEYS:

The positions of the planimetric details appearing on the Map Drawing are believed to be within the limits of satisfactory accuracy. The compilation is also believed to be complete in all details needed for charting or for the preparation of a planimetric map. No additional surveys are deemed necessary.

40 BRIDGES:

One highway bridge has been shown on the Map Drawing with the conventional symbol, accompanied by a pertinent note. This bridge connects Sprucehead Island with El-well Point.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

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

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES: (Continued)

Because of the large scale difference between the Map Drawing and the above mentioned quadrangle, small planimetric detail could not be readily compared. By visual comparison, however, planimetry common to both is in fair agreement.

The differences noted are as follows:

Two railroads which appear on the above mentioned quadrangle are not shown on the Map Drawing. It is believed they no longer exist, as no field inspection data were submitted for their identification, and they could not be seen on the photographs. One railroad is located near the south shore of the Weskeag River, west of Nabby Cove. The other is located at the northern limits of the Map Drawing at approximate Longitude 69° 05' 00" and Latitude 44° 03' 45".

Numerous trails, several roads, and several houses shown on the Map Drawing are not to be found on the quadrangle.

45 COMPARISON WITH NAUTICAL CHARTS:

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

Chart No. 310, scale, 1:40,000, published at Washington, D. C. August 1937, reissued June 1938, corrected April 13, 1944.

Chart No. 1203, scale, 1:80,000, published at Washington, D. C. June 1936, reissued April 1938, corrected to September 2, 1942.

Comparison was made of the Map Drawing and the above mentioned charts. With the exception of small planimetric features which could not be readily compared, because of the scale difference between the Map Drawing and the charts, the following differences were apparent:

In many instances the locations of bluffs appearing on the Map Drawing, were in disagreement with those 45 COMPARISON WITH NAUTICAL CHARTS: (Continued)

appearing on the charts.

Numerous trails, houses and several private roads, as detailed on the Map Drawing, do not appear on the charts.

Several of the rocks awash appearing on the chart, have not been shown on the Map Drawing. The images of these rocks were not visible on any of the photographs, and no field inspection data were submitted for their identification.

Respectfully submitted: July 13, 1944

Margaret a Velich

Engineering Draftsman

Compilation and Descriptive Report, Reviewed by:

James E. Sunderland Sr. Photogrammetric Aid

Supervised by:

