

8009

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-8009

LOCALITY

State Maine

General locality West Penobscot Bay

Locality Rockland Harbor - Owls Head Bay

1944

CHIEF OF PARTY

F.L. Peacock

LIBRARY & ARCHIVES

DATE April 25, 1949

B-1870-1 (1)

8008

DATA RECORD
Map Drawing Survey
T- 8009

Quadrangle (II): Rockland, Maine (15')(U.S.G.S.) Project No. (II): C.S. - 272
Southeast portion Part of Sub-Project No. C.S. 272 C

Field Office:
Air Photographic Party No. 2

Chief of Party: ~~Fred. L. Peacock~~ Henry O. Fortin

Compilation Office:
Baltimore Photogrammetric Office

Chief of Party: Fred. L. Peacock

Instructions dated (II III):
April 1, 1942, and April 20, 1943

Copy filed in *Division of*
~~Report No. T- (VI)~~
Photogrammetry General Files

Completed survey received in office: _____

Reported to Nautical Chart Section:

Reviewed: 10 Dec 45

Applied to chart No. Reconst. 313 Date: 8/1/45 *After rec.*

Redrafting Completed: 8 April, 1948

320
209 5 June 1946 (partial)
3/3/49

Registered: 22 Sept. 1948

Published: 9 July, 1948

Compilation Scale: 1:9,700

Published Scale: 1/10000

Scale Factor (III): 1.0309

Geographic Datum (III): N. A. 1927

Datum Plane (III): Mean Sea Level *H. W.*

Reference Station (III): INGRAHAM HILL, 1859, r.1934, r.1943

Lat.: 44° 04' 56.566" 1745.9m Long.: 69° 06' 52.994" 1179.1m Adjusted ✓
Unadjusted

State Plane Coordinates (VI): Maine, East Zone

X = 338,475.86 feet

Y = 91,379.62 feet

The Harbor Defense Grids are not to be placed on maps now. The State Grid systems are used.

Instructions from Nautical Charts Branch.

~~Military Grid Zone (VI)~~

U.S.E. Rockland Harbor Grid (to be shown on published map.)

Not available for reference station. However, Δ St. "South Breakwater (U.S.E.)" is origin of grid and its coordinates are:

South East
20,000.00 feet 20,000.00 ft

PHOTOGRAPHS (III)

(Metal Mounted)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
7208-7211 Incl.	10/21/41	10:17 A.M.	1:10,000	11.6' above M.L.W.
7228-7232 Incl.	10/21/41	10:17 A.M.	1:10,000	11.6' above M.L.W.
7319	10/22/41	11:20 A.M.	1:10,000	11.8' above M.L.W.
7324	10/22/41	11:20 A.M.	1:10,000	11.8' above M.L.W.
7331-7332 Incl.	10/22/41	11:20 A.M.	1:10,000	11.8' above M.L.W.
7340-7342 Incl.	10/22/41	11:20 A.M.	1:10,000	11.8' above M.L.W.

Tide from (III): Predicted tide tables, Atlantic Ocean, 1941, Reference Station, Portland, Maine, with correction to Rockland, Maine
Mean Range: 9.7' Spring Range: 11.2'

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

Field Inspection by: Lieut. Comdr. Henry O. Fortin date: Season 1943
Season's Field Inspection Report has been previously submitted

Field Edit by: date:

Date of Mean High-Water Line Location (III): As of photographs taken on 10/21 - 22/41, supplemented by the Field Inspection Data obtained in 1943

Rockland Harbor Grid ruled by B.R.C. and checked Washington Office date: 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 Office date: 11/1/43
Overlap checked by: R.M.B. Washington Office date: 11/2/43
Control plotted by: Donald M. Brant date: 12/10/43
Control checked by: A. L. Goncharsky date: 12/16-17/43

Radial Plot by: A. L. Goncharsky date: Jan. 1944

Detailed by: M. K. Olthouse (Interior and shoreline - rough draft) date: 2/2-19/44;
5/16 to 7/11/44

Reviewed in compilation office by: Harry R. Rudolph date: July 1944

Elevations on Field Edit Sheet checked by: date:

STATISTICS (III)

Land Area (Sq. Statute Miles); $10\frac{1}{2}$

Shoreline (More than 200 meters to opposite shore): 15.25 Statute Miles
measured along centerline

Shoreline/(Less than 200 meters to opposite shore): 0.6 Statute Miles

Number of Recoverable Topographic Stations established: *17

Number of Temporary Hydrographic Stations located by radial plot: $\frac{1}{+}$ 131
Number of Bench Marks located by radial intersection **8

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:

* Of these stations 4 are fixed aids to navigation and
3 are landmarks

** One of these Bench Marks is also a Recoverable Topographic
Station

$\frac{1}{+}$ Of these 4 are within the southern extended limits, which
is to be discussed under side heading No. 28

26 CONTROL:

The horizontal control appearing on the Map Drawing for Survey No. T-8009 consists of 58 stations. Of these 23 are U. S. Coast and Geodetic Survey triangulation stations, one of which has been identified by a Field Inspection Point; 31 are U. S. Engineers triangulation stations, 8 of which have been identified by Field Inspection Points; and 4 are Maine State Traverse Stations, which are also bench marks. All of the triangulation and traverse stations have been shown on the Map Drawing with the conventional triangulation symbol, while the Field Inspection Points have been shown with small black acid ink squares.

All of the 58 horizontal control stations listed below lie within the detail limits of the Map Drawing, there being no horizontal control stations just outside the detail limits of the Map Drawing.