Walter E. Schmidt

Asst. Photogrammetric Engineer

Approved and Forwarded: July 21, 1944

Fred. L. Peacock

Chief, Air Photographic Party No. 2

GEOGRAPHIC NAMES

Undisputed

```
· • Andrews Island *
· Ash Island ·
  *Ash Island Ledge
· - Ash Point .
· Ash Point (village)
v · Ballyhac Cove ·
v • Birch Island •
. · Birch Point · (in Weskeng R.).
· Camp Island •
· • Channel Rock *
· Clam Ledges .
· Crescent Island *
v · Crockett Point .
· • Cushing Island •
· • Cushing Point ·
· • Dix Island *
V ● Dix Island Harbor •
v • Eben Island •
  *Emery Ledge
False Whitehead Harbor .
v . Fisherman Island *
v • Fisherman Island Passage ·
v - Garden Island
✓ *Garden Island Ledge
v • Ginn Point ∗
v • Grace Rock •
  *Grindstone Ledge
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V • High Clam Ledge . · Howie Rock *Inner Grindstone Ledge *Lark Ledges v . Little Island ' · · Little Green Island · · Marblehead Island : · • Muscle Ridge Channel • · Nabby Cove · *N.E. Pond Ledge *N.W. Ledge V ♠ Oak Island • *Otter Island Ledge v • Otter Point * ? • Pleasant Beach * *Sheep Island Shoals √ ¶ South Thomaston ↑ ✓ • Spaulding Island • v - Spaulding Point . v • Sprucehead Island * *Sunken Ledge *Sunken Pond Ledge The Neck V Thorndike Point · Tommy Island . *Upper Gangway Ledge · West Penobscot Bay · *Wiggins Rock · Waterman Point

*These names do not appear on the Map Drawing. The features to which they pertain were not identified. Their images were not visible on any of the photographs.

V. Otter Island (on map)

V. Birch Point. (East of Otter Pt.)

V. Lucia Beach (E. of this Birch Pt.)

V. Spectacle Island (NE of High I.)

V. Poverty Hump (s. of Dix I.)

Cutters Nubble ..

Sheep Island.

Emery Island

GEOGRAPHIC NAMES

Disputed

· Dyer Point · (Panding with USBbN)

Dyers Point Fogs Point

Pond Islands

V . Weskeag River (UsBth decision).

High Isle Wessaweskeag River

Names preceded by are approved. L. Heat

GEOGRAPHIC NAMES

Names checked with 4/14/49 KM.

IDENTIFICATION REPORT OF THE HORIZONTAL CONTROL FOR THE AREA OF SURVEY NO. T-8008

Within Detail Limits

Crescent Island, 1858. Recovered. Pricking positive.
Beale's House, Chimney, 1859. Not identified. Pricking positive.

Otter Island, Black Spindle on Ledge, 1859, r.1934. Recovered. Pricking positive.

Otter Island, Beacon, 1934. Recovered. Pricking positive. Garden Island, Red Spindle on Ledge, 1859, r.1934. Recovered. Pricking positive.

Ash Island, Spindle, 1934. Not identified. Pricking positive. High Island, 1858, 1934. Recovered. Pricking positive.

Outside Detail Limits

B, 1911. Not visited.
Ten 2, 1911. Not recovered.
Inner South Beacon, 1905. Recovered. Pricking positive.
Red Schoolhouse, Chimney, 1859. Not identified. Pricking positive.
Crescent Beach, Steel Beacon, 1911. Recovered. Pricking positive.
Large House, North Chimney, 1859. Not identified. Pricking doubtful.
Rackley's Island, 1858. Not identified. Pricking positive.
One, 1905. Not recovered.
Sheep Island, Steel Beacon, 1911, 1934. Recovered. Pricking positive.
False Whitehead, 1859, 1934. Recovered. Pricking positive.

Oct. 31, 1943

By Lieut. Comdr. Henry O. Fortin U.S.C. & G.S.

COAST OF MAINE
Project No. C.S.-272
Part of Sub-Project No. C.S.-272-C
DIX ISLAND ASH ISLAND
TOMMY ISLAND FISHERMAN ISLAND

List of the names, numbers, and descriptions of the recoverable topographic stations, and the numbers and descriptions of the temporary hydrographic stations appearing on Map Drawing No. T-8008

Number of temporary hydrographic stations 196 + 4
*Number of recoverable topographic stations 11
Total number of stations 207

*One of these is a Tidal Bench Mark

Listed by:

Margaret a. Velick

Checked by: 2