23 U. S. Coast and Geodetic Survey triangulation stations

- ✓ CRESCENT BEACH, STEEL BEACON, 1911, r.1943
- ✓ NORTH'S HOUSE CHIMNEY, 1860, r.1943
- ✓ P.H. 1911, r.1943
- ✓ CROSS, 1911, no recovery in 1943
- ✓ POST HILL, D, STEEL BEACON, 1934, r.1943
- ✓ ONE, 1905, no recovery in 1943
- ✓ TEN, 2, 1911, no recovery in 1943
- ✓ SHAG ROCK BEACON, 1934, r.1943
- ✓ HILL, 1905, no recovery in 1943
- ✓ OWLS HEAD LIGHTHOUSE, 1858, 1934, r.1943
- ✓ SHEEP ISLAND, STEEL BEACON, 1911, 1934, r.1943
- ✓ A, MONROE ISLAND, STEEL BEACON, 1911, 1934, r.1943
- + ✓ INGRAHAM HILL, 1859, 1934, r.1943
- ✓ B, 1911, not visited in 1943
- ✓ INNER SOUTH BEACON, 1905, r.1943 (F.I.P. "Sou")
- ✓ RED SCHOOL HOUSE, CHIMNEY, 1859, r.1943
- ✓ ROCKLAND CATHOLIC CHURCH, 1859, r.1943
- ✓ ROCKLAND UNIVERSALIST CHURCH SPIRE, 1911, r.1943
- ✓ ROCKLAND METHODIST CHURCH, 1859, r.1943
- ✓ ROCKLAND, FIRST CHURCH OF CHRIST SCIENTIST, 1934, r.1943
- ✓ ROCKLAND BREAKWATER LIGHTHOUSE, 1902, r.1928, r.1934, r.1943

TBM 1
3
4 0

26 CONTROL: (Continued)

JAMESON POINT, SAMOSET HOTEL, WATER TANK, 1934, r.1943
SAMOSET HOTEL CUPOLA POLE, 1902, r.1943

31 U. S. Engineers triangulation stations

*OLD P (U.S.E.), r.1943
✓ OLD D (U.S.E.), r.1943 (F.I.P. "Set")
✓ *S (U.S.E.), r.1943
✓ J (U.S.E.), r.1943 (F.I.P. "Jig")
✓ SOUTH BREAKWATER (U.S.E.), r.1943 (F.I.P. "Sou")
✓ *W (U.S.E.), r.1943
✓ *III (U.S.E.), r.1943
✓ S. TILLSON (U.S.E.), no recovery in 1943
✓ LOON (U.S.E.), r.1943
✓ H (U.S.E.), r.1943
✓ *G (U.S.E.), r.1943
✓ LANDING (U.S.E.), r.1943
✓ N. TILLSON (U.S.E.), no recovery in 1943
✓ U (U.S.E.), r.1943
✓ P (U.S.E.), r.1943 (F.I.P. "Bick")
✓ *O (U.S.E.), r.1943
✓ *Q (U.S.E.), r.1943
✓ R (U.S.E.), r.1943
✓ V (U.S.E.), r.1943
✓ N-I (U.S.E.) r.1943
✓ *I (U.S.E.), r.1943
✓ A (U.S.E.), r.1943 (F.I.P. "Lim")
✓ II (U.S.E.), r.1943 (F.I.P. "Sam")
✓ UNDERWOOD (U.S.E.), no recovery in 1943
✓ *SPINDLE (U.S.E.)
✓ *INNER POINT LEDGE (U.S.E.), r.1943
✓ NORTH BREAKWATER (U.S.E.), r.1943 (F.I.P. "Nor")
✓ X (U.S.E.), no recovery in 1943
✓ NH HAVEN (U.S.E.), r.1943 (F.I.P. "Hav")
✓ T (U.S.E.), r.1943
✓ *T-1 (U.S.E.), r.1943

4 Maine State traverse stations, which are also bench marks

✓ Monument No. 194, 1934-35, r.1943
✓ Monument No. 195, 1934-35, r.1943

26 CONTROL: (Continued)

- ✓ Monument No. 196, 1934-35, r.1943
- ✓ Monument No. 197, 1934-35, r.1943

*Stations recovered by the Field Inspection Sub-Party but not identified. They were not used to control the radial plot.

**For a discussion of this station see side heading No. 35.

- + Station was identified by an F.I.P. Field Inspection data were inadequate. Position of F.I.P. could not be computed, and therefore could not be used to control the radial plot.

A copy of the "Identification Report" of the horizontal control for the area of Survey No. T-8009, as furnished by the Field Inspection Party, is submitted herein.

27 RADIAL PLOT:

An individual plot was laid for the area of Survey No. T-8009. No celluloid templates 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, incl., and T-8007 to T-8011, incl., included as an appendix to the descriptive report for Map Drawing, Survey No. T-8002, previously submitted.

28 DETAILING:

The Map Drawing for Survey No. T-8009 has been compiled in accordance with instructions, and detailed from metal mounted nine lens photographs, supplemented by the field inspection data.

The southern detail limit of the Map Drawing has been extended in two places to include the southern portions of

Detail transferred to T-8008

28 DETAILING: (Continued)

Cutters Nubble, Emery Island, and Sheep Island. The extended limits have been shown with a red acid ink line on the dull side of the Map Drawing.

The number of photographs covering Survey No. T-8009 was sufficient for office detailing. The field inspection data were adequate with the exceptions which are to be mentioned in subsequent paragraphs of this report. It was unnecessary to use the vertical projector for detailing as the scales of the photographs and of the Map Drawing were in good agreement.

The main bodies of water appearing within the detail limits of the Map Drawing are Rockland Harbor, Owls Head Bay, and a portion of West Penobscot Bay. The shore line is bordered for the most part by rock bluffs with occasional sand or gravel beaches or wooded dirt bluffs. The land area is, in general, wooded, with some cultivated areas, a village, and a city. Near the southern limit of the Map Drawing within, and just north and west of the Navy property, there were no field inspection data pertaining to the classification of the tree and brush areas. The trees and brush in this area have been detailed in accordance with office examination of the photographs, and shown in full with the conventional symbols, no classification being noted on the Map Drawing.

Since the field inspection data pertaining to the drainage within the area of Survey No. T-8009 were inadequate, several streams were detailed in accordance with information obtained by stereoscopy.

The village of Owls Head and the major portion of the City of Rockland have been shown on the Map Drawing. A portion of the City of Rockland has been considered a congested urban district, the limits of which have been shown with a ^{blue} translucent ink line on the glossy side of the Map Drawing, accompanied by a pertinent note.

28 DETAILING: (Continued)

Within this area the streets have been detailed in full. All street names shown on the Map Drawing have been taken from the field inspection data. The town line of Rockland was taken from "Maine, General Highway Maps" and the field inspection data, and has been shown on the Map Drawing with a long and short dashed light-weight black acid ink line, accompanied by pertinent notes. The portion of the Rockland town line falling within the detail limits of Map Drawing, Survey No. T-8010 has been shown on the glossy side of the Map Drawing for Survey No. T-8009 with a long and short dashed red translucent ink line accompanied by pertinent notes. This line is to be transferred to Map Drawing, Survey No. T-8010, on which it was not shown because the decision to show the town limits was not made until after that Map Drawing had been submitted.

*It has been
transferred to
T-8010*

Public buildings within the congested urban district and all buildings outside of this district, except those not visible on any of the photographs and small outbuildings, have been shown on the Map Drawing with the conventional symbol, accompanied by pertinent notes where necessary.

All roads that are not detailed in full are to be considered 0.6mm. in width. All roads have been classified and labeled in accordance with the field inspection data. The approximate position of a new road was outlined on field inspection photograph No. 7342 by the Field Inspection Sub-Party. It has been detailed on the Map Drawing from this information and shown with a dashed black acid ink line accompanied by a pertinent note.

The radially plotted positions of temporary hydrographic stations, recoverable topographic stations, and minor detail points, considered relatively strong, have been shown on the glossy side of the Map Drawing with small single blue ink circles, while the relatively weak positions of such points have been shown with small green ink circles.

No overlay sheet was considered necessary as all pertinent notes have been lettered on the Map Drawing.

28 DETAILING: (Continued)

An explanatory list of the abbreviations used in detailing has been lettered just outside the eastern detail limit of the Map Drawing.

29 SUPPLEMENTAL DATA:

One geographic name, "Lermond Cove," and the positions of two rock ledge areas in Rockland Harbor have been taken from a U. S. Engineers white print of Rockland Harbor, Maine, File No. 442 D-8-4, dated October 15, 1936. The approximate limits of the rock ledge areas have been shown on the glossy side of the Map Drawing with a dashed red translucent ink line.

30 MEAN HIGH-WATER LINE:

The Mean High-Water Line (firm ground) has been detailed in accordance with the data submitted by the Field Inspection Sub-Party, and shown on the Map Drawing with a full heavy-weight black acid ink line.

The outer limits of marsh areas bordering the Mean High-Water Line have been shown on the Map Drawing with a full light-weight black acid ink line, accompanied by the conventional marsh symbol. The outer limits as shown, were visible on the photographs which were taken at a stage of tide 2.0 ft. above Mean High-Water.

31 LOW-WATER AND SHOAL LINES:

No part of the Mean Low-Water Line has been shown, since it was not identified by the Field Inspection Sub-Party, and could not be detailed from office interpretation of the photographs.

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.

32 DETAILS OFFSHORE FROM THE HIGH-WATER LINE:

Rocks, reefs, piling, a fish trap, granite cribbing, the approximate positions of two mooring areas and of three wrecks, and any other offshore features appearing on the Map Drawing, have been detailed in accordance with the field inspection data, and shown with the conventional symbols, accompanied by pertinent notes.

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:

All wharves, piers, retaining walls, marine railways, and all other shore line structures have been detailed in accordance with the field inspection data and shown with the conventional symbols, accompanied by descriptive notes.

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

Two of/five landmarks within the detail limits of the Map Drawing have been shown with the conventional triangulation symbol, accompanied by the note "Landmark." These two, "Spire" (Triangulation station ROCKLAND UNIVERSALIST CHURCH, 1911, r.1943) and "Tank" (Triangulation station JAMESON POINT, SAMOSET HOTEL, WATER TANK, 1934, r.1943), have been previously charted. Since their positions have been previously determined by triangulation by the Bureau, Form 567 will not be submitted.

"Radio Mast, N.E." (Recoverable topographic station No. 4499), "Radio Mast, S.W." (Recoverable topographic station No. 4500), and "Spire, Church" (Recoverable topographic station), have been recommended as landmarks and are to be charted. The positions of these three landmarks were determined by radial intersection on Feb. 19, 1944, and shown on the Map Drawing with $2\frac{1}{2}$ mm. black acid ink circles accompanied by the note "Landmark". Form 567 (to be charted) has been submitted.

Radio masts are charted, see Chart #320

* *Littlefield Free Baptist Church*

34 LANDMARKS, FIXED AIDS TO NAVIGATION, AND AERONAUTICAL AIDS: (CONT'D.)

One uncharted and eleven charted fixed aids to navigation, are within the area of Survey No. T-8009.

The eleven charted fixed aids to navigation are as follows:

- *Target (Triangulation station CRESCENT BEACH, STEEL BEACON, 1911, r.1943)
- **Dodge Point Ledge Beacon (Recoverable topographic station)
- † † Emery Island Beacon (Recoverable topographic station)
- **Monroe Island Light (Recoverable topographic station)
- *Target (Triangulation station A, MONROE ISLAND, STEEL BEACON, 1911, 1934, r.1943)
- *Owls Head Lighthouse (Triangulation station OWLS HEAD LIGHTHOUSE, 1858, 1934, r.1943)
- *Target (Triangulation station POST HILL, D, STEEL BEACON, 1934, r.1943)
- *Rockland Breakwater Lighthouse (Triangulation station ROCKLAND BREAKWATER LIGHTHOUSE, 1902, r.1928, r.1934, r.1943)
- † Seal Ledge Beacon (U. S. Engineers triangulation station, SPINDLE, (U.S.E.) and recoverable topographic station)
- *Shag Rock Beacon (Triangulation station SHAG ROCK BEACON, 1934, r.1943)
- *Target (Triangulation station SHEEP ISLAND, STEEL BEACON, 1911, 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.

**Positions have been redetermined by the radial plot and shown on the Map Drawing with $2\frac{1}{2}$ mm. black acid ink circles, accompanied by their names and the note "Fixed aid to navigation." Form 567 has been submitted for charting. *Filed under Chart Letter #499-1142 Nakh, Charts Sec.*

† Position checked by sextant fix location. Form 567 has been submitted. The facts concerning this station are to be fully brought out under side heading No. 35.

† † Shown with $2\frac{1}{2}$ mm. black acid ink circle. Position determined by sextant fix location. Form 567 has been submitted.

34 LANDMARKS, FIXED AIDS TO NAVIGATION, AND AERONAUTICAL AIDS: (CONT'D.)
(at Henderson Point)

"Inner South Beacon" (Triangulation station INNER SOUTH BEACON, 1905, r.1943) is an uncharted fixed aid to navigation, the position of which has been submitted on Form 567 to be charted. It has been shown on the Map Drawing with the conventional triangulation symbol, accompanied by the note "Fixed aid to navigation."

*Ch. Letter
No 499(1944)*

There were no aeronautical aids recommended for the area of Survey No. T-8009.