Ruth M. Whitson

From {2734 Top of ledge that has overlanging edge towards shore, T-8009 { off ppoint that has a large group of sprice trees.

- 980 S. W. gable of yellow and brown house. Has a chimney and vent at top.
- 981 Lone clump of alders at bare spot in grassy bank at edge of shore (151)
- 982 S. end of culvert under fill. Fill has wooden fence along side. (0')
- 983 S. tip of thick clump of alders (41)
- 984 S. W. gable of cream colored house with brown trimmings. Sets in field of old dead grass (35')
 Recoverable topographic station.
- 985 Small clump of alders at small inlet. Rock pile on W. side (3')
- 986 Bunch of alders on N. tip of point. Has grass protruding 10 feet into the water. (1')
- 987 Small clump of alders along shore line. Alders are 100' to N. of a large spruce tree. (4')
- 992 Lone spruce on side of bank. Group of 3 spruce 15' E. of it. Stands 4' high. (6')
- 993 Highest part of whaleback rock. Is partly brown. Has sloping top. (3')
- 2644 Top Center of offshore jagged ledge on W. side of bay. (1')
- 2643 Tip of grass on ledge pt. S.S. (1')
- 2642 6' white boulder on W. side of bight. S.S. (3')
- 2641 E. tip of brush on pt. S. of stream S.S. (2')
- 2640 3' white rock on rocky gravel pt. S.S. (2')
- 2639 2' tan rock on E. side of rounding pt. It is 15 m. from foot of 15' bank. S.S. (1')

from 2785 Bose of spruce tree on shore, back back of it, on S.E. from 2786 Tip of Sleep Island, to SE of open place in trees.

7-8009 2786 Tip of ledge on S. tip of Sleep Island. Has yellow street on side

2786 Tip of ledge on S. tip of Sheep Island. Has yellow street on side 2' from top. Ledge is connected to shore by narrow strip of ledge 2788 Top of ledge on NW side of bight. Farthest from shore of all the ledge and rocks. Has sort of flat top.

- 2638 4' brown rock on S.W. side of small Id. on N. side of bay. S.S. (2')
- 2637 S. E. tip of brush on rounding pt. S.S. (21)
- 2636 Lone bunch of 7' alders. It is second bunch N. of a lone birch. S.S. (6')
- 4478 Center of northeasterly of two small brush patches on N.W. side of cove. At H.W. brush patches are just S. of a shallow bight S.S. (4')
- Town line marker between Owls Head and S. Thomaston. Base pricked. S. S. (3')
- 4480 Center of small round patch of alders 2.0 m. from HWL on rounding grassy point. S.S. (3')
- 4481 E. gable of one story green house with red roof, and white trim. Recoverable topographic station. (60)
- 2635 10' birch bush on ledge pt. S.S. (3')
- 2634 Tip of brush on pt. S.W. of ledge pt., is on rocky and gravel pt. S.S. (1')
- 2633 W. Gab. of white house green trim. Recoverable topographic station. (321)
- 2632 Northwesterly of two white ledges. S.S. (1')
- 2631 W. Gab. of shack on pt. It is just E. of a bight on N. side of pt. S.S. (17')
- 998 Grass on N. tip of point, leaning spruce 5 feet from it. (3')
- 999 Tip of brush behind flat ledge. (31)
- 1000 Highest part of ledge. It is very light at top. Crack to the south of highest part. Smaller ledge to W. of it. (41)

- 2698 Top center of brown 6' boulder in gravel. E. of N-S line of bumps on ledge. S.S. (0')
- 2697 Top of bump on N. E. side of white sloping ledge N. of bight. S.S. (21)
- 2696 Gray boulder with guano on top. It is on pt. and is 30 m. E. of pointed rock. S.S. (2')
- 2695 S. gab. of two story white house with green roof. Recoverable topographic station. (35')
- 2699 Top of whaleback ledge. It is N.W. of gravel and is connected to the shore by a wide line of loose stones. S.S. -(0')
- 2700 Top center of high ledge on rounding pt., 15 m. from brush. It has many cracks in it. S.S. (0')
- 2701 Center jagged 6' boulder in bight on E. side of pt. S.S. (0')