35 HYDROGRAPHIC CONTROL:

The recommended hydrographic control for the area of the Survey, including the area within the southern extended limit, consists of 131 temporary hydrographic stations and 17 recoverable topographic stations. The positions of all of these stations have been determined by the radial plot and shown on the Map Drawing with 2 $\frac{1}{2}$ mm. black acid ink circles, except as noted in subsequent paragraphs.

*4 stations
transferred
to T-8008*

The numbers of the temporary hydrographic stations and the numbers and names of the recoverable topographic stations have been lettered on the Map Drawing. A tabulated list of the numbers and descriptions of the temporary hydrographic stations and of the numbers, names and descriptions of the recoverable topographic stations, is being submitted with this report. Two additional copies of the list are being submitted for possible use of hydrographic parties. The recoverable topographic stations have been identified by the note "Recoverable topographic station" lettered on the Map Drawing.

Form 524 is being submitted for the following 17 recoverable topographic stations:

<u>No.</u>	<u>Name</u>
2745	White Flagpole
2801	Monroe Island Light (Fixed aid to navigation)
2804	Dodge Point Ledge Beacon (Fixed aid to navigation)
4472	Galvanized Ventilator - Red Barn

35 HYDROGRAPHIC CONTROL: (Continued)

<u>No.</u>	<u>Name</u>
4499 4	Radio Mast, N.E. (Landmark)
4500 5	Radio Mast, S.W. (Landmark)
	*Emery Island Beacon (Fixed aid to navigation)
	Windmill
	East Gable of Barn
	Tidal Bench Mark No. 4, 1911, Owls Head, Pen-
	obscot Bay
4	Dome, Knox County Courts
7	Rockland Baptist Church 2
8	Rockland Congregational Church 2
	Chimney, Tall, Laundry
	Spire, Church (Landmark)
	Chimney on White House
	**Seal Ledge Beacon (Fixed aid to navigation)

*Position of this station determined by sextant fix location furnished by the Field Inspection Sub-Party and submitted herein.

**The U. S. Engineers triangulation station "Spindle (U.S.E.)" was plotted on the Map Drawing from grid coordinates furnished by the U. S. Engineers. No geographic position was available for this station. However, the Field Inspection Sub-Party submitted a sextant fix location for Seal Ledge Beacon. These data proved that the Seal Ledge Beacon is the same as the U. S. Engineers triangulation station "Spindle (U.S.E.)". The station has been shown on the Map Drawing with a triangulation symbol. Since no geographic position was available, Form 524 has been submitted. The sextant fix location for this beacon is submitted herein.

36 LANDING FIELDS:

The northern portion of a Naval Airport which was under construction in 1943, appears near the southern detail limit of the Map Drawing. The Field Inspection Sub-Party did not delineate the limits of the Naval Airport on the field inspection photographs. Since no data were available, it was impossible to define the limits of the airport.

37 JUNCTIONS:

Junctions of shore line and interior details were made with Map Drawings, Surveys Nos. T-8010 to the north, T-8008 to the south, and T-8000 to the west. They are in agreement.

The only junctions of details to be considered with Map Drawing, Survey No. T-8024 to the east, are those of a cable crossing area, the remaining area involved being all water. The cable crossing had not, as of the date of this report been shown on Map Drawing, Survey No. T-8024. The junction of the afore-mentioned details, therefore, will be discussed in the descriptive report for Map Drawing, Survey No. T-8024 after the compilation of that Survey has been completed.

Cable crossing area is not to be shown. Therefore junction is OK.

38 GEOGRAPHIC NAMES:

No geographic name investigation was made for the area of Survey No. T-8009 by the Field Inspection Sub-Party. The geographic names appearing on the Map Drawing are in accordance with data obtained from the best known sources available for use by the Baltimore Compilation Office.

An alphabetical list of the geographic names pertaining to the area of the Survey, is submitted herein. Only one of the names was disputed.

39 BRIDGES:

One highway bridge and two foot bridges have been shown on the Map Drawing with the conventional symbols, accompanied by pertinent notes. The highway bridge is approximately 0.5 mile southwest of Crescent Beach. The two foot bridges are approximately 0.5 mile north of the north end of the Rockland breakwater.

40 CABLE CROSSING AREA:

The cable crossing areas, which have been shown on the Map Drawing with dashed red acid ink lines accompanied

} Removed

40 CABLE CROSSING AREA: (Continued)

by pertinent notes, have been detailed from Charts No. 320 and 310 by means of the vertical projector.

41. RECOMMENDATIONS FOR FUTURE SURVEYS:

The positions of the planimetric detail appearing on the Map Drawing are believed to be within the limits of satisfactory accuracy. Since the compilation is complete in all details of importance, no additional surveys are recommended.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

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

Since the scale difference between the Map Drawing and the above-mentioned quadrangle was very large, comparison of small planimetric details could not be readily made. By visual comparison, however, the following differences were apparent:

- *More roads have been shown on the Map Drawing
- *A new road appears on the Map Drawing in its approximate position
- *The location of common roads is in disagreement

An electric railroad from Crescent Beach north toward Rockport, has not been shown on the Map Drawing. It is believed that this feature no longer exists, because it was not identified by the Field Inspection Sub-Party, and because its image was not visible on any of the photographs.

- *The shore line as shown on the Map Drawing, is more irregular
- *The drainage, in general, is in disagreement
- *A large cemetery N. E. of Rockland has been shown on the Map Drawing
- *Several small piers do not appear on the quadrangle

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES: (Continued)

*A few rocks that appear on the quadrangle west of Cutters Nubble have not been shown on the Map Drawing

*These differences also apply to Nautical Chart No. 320.

45 COMPARISON WITH NAUTICAL CHARTS:

Chart No. 320, scale 1:20,000, published at Washington, D. C., July 1937, reissued April 1939, corrected to February 19, 1944.

A large cemetery at Blackinton Corners has been shown on the Map Drawing.

More buildings have been shown on the Map Drawing.

More rocks awash appear on the chart. The images of the majority of the rocks awash were not visible on any of the photographs. For the most part, no field inspection data were submitted for the identification of these rocks.

A fishtrap southeast of Crescent Beach has been shown on the Map Drawing.

Areas of rock ledge appear on the chart along the portions of the shore line and between Sheep and Monroe Islands. The limits of these areas do not appear on the Map Drawing because they could not be determined from the photographs or from the field inspection data.

The approximate positions of four wrecks that do not appear on the chart, have been shown on the Map Drawing, one at approximately Latitude $44^{\circ} 05' 02''$ and Longitude $69^{\circ} 05' 50''$, a second at approximately Latitude $44^{\circ} 03' 55''$ and Longitude $69^{\circ} 05' 15''$, and a third at approximately Latitude $44^{\circ} 06' 25''$ and Longitude $69^{\circ} 06' 25''$, and a fourth at approximately Latitude $44^{\circ} 05' 35''$ and Longitude $69^{\circ} 06' 20''$.

South Ledge at approximately Latitude $44^{\circ} 06' 10''$ and Longitude $69^{\circ} 05' 20''$, Owls Head Ledge S. E. of Owls Head Lighthouse, Sheep Island Bar just west of Sheep Island, and

45 COMPARISON WITH NAUTICAL CHARTS: (continued)

Spears Rock at approximately Latitude $44^{\circ} 05' 35''$ and Longitude $69^{\circ} 04' 30''$, have not been shown on the Map Drawing because they could not be identified on the photographs, and because no field inspection data were submitted for such features.

For other differences see side heading No. 44.

Respectfully submitted:
July 11, 1944

Mary Katherine Olthouse
Mary Katherine Olthouse
Photogrammetric Aid

Compilation and Descriptive
Report Reviewed by:

Harry R. Rudolph
Harry R. Rudolph
Sr. Photogrammetric Aid

Supervised by:

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

Approved and Forwarded:
July 14, 1944

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

GEOGRAPHIC NAMES

Undisputed

- | | |
|--------------------------|------------------------------------|
| ✓ • Atlantic Point • | ✓ • Monroe Island • |
| ✓ • Battery Point • | ✓ • Owls Head • |
| ✓ • Blackinton Corners • | ✓ • Owls Head (village) • |
| ✓ • Broad Cove • | ✓ • Owls Head Bay • |
| ✓ • Crescent Beach • | ✓ • Owls Head Harbor • |
| ✓ • Crockett Point • | *Owls Head Ledge ✓ |
| ✓ • Cutters Nubble • | ✓ • Post Hill • |
| ✓ • Deep Cove • | ✓ • Rockland (City) • |
| ✓ • Dodge Point • | ✓ • Rockland Harbor • |
| ✓ • Dodge Point Ledge • | ✓ • Seal Ledge • |
| ✓ • Emery Island • | ✓ • Shag Rock • |
| ✓ • Hendrickson Point • | ✓ • Sheep Island • |
| ✓ • Holiday Beach • | *Sheep Island Bar ✓ |
| ✓ • Ingraham Hill • | *South Ledge ✓ |
| ✓ • Jameson Point • | *Spears Rock ✓ |
| ✓ • **Lermond Cove • | ✓ • ***West Penobscot Bay • |
| ✓ • Lowell Ledge • | |

*These geographic names fall within the area of Survey No. T-8009 but have not been shown on the Map Drawing because no data were submitted for them by the 1943 Field Inspection Sub-Party and because the images of such features to which they pertain were not visible on any of the photographs.

**This geographic name has been taken from a U. S. Engineers white print of Rockland Harbor Maine, File No. 442 D-8-4, dated October 15, 1936.

***Called Penobscot Bay on U. S. Coast and Geodetic Survey Chart No. 320; called West Penobscot Bay in "Coast Pilot" edition of 1941, on Chart No. 1203, on U. S. Geological Survey Quadrangle (Rockland, Maine, (15')), and in "Light List, Atlantic and Gulf Coasts of the United States", 1944 edition.

*(Pending with U.S.B.G.N.)
no discussion of 4/6/49 - L. Hack
Geog. Names Sect.
K.H.M.*

- ✓ • U.S. No 1. •
- ✓ • State 17 •
- ✓ • Rockland Breakwater •

✓ • Maine Central •

Names preceded by • are approved. L. Hack 10/1/47

GEOGRAPHIC NAMES

Sextant Fix Locations for the Area of
Survey No. T-8009

Emery Island Beacon

Spindle E. of Emery Island 25' above H. W.
Cask on end on black wooden spindle.

No. of temporary hydrographic station	Angle
2738	49° 29'
2737	
2729	63° 41'
2738	18° 26'
2739	

Seal Ledge Beacon

Cask on end on black iron spindle. Top is 20'
above High-Water. Spindle is leaning 30° from vertical
position.

	Angle
Breakwater L. H.	27° 17'
Samoset Water Tank	
Littlefield Free Baptist Church Spire	22° 51'
Temporary hydrographic station	
No. 2832	77° 47'
Breakwater Lighthouse	

The above data were furnished by the 1943 Field
Inspection Sub-Party.

IDENTIFICATION REPORT
OF THE HORIZONTAL CONTROL FOR
THE AREA OF SURVEY NO. T-8009

Crescent Beach, Steel Beacon, 1911. Recovered. Pricking positive.
*North's House Chimney, 1860. Not identified. Pricking positive.
*P.H. 1911. Not found.
Cross, 1911, Not recovered.
Post Hill, D, Steel Beacon, 1911. Recovered. Pricking positive.
One, 1905. Not recovered.
Ten, 2, 1911. Not recovered.
Shag Rock Beacon, 1934. Recovered. Pricking positive.
*Hill, 1905. Not found.
Owls Head Lighthouse, 1858. Recovered. Pricking positive.
Sheep Island, Steel Beacon, 1911. Recovered. Pricking positive.
A, Monroe Island, Steel Beacon, 1911. Recovered. Pricking positive.
*Ingraham Hill, 1859. Recovered. Pricking may be off several meters,
due to magnetic azimuths.
B, 1911. (no data)
Inner South Beacon, 1905. Recovered. Pricking positive.
Red School House, Chimney, 1859. Not identified. Pricking positive.
*Rockland Catholic Church, 1859. Not identified. Pricking positive.
Rockland Universalist Church Spire, 1911. Recovered. Pricking positive.
Rockland Methodist Church, 1859. Not identified. Pricking positive.
Rockland, First Church of Christ Scientist, 1934. Not identified,
pricking positive.
Rockland Breakwater Lighthouse, 1902. Recovered. Pricking positive.
Jameson Point, Samoset Hotel, Water Tank, 1934. Recovered.
Pricking positive.
*Samoset Hotel Cupola Pole, 1902. Not identified. Pricking positive.
Old P (U.S.E.) Recovered. Not pricked on photographs.
Old D (U.S.E.) Recovered. Pricking positive.
S (U.S.E.) Recovered. Not pricked on photographs.
J (U.S.E.) Recovered. Pricking positive.
South Breakwater (U.S.E.) Recovered. Pricking positive.
W (U.S.E.) Recovered. Not pricked on photographs.
III (U.S.E.) Recovered. Not pricked on photographs.
S. Tillson (U.S.E.) Not recovered.
Loon (U.S.E.) Recovered. Pricking positive.
H (U.S.E.) Recovered. Pricking positive.
G (U.S.E.) Recovered. Not pricked on photographs.
Landing (U.S.E.) Recovered. Pricking positive.
N. Tillson (U.S.E.) Not recovered.
U (U.S.E.) Recovered. Pricking positive.
P (U.S.E.) Recovered. Pricking positive.