- 2702 Top of 7' tan boulder (N. end) on flat ledge at S.W. end of S. beach. S.S. (1')
- 2703 S. tip of grass on ledge on E. end of S. beach S.S. (21)
- 2704 S. W. tip of grass S.E. of long bare ledge running back in grass. S.S. (3')
- 2705 Round tan 4' rock on ledge S. of S. beach. S.S. (-1')
- 2706 S. E. gab. of two story yellow house, red trim, green roof. (301)
- 2707 Top center of whaleback ledge S. E. of two higher ledges. It is offshore. S.S. (1')
- 2708 Lone 18' spruce 1 m. from grass line -- bushes to the W. S.S. (5')
- 2709 Top of ledge on pt. S.S. (1')
- 2710 8' boulder 8 m. from grass line on gravel beach S.S. (1')

- 2711 S. gab. of white two-story cottage, green trim.
 A lone spruce is S. E. of it at grass line. (30')
- 2712 Top of ledge with crevice on either side and E-W crack in center. It is 7 m. S. of steps. S.S. (0')
- 2713 E. gab. of Trail's End, a two-story cottage on pt. Recoverable topographic station. (45)
- 2714 Top of pointed ledge on N. pt. of Ash Id. S.S. (5')
- 2715 Lone bushy 10' spruce N. of shack and 5 m. from grass line. S.S. (7')
- 2716 Top of ledge S. W. of gravel beach. A tuft of grass is just S. of S.S. S.S. (51)
- 2717 S. tip of grass on high ledge pt. on E. end of Ash Id. S.S. (5')
- 2718 Top center of knob of ledge E. of two rocky pts. in bight. It is tan colored. (0')
- 2719 Dark brown round 4' rock E. of gravel beach (0')
- 2720 Top of large boulder on ledge half way from the water line to spruce trees. Has spots of moss on top. (71)
- 272l Part of ledge near the peaked ledge which has 3 spruces on top of it. It is a light color. To the E. of the peaked ledge. (2')
- 2722 Clump of brush on point, directly in front of small red and white cottage. (10')
- 2723 N. E. gable of white and green cottage. Has a flag pole in front of it. A glass covered-in porch. (25')
- 2724 Highest part of jagged rock between shore and other ledge. (1')
- 2725 E. Gable of cream colored cottage. Has green trimmings, no chimney. (6')

- 2726 Highest S. section of two chimneys on cream colored house with green trimmings. Has flag pole in front of it. Recoverable topographic station. (40)
- N. E. tip of grass on point. East-northeast of house described in Signal 2726. (6')
- 2728 Top of ledge on beach. Is dark brown in color. (51)
- 2729 Flag pole on lawn of large white house with a red roof. Base. (101)
- 2730 Highest part of tip of rocky point. Large spruce trees 50' back from it. (3')
- 2731 Top of jagged rock 5 m. offshore at H. W. On S. side of Little Island. (2')
- 2732 Highest point on offshore ledge. In front of two cottages. Both are unpainted, one has red roof. (2')
- 2733-A 15' spruce tree on point with branches gone near bottom. (12')
- 2733 Highest part of ledge that is 50 ft. from the grassland. Small fir tree on tip of grassland on N. side of long narrow pt. (2')
- 2735 N. end of brown rock. Rock is 8 ft. long at Mean High-Water Line. (0')
- 744 Top Center of large ledge with brown stripes around it. (3')
- 945 Center of ledge with grass all around it.

 Alders between the bare ledge and grassland. (41)
- Red chimney on highest part of two story white house with dark roof. Recoverable topographic station. (35')
- 947 N.E. gable of small unpainted house yellow on E. end. (25)

- 948 Highest part of large ledge with strips of grass around top. (2')
- 949 Corner of pale fence at head of Nabby Cove. (1')
- 951 S. W. tip of brush on the E. side of field and N. side of Nabby Cove. (21)
- 952 Highest part of rock at S. side of ledge. (3')
- 953 N. tip of brush and briars. Tall trees are directly S. of it. (2')
- 994 Rounding knob on large ledge. Top of knob is lighter than rest of rock. (3')
- 995 N. E. corner of wooden pier. Has ladder on side. (4')
- 996 S. E. gable of gray cottage. Has flag pole and chimney on top, piazza on front. (6')
- 997 Top of brown rock. Is top of offshore ledge. Has one large crack on side. (2')
- 2690 Top center of 5' flat top boulder N. of bight.
 On the N. side are two 1' rocks. Is 10 m. from
 grass line. S.S. (0')
- 2691 Top center of offshore long ledge in center of mouth of Weskeag River. (-21)
- 2692 Top center of dome-shape ledge on pt. There is a smaller one on each side connected to it. (2)
- 2693 7' boulder on pt. It is 15 m. from tree line. (0')
- 2694 Top of flat-top 6' boulder on flat ledge in bight. It is S. of most westerly of two clearings. S.S. (0')
- 2680 l'white rock E. of clump of green bushes, E. of S. beach. S.S. (15)

- 2681 5' bush on S. W. end of round pt. S.S. (4')
- 2682 Dome-shape 8' boulder with E-W crack across middle. Note: from the S. E. it looks like the back of a chair. It is on S. end of Tommy Id. S.S. (3')
- 2683 7' spruce on N. side of Id. S.S. (6')
- 2684 Top of N. most white section of ledge N. of Tommy Id. It has green moss on E. side. S.S. (2')
- 2685 6' gray boulder 10 m. from grass line on pt. S.S. (3')
- 2687 Top center of 6' boulder S. of two larger ones S. of a gravel beach. They are on pt. S.S. (3')
- 2688 5' brown bounder on E. of S. beach and S. W. from bushes. S.S. (-1')
- 2689 E. gab. of tall boat shed E. of spruces. (18')
- 2645 S. tip of ledge pt. at M.H.W.L. Two ledges are directly offshore from it. S.S. (-2')
- 2547 20' bushy spruce S. E. of gravel beach. It is at end of bight on S. end of Id. S.S. (7')
- 2548 Top of whaleback 7' boulder E. of gravel beach and S. E. of pointed Rock. S.S. (0')
- 2549 N-S. crevice at H.W.L. It is 50 m. E. of gravel beach. S.S. (0')
- 2550 Vertex of southerly of two "V's" in ledge on W. side of Little Green Id. S.S. (0')
- 2551 12' dead tree on S. side of Little Green Id. It is 3 m. N. of grass line. S.S. (3')
- 2552 8' boulder balanced on pt. of ledge on E. side of Little Green Id. S.S. (5')

- 2553 15' spruce with top cut off on N. side of Id., near bight. S.S. (10')
- 2554 Top center of peaked ledge on S.E. end. It is an offshore ledge 5 m. from pt. S.S. (01)
- 2492 W. gab. of first house, gray clapboards. It is on W. end of Dix Id. (40')
- 2491 Center of whaleback offshore ledge, S. W. of a long string of ledges. A smaller similar ledge is 10 m. N. E. of it. S.S. (3')
- 2490 12' boulder N. W. of bight and 3 m. W. of a pointed boulder. S.S. (6')
- 2489 High pt. of huge rounding offshore ledge, N. W. of Cove. S.S. (10')
- 2488 Highest sharp-cornered 3' quarry stone in center of grass line on E. end of Cove. It is 10 m. S. of a corner in shoreline. S.S. (8')
- 2487 6! round white boulder (top center) suspended in crevice on pt. S.S. (4!)
- 2486 S. end of grass on high ledge. (Offshore). S.S. (8')
- 2485 10' spruce on pt. on W. side of channel between Dix Id. and Birch Id. (4')
- 2484 Top of N. end of high ledge on pt. S. of gravel. S.S. (6')
- 2483 Top of peak of white ledge E. of two gr. N-S strips on offshore ledge, 30 m. to N. is a 5' rock on ledge. S.S. (8')
- 2481 Highest pt. on jagged ledge. (High Clam Ledge). S.S. (10')
- 2480 Top of ledge W. of gr. patch in gravel crevice 1 m. to S. of S.S. S.S. (3')

- 2479 Top center of Channel Rock, lone 5' boulder $\frac{1}{2}$ kilometer N. of High Clam Ledge. S.S. (-1')
- 2478 Top of small whaleback ledge S. of a still smaller one. S.S. (0')
- 2476 Top center of E. end of offshore ledge. It is E. of one ledge and N. E. of another. (These three ledges are probably connected at L.W.) S.S. (1')