IDENTIFICATION REPORT (Continued)

O (U.S.E.) Recovered. Not pricked on photographs.
Q (U.S.E.) Recovered. Not located on photograph
R (U.S.E.) Recovered. Pricking positive.
V (U.S.E.) Recovered. Pricking positive.
N-I (U.S.E.) Recovered. Pricking positive.
I (U.S.E.) Recovered. Not located on photographs.
A (U.S.E.) Recovered. Pricking positive.
II (U.S.E.) Recovered. Pricking positive.
Underwood (U.S.E.) Not recovered.
† Spindle (U.S.E.) (Position checked by sextant fix location)
Inner Point Ledge. Recovered. Not pricked on photographs.
North Breakwater (U.S.E.) Recovered. Pricking positive.
X (U.S.E.) Not recovered. Probable site not located on photograph.
NH Haven (U.S.E.) Recovered. Pricking positive.
T (U.S.E.) Recovered. Pricking positive.
T-1 (U.S.E.) Recovered. Not pricked on photographs.

Monument No. 194 Recovered. Pricking positive.
Monument No. 195 Recovered. Pricking positive.
Monument No. 196 Recovered. Pricking positive.
Monument No. 197 Recovered. Pricking positive.

*See recovery card

† The facts concerning this station have been fully brought out under side heading No. 35

Oct. 31, 1943

Lieut. Comdr. Henry O. Fortin

COAST OF MAINE
Project No. CS-272
Part of Sub-Project No. CS-272-C
WEST PENOBSCOT BAY - ROCKLAND HARBOR
OWLS HEAD BAY

List of the names, numbers, and descriptions
of the recoverable topographic stations, and the
numbers and descriptions of the temporary hydro-
graphic stations appearing on Map Drawing, Survey
No. T-8009.

Number of temporary hydrographic stations	131 - 4 transferred to F 8008
Number of recoverable topographic stations *	17
Total number of stations	148

* Four of these are fixed aids to navigation
Three are landmarks

Listed by: Mary Katherine Olthouse
Mary Katherine Olthouse

Checked by: Ruth M. Whitson
Ruth M. Whitson

2734 Top of ledge that has overhanging edge towards shore, off point that has a large group of spruce trees. (This station lies within the extended limits of the Map Drawing.)

*Transferred to T-8008
report. Falls within limits
of T-8008.*

- 2736 E. tip of grass on rounding point. Has a fallen barn in-shore of it.
- 2737 N. E. corner of pier, extends 300 feet from shore.
- 2738 S. gable of gray house with blue trimmings. Has flag pole in front of it.
- 2739 Top of lone boulder in clump of seaweed. Has flat like top. (This is known as the Roosevelt Rock for it really looks like the present President.)
- 2740 Top of jagged rock off point. Point has small shack on tip of it. Has pointed top. S. end of Sheep Island.
- 2740A. Base of 50' flag pole at Crescent Beach.
- 2741 N. Tip of ledge of N. end of Emery Island at High-Water Line.
- 2742 Top of S. end of ledge quite near shore. Has little yellow and green cottage back of it.
- 2743 Small brown boulder near grassline. Reef extends out in water about 100'. Gray boulder quite near it.
- 2744 Small lone spruce at grassline. S. of a tall spruce. Tall spruce is beside a set of stairs going to the shore.
- 2745 "White Flagpole." The station is a white flag pole in front of grayish house with white trimming. Sign on house is "Ida Franklin." This is the first house on the corner after reaching the beach and turning N., or to the left. (Recoverable topographic station.)
- 2746 E. gable of yellow house with flag pole on shore end of roof.
- 2747 Lone spruce tree 2 meters back from grassline.

- 2748 S. gable of big white house. 9 windows and 1 door in shore end of house.
- 2749 S. tip of clump of alders at end of field near grassline. Large white house with green trimmings at end of field.
- 2750 Highest point of offshore ledge. There is a white house called Ocean House at the N. W. of it.
- 2751 Lone spruce on point. White house behind it.
- 2752 S. E. gable of red house at end of pier.
- 2753 Closest of group of spruces to the water. They are surrounded by a group of alders. Unpainted barn with red door in field behind them.
- 2780 Lone 20' spruce tree on N. E. end of Sheep Island. (base pricked.)
- 2781 20' lone spruce on Sheep Island. The tree is at W. end of bare bank. It is very bushy. (base pricked.)
- 2782 Tip of ledge farthest offshore. Has yellow stripe on N. side. Ledge is in N. E. side of bight on E. side of Sheep Island.
- 2783 Tip of ledge in bight on E. side of Sheep Island. Larger ledge to S. has big yellow mark on side.
- 2784 Tip of largest of two boulders in slight bight on N. side of Cutters Nubble.
- 2785 Base of spruce tree on shore, bare bank back of it, on S. E. side of Sheep Island, to S. E. of open place in trees. (~~This station lies within the extended limits of the Map Drawing.~~)
- 2786 Tip of ledge on S. tip of Sheep Island. Has yellow streak on side 2' from top. Ledge is connected to shore by narrow strip of ledge. (~~This station lies within the extended limits of the Map Drawing.~~)
- 2787 Base of lone 15' spruce tree in bight on S. W. side of

Falls within
limits of 7-8008
Description
transferred
to 7-8008 report.

island. Has bushes surrounding it on shore side.

- 2788 Top of ledge on N. W. side of bight. Farthest from shore of all the ledge and rocks. Has sort of flat top. (~~This station lies within the extended limits of the Map Drawing.~~)

Transferred to
T-8008 Desc.
report.

- 2789 Base of 20' spruce in bight on W. side of Sheep Island 3' from grassline, on side of small sloping bank.
- 2790 Top of large ledge on N. side of Sheep Island, east of grass patch on rock.
- 2791 Highest part of ledge on N. side of Sheep Island. It is larger than ledge described in Signal 2790.
- 2792 Tip of pinnacle on ledge that runs from shore 20'. Is light on top; back of it slopes down; connected to the High-Water Line by narrow strip of ledge on S. side of Monroe Island.
- 2793 Top of gray boulder in middle of bight on S. side of Monroe Island 2' from grassline. Lies almost under spruce tree.
- 2794 Top of ledge on S. tip of Monroe Island. Is 1' from grassline.
- 2795 Top of offshore rock, debris on beach behind it, old lobster traps, etc. Is on W. side of Monroe Island. Another smaller rock is directly behind it.
- 2796 Top of end rock on end of ledge. Smaller rock in front of it, on W. side of Monroe Island.
- 2797 Top of offshore boulder on W. side of Monroe Island. Another offshore boulder south of it.
- 2798 Top of rock that is connected to shore. It is about 15 meters W. of gray colored ledge on W. side of Monroe Island.

- 2799 Base of little 1' spruce tree on ledge, on east tip of prominent point E. side of Monroe Island.
- 2800 High point of ledge on E. side of Monroe Island. It has a jagged top. Is 75' from grassline.
- 2801 "Monroe Island Light." The station is the light on white skeleton tower, located on E. side of Monroe Island. (Recoverable topographic station and fixed aid to navigation.)
- 2802 Tip of brush behind crevice in ledge. There is a rock in back side of crevice, that is standing on end and has black spot on it.
- 2803 Top of gray rock on Southeast side of Monroe Island. There is a ledge that comes out in front of it. Station is back of ledge almost to brush line.
- 2804 "Dodge Point Ledge Beacon." The station is the black cylindrical cage on top of iron spindle. (Recoverable topographic station and fixed aid to navigation.)
- 2805 S. gable of white house with plain roof, has chimney on one end. Southernmost house on Dodge Point.
- 2806 Highest point of brown rock. White house S. W. of rock, S. W. of Owls Head and N. E. of Dodge Point. Small light rock on ledge directly behind it.
- 2807 Top of bell house on Owls Head. Is 20' high and has red base.
- 2808 Highest part of brown rock on point S. W. from Owls Head Light. Is at end of point.
- 2809 N. tip of grass on reef. Is connected to shore by narrow strip of narrow rocks. Two telephone poles on mainland behind it.
- 2810 W. tip of ledge at high-water. Has some small gray boulders in behind it. It is on E. side of Deep Cove.
- 2811 Tip of high ledge, comes out at point. Ledge behind it is very much lower, has grass on it, on E. side of Deep Cove.

- 2812 Top of ledge on E. side of Deep Cove; is light on N. side and dark on S. side; group of spruce trees on bank behind it.
- 2813 Base of lone 20' spruce tree at head (S.W.) of Deep Cove on W. side. Lies 20' from grassline in little opening.
- 2814 Highest part of ledge on W. side of Deep Cove. There is an opening in trees 20' to N. of it.
- 2815 Top of gray rock on W. side of Deep Cove at its entrance. There is a knife-edged ledge running almost straight with rock. Lone 20' spruce 2 meters S. of inshore end of ledge.
- 2816 Base of tallest spruce tree on point west of entrance to Deep Cove. There is a bight just W. of signal.
- 2817 Top of large rock on point N. of bight. Large house way back on point.
- 2818 N. W. corner pier at end of swimming pool, on N. side of Broad Cove.
- 2819 S. gable of yellow two-story house, has chimney, dormer and fire escape on W. side. (Home for mentally deranged.)
- 2820 Base of 20' birch tree in N. E. side of Broad Cove. It forks 5' from top. 10' from grassline.
- 2821 W. tip of grass on highest ledge on S. E. side of Broad Cove. Has white stripe on N. side of ledge.
- 2822 Base of tallest spruce tree directly in front of house in head of Broad Cove. Tree is 20' tall.
- 2823 W. tip of green brush at E. side of creek.
- 2824 N. gable of unpainted barn. Has boarded up window on shore side; is way back in field.
- 2825 Top of broken off piece of ledge on W. side of Broad Cove. Small birch tree lies at the head of it.

- 2826 Top of gray boulder in bight. There is a white rock behind it and it is at the shore directly in front of an open place in trees.
- 2827 N. tip of ledge at high-water, 8 meters east of center of line (extended) of house.
- 2828 Tip of ledge at high-water, 75 meters E. of gravel beach.
- 2829 N. tip of vegetation on point, plain shingle house in field back of point, on east side of harbor.
- 2830 N. E. gable of plain house. Has porch on front and side; white trimmings, dormer in roof with two windows.
- 2831 Base of crooked 20' birch tree. Is 1' from grassline on E. side of Rockland Harbor.
- 2832 E. gable of white one-story house. Has dark roof with white ridge pole running E.-W. Has lot of windows.
- 2833 Top of N. end of largest rock on point. White house with brown trimmings and green roof on point behind rock.
- 2834 Base of 40' flag pole 15 meters from bare bank, in front of white house with 4 dormers on E. side.
- 2835 Top of chimney on small white house with blue trim. Chimney has blue tip. House has white ridge pole running N.-S; flag pole to E. of cottage.
- 2836 Top of white boulder, has rather round top, 2 meters from grassline in middle of two lines of bushes running E.-W; large field in middle.
- 2837 Top of large brown boulder on W. side of cove, on High-Water Line.
- 2838 Top of brown boulder on W. side in head of cove. Boulder is farthest in head of cove.
- 2838A. N. E. gable $1\frac{1}{2}$ story white house near head of cove.