- 2500. S. E. gable of first gray shingled house with reddish brown trim. It has shed built on S. side and is most westerly of a group. (18)
- 2499 S. corner of wooden pier with pole. S.S. (2')
- 2498 Top center dome-shaped ledge on N. end of ledge pt. S.S. (4')
- 2497 Tile chimney on tar-papered shack, 3 m. from grass line. It is N. of S.S. No. 2485. S.S. (12')
- 2496 Top center of offshore boulder on ledge on E. side of channel. Inshore is gravel beach. S.S. (0')

 Recoverable topographic station, also tidal bench mark)
- 2495 Lone 10' bushy spruce on S. side of rounding pt. S.S. (7')
- 2494 10' spruce in quarry stone on W. side of a group, 10 m. S. E. of S. beach. (8')
- 2493 30' spruce 1' W. of a 10' spruce on rounding pt. (4')
- 2501 Top center of 4' rock E. of two others. S.S. (3')
- 2502 51 rock on N. side of flat offshore ledge. S.S. (11)
- 2503 Top center of southerly section of offshore ledge. S.S. is S. W. of 6' round boulder on ledge. S.S. (4')

- 2504 5' round rock in S. beach 10 m. N. of grass point. S.S. (1')
- 2555 S. W. corner of st. pier on W. side of island. S.S. (3')
- 2556 S. W. corner of st. pier on S. side of island. S.S. (4ⁱ)
- 2557 W. gable of dark reddish-brown one-story house with tile chimney. Recoverable topographic station. (351)
- 2558 Top center of small whaleback ledge in center of bight on S. Point. To the S. W. is a larger whaleback ledge on pt. S.S. (0')
- 2559 Top center of white dome-shaped ledge with two N-S cracks on either end. S.S. (5')
- 2560 Knob of ledge on ledge pt. on N. end of island. S.S. (20')
- 2561 N. W. corner of stone foundation. It is largest of many foundations. It is due N. of quarry. S.S. (15')
- 2562 Chimney on S. E. end of shack on small island with two trees. (25')
- 2545 Top center of S. end of group of three ledges. Probably one island at low water. S.S. (-1')
- 2570 Top center of whaleback ledge on pt. It is N. of another such ledge which is a little higher S.S. (1')
- 2571 Top center of N. section of offshore ledge. S.S. (5')
- 2572 S. tip of gr. on ledge island W. of wooden pier in harbor. S.S. (5')
- 2573 Top center of largest N.W. most of four sections on ledge island. It is N. of another such ledge island with grass on it. S.S. (71)

- 2574 S. E. tip of ledge running into grass on N. side of small ledge. S.S. (71)
- 2575 W. gable (over shed) of multicolored house on inshore end of piers. (221)
- 2576 Dome-shaped lone ledge on point. It is N. W. of many bumps of ledge. S.S. (0')
- 2577 Easterly of two 4' rocks on W. side of bay. S.S. (2')
- 2578 Top center of 8' flat top boulder (offshore)
 N. E. of pointed rock. S.S. (1')
- 2579 35' spruce N. of small clearing and birch tree.
 S.S. (4')
- 2580 5' brown boulder on point. It is the furthest one from grass line. S.S. (1')
- 2581 Pointed brown offshore ledge in bay. (-1')
- 2582 White knob on small ledge point. A pointed rock is 5 m. N. E. of it. S.S. (1')
- 2583 8' spruce on small island on S. side of bay. S.S. (6')
- 2584 N. tip of grass on offshore ledge. S.S. (4')
- 2586 S. end of hook of ledge on point. S.S. (21)
- 2569 Flat slanting slab of rock on point 40 m. from grass. S.S. (41)
- 2568 3' rock (offshore) off N. E. side of the "The Neck". It is 50 m. from grass line. S.S. (0')
- 2566 6' white boulder on S. beach. S.S. (3')
- 2565 W. tip of sloping ledge point at H.W.L. on N.W. end of island. Directly inshore is a group of deciduous brush. S.S. (0')

- 2564 S. W. gable of green shingled house with tile chimney near center and flag pole on porch. (18)
- 2563 10' spruce N. of another such spruce in bight. S.S. is at grass line. S.S. (8')
- 2540 Top center of S. end of island. It is a dome-shaped ledge with guano on top. It is ledge N. E. of Camp Island. S.S. (8')
- 2541 Top center of N. end of offshore hedge. S.S. is whaleback-shaped. S.S. (0')
- 2542 S. W. gable of shack on S. side of Little Pond Island. S.S. (23')
- 2543 4' spruce on high ledge point N. of bight on W. side of island. S.S. (8')
- 2544 Top center S. E. end of ledge island. It is highest peak on ledge. S.S. (101)
- 2539 Top center of low ledge. It is second one E. of Camp Island. S.S. (1')
- 2538 Pointed 4' rock on E. end of long narrow ledge. It has guano on E. side. S.S. (8')
- 2537 Bushy 12' tree on S. side of grassy island. (5')
- 2536 4' rock on point 35 m. from tree line on point. (0')
- 2535 Chimney on shack in bight. (22')
- 2534 N. most tree on point at grass line. (6')
- 2533 Tip of ledge point N. W. of deep bight at H.W.L. (0')
- 2532 Top of pinnacle on N. side of entrance to bight. S.S. (8')
- 2531 Top of 10' white boulder at tree line. S.S. (20')
- 2530 S. E. tip at H.W.L. of long narrow ledge in bight.

"ANOA - 1943"

The mark is a standard topographic disc, stamped "Anoa 1943"; cemented in a drill hole on the highest part of the ledge on the S. side of a V in the shoreline, on the N. E. side of Eben Island; 1.4 meters S. from H.W. Line at edge of V, and 7.4 meters E. from tree line. Recoverable topographic station.

"WOOD - 1943"

The mark is a standard bronze topographic disc, stamped "Wood 1943" cemented in a drill hole on top of a high ledge toward the N. end of Fisherman Island; 45 meters W. of H.W. Line. Recoverable topographic station.

- 2657 Dome shaped reddish brown ledge with black discolorings. It is highest ledge 30 m. N. E. of dome shaped gray ledge on pt. S.S. (-1')
- 2658 Top center of 12' boulder E. of a pointed boulder. They are in bight.S.S. (8')
- 2659 Smaller boulder of two. It is 3' boulder farthest out on pt. S.S. (2')
- 2660 Top center of jagged ledge. E. of S. beach. S.S. is just S. of 2 white rocks on top. S.S. (1')
- 2661 Dormer gable on E. side of gray shingled house. (18')
- 2662 Gray 3' rock directly inshore in grass from ledge pt. N. E. of S. beach. S.S. (3')
- 2663 5' boulder which appears like a rectangle from the water S.S. (-2')
- 2664 7' gray boulder N. E. of end of tree line next to shore. It is S. E. of gravel beach. S.S. (5')
- 2665 S. E. corner of N. abutment on E. side of bridge. S.S. (5')
- 2666 7' offshore boulder with brown flat top. Two smaller ones are to W. S.S. (-2')

- 2667 Top center of offshore ledge on pt. E. of bight. It is 2 m. N. of pt. S.S. (0')
- 2670 Top of easterly section (highest part) of offshore ledge. This ledge is S. E. of another offshore ledge. S.S. (-2')
- 2671 E. end of long ledge. There is a white patch on top. There is an abrupt drop to S. E. S.S. is S. of 2' round rock. S.S. (0')
- 2590 Highest part of ledge. S.S. is on N. end. S.S. (-1')
- 950 Spruce tree on E. side of Nabby Cove near its head. Tree is ten ft. tall and most northerly of group of scattered spruces. (31)
- 954 Center of large piece of granite. At the end of a line of poles running from the shore. (1')
- 955 N. E. tip of gravel beaches at high water line.
 (0')
- 4476 Center of small white cabin with hip roof. Recoverable topographic station. (301)
- 4477 N. gable of small green shack with yellow trim. S.S. (8')
- 942 4' broken ledge on S. end of Fisherman Id. To the N. E. is a 12' rock broken off and a little higher. S.S. (8')
- 943 Rock cairn on top of Marblehead Id. (351)
- 2567 6' boulder N. of another such boulder. There are pointed rocks to the W. S.S. (4')
- 2505 Top center of dome-shaped ledge 7 m. S. of V-shape crevice and N. E/group of spruces. S.S. (8')
- 2589 Highest pt. on id. just l' N.W. of crack in ledge. S.S. is on S. end of ledge id. S.S. (15')