- 2839 E. gable of small white shed. Unpainted shingle roof. On E. side in head of cove, 30 meters from water line.
- 2840 Top of black rock at High-Water Line; several tall deciduous trees along rocky bank N. E. of it.
- 2841 Top of boulder in between two ledges, on E. side of cove at High-Water Line, surrounded by sea grass.
- 2842 Base of lone bush, S. E. from granite wharf, in small field.
- 2843 N. E. corner of old pier. Has no floor, top of piling. W. of Snow Shipyard.
- 2844 S. gable of one story house with light shingle roof, red chimney in middle. S. end is green with horizontal white stripe. W. from Snow Shipyard.
- 2845 S. W. corner of retaining wall W. of westernmost marine railway in Snow Shipyard.
- 2846 S. gable of white shed on wharf in Snow Shipyard, high window on S. side.
- 2847 S. E. top of pilings on wharf; southerly long pier in Snow Shipyard.
- 2848 N. E. corner of top of piling on 15' granite piling coming out from N. side of wharf described in signal 2847.
- 2849 E. gable of plain building on pier; has faded green trim, tar paper roof.
- 2850 Tip of piling on south end of retaining wall; lobster shack to N. of it; small marine railway to S. of it.
- 2851 N. E. corner of retaining wall. Wharf behind retaining wall has green house on it.
- 2852 Top of brown rock in E. side of Rockland Harbor, gas tanks to south of it, 1 large tank 2 small ones.

- 2853 Top of smoke stack on sardine factory, is black 2' from top. Building has "Rockland" on it.
- 2854 Top of piling off N. end of retaining granite wall. Retaining wall is connected to factory described in signal 2853.
- 2855 Top of smoke stack on west end of long narrow factory, has tin roof.
- 2856 S. E. corner of pier, is all wooden structure; granite retaining wall and factory described in signal 2855 to S. W. of it.
- 2857 Top of cupola on top center Public Landing Building(white.)
- 2858 E. gable of plain building called Hyland Machine Company.
- 2859 E. gable of gray shed; "Texaco" painted on shore side; gas tank directly behind it.
- 2860 S. E. corner of pier; Texaco station on pier.
- 2861 S. E. corner of retaining wall, N. of Texaco wharf.
- 2862 N. E. corner of long building called "Deep Sea Fisheries, Inc;" S. W. of Naval Wharf.
- 2863 N. E. corner of small pier, S. W. of Navy Wharf, wooden structure, Amoco gas tanks behind it.
- 2864 S. E. corner of Navy Pier. (This station has not been shown on the Map Drawing because of its proximity to the triangulation station "S. TILLSON" U.S.E.; no recovery in 1943")
- 2865 N. E. corner of O'Hara's Fish Wharf, gray building on pier, white trim.
- 2866 Top of smoke stack on brick building, Lubec Canning Co.
- 2867 N. corner of pier, building called Sims Lobster Co. on wharf.

- 2868 N. E. corner of retaining pier, little brown building near end of wharf. (This station has not been shown on the Map Drawing because of its proximity to the triangulation station "U" (U.S.E.), r.1943).
- 2869 N. W. corner of same retaining wall as described in signal 2868. (This station has not been shown on the Map Drawing because of its proximity to the triangulation station "V", U.S.E., r.1943).
- 2870 S. end of retaining wall on E. side of cove; John Bird building at head of cove. (This station is identical with the triangulation station "O", U.S.E., r.1943).
- 2871 W. end of retaining wall at head of cove, northernmost of two retaining walls, N. of John Bird Co. building. (This station is identical with the triangulation station "N.-I.", U.S.E., r.1943).
- 2872 Top of ventilator at top of green tarred paper building in head of cove. Other building to S. of it is W. H. Glover Woodwork Mill.
- 2873 N. E. corner of wooden pier on W. side of cove.
- 2874 E. gable of building on W. side of cove, has three ventilators on top, long narrow building.
- 2875 N. E. corner of offshore granite cribbing.
- 2876 S. E. corner of yellow building on end of long narrow wharf.
- 2877 Top of tall piling, sign on it says "These Flats Closed to Clam Digging."
- 2879 N. E. corner of retaining wall. (This station has not been shown on the Map Drawing because of its proximity to the triangulation station "S", U.S.E., r.1943.)
- 2880 N. E. tip of ledge at High-Water Line. Has path coming to it from bank. (This station was pricked on field

inspection photo No. 7209 in the same position apparently as F.I.P. "LIM.")

- 2881 Top of large lone boulder, at bottom of bare bank, brown with white stripes on N. W. side of rock.
- 2882 S. E. gable of 2 story unpainted house, has four windows S. E. end.
- 2883 Top of flat gray ledge, S. end. Has path going up bank behind it.
- 2884 S. tip of ledge at High-Water Line, bare bank to E. of it.
- 2885 Top of little yellow house on shore line, has green roof.
- 2886 S. E. gable of plain shingle house with green trim. Has three dormers on each N. and S. side.
- 2887 Tip of grass on S. side of path at inshore end of Rockland Breakwater.
- 2888 Top of large rock farthest from shore off point E. of Hotel Samoset. Rock is high on one end and low on other end.
- 2889 Top of chimney on plain house with green roof. House sets on ledge.
- 2890 Top of offshore rock 3 meters S. of long whaleback ledge, another ledge directly behind it.
- 4472 "Galvanized Ventilator-Red Barn." The station is the top of the galvanized ventilator on top of a red barn, located on E. side of small stream leading down to Crockett Point. (Recoverable topographic station)
- 4473 Highest part of west end of sand spit.
- 4475 S. gable of small unpainted shack with yellow trim.

4499 "Radio Mast, N. E." The station is the base of the N. E. radio mast, which is a 128 foot steel skeleton tower, painted gray, and located 30.7 meters from S. E. corner of a square brick building; 15.8 meters N. of the N. W. corner of a long building; 16.4 meters S. E. from S. W. corner of a building, and 10.3 meters E. from centerline of Wharf Street, along water front in the town of Rockland. This mark is also a landmark. (Recoverable topographic station.)

4500 "Radio Mast, S. W." The station is the base of the S. W. radio mast, which is a 128 foot steel skeleton tower painted gray, and located 16.1 feet N. E. from the centerline intersections of Tillson Avenue, and Sea Street Place; 12.6 meters N. of centerline of Tillson Avenue, and 9.2 meters E. of centerline of Sea Street Place, along the water front in the town of Rockland. This mark is also a landmark. (Recoverable topographic station.)

4555 Base of brick smoke stack on S. E. side of small brick building. Has shed type roof (corrugated metal roof). S. W. of Lime Works. (This station is the same as station No. 2878.)

"Chimney on White House." The station is the chimney