DIVISION OF PHOTOGRAMMETRY Review Report of Planimetric Map Manuscript T-8008

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

28. FIELD INSPECTION AND DELINEATION High water

The photographs covering this area were taken when the tide was two feet above Mean Bange. The field inspector over-compensated for the high tide, thus drawing the shoreline on the photographs too far seaward. The compiler accepted the shoreline as drawn by the inspector.

Errors in the shoreline were originally discovered by the Hydrographic Party, who indicated the various places and the extent of errors on the field photographs. By using the corrected photographs, previous topographic surveys, and the stereoscope, the mean High-water shoreline was bedrawn in numerous places throughout the area of the map manuscript. The new line placed the shore farther inland, and caused some small islands to be shown as parts of ledges or as rocks awash.

Because of the high stage of tide, only the approximate position of many rocks can be shown; and some known rocks awash do not appear at all on this map manuscript.

40. BRIDGES

Data for a bridge at Lat. 44° 00.4°, Long. 67° 07.5° does not agree with the information given in the U. S. Eng. Bridge List, 1941. It is believed that a new bridge has been built since the Bridge List information was obtained.

42. COMPARISON WITH PREVIOUS TOPOGRAPHIC SURVEYS

T-1287	1/10000	1871
T-1151	1/10000	1869
T-1160	1/10000	1870

The present survey supersedes the older surveys for their common areas, except for off-shore detail, contours, and property or fence lines.

43. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

A hydrographic survey for this map area is still in process, and is not available for comparison and information transfers, - offshore detail from the hydrographic to the planimetric and shoreline from the planimetric to the hydrographic, since the shoreline on the hydrographic survey is that of the unreviewed planimetric T-8008.

45. COMPARISON WITH NAUTICAL CHARTS

1/40000 312.

There are no landmarks or aids to navigation to be charted or deleted.

46APPEICATION TO CHARTS

This survey has not been applied to charts as of the date of review. *

48. ACCURACY

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A check of the detail showed that the weakest area of the radial plot is at Andrews Island and vicinity. However, over the entire area, none of the detail is in error greater than 1.0 mm and well defined points no greater than 0.5 mm.

Reviewed by: Under the direction of

APPROVED BY:

Technical Assistant to the

Chief. Div. of Photogrammetry

Chief, Nautical Charts Branch, Division of Charts.

The rock shown at approximately Lat. 44° 00' 40" Long. 69° 06' 45" on the manuscript has been rejected after investi-gation 4/12/49 and has been removed from the file copy of T-8008 prior to registeration. This rock, as plotted on the manuscript, falls on a 36 foot sounding on chart 312. The rock does not show photographically on any photograph. It was spotted in position on field photograph 7338 by the field inspection party which evidently saw one of the charted rocks which exist just to the eastward. The field inspection position is evidently in error.

NAUTICAL CHARTS BRANCH

SURVEY NO. 78008

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
8/3/45	Reconst 313	JWalkey	Before After Verification and Review Completely
6/7/48	322	Blund	Before After Verification and Review
4/5/49	209	Ic w Jones	Before After Verification and Review
•			Before After Verification and Review
	,		Before After Verification and Review
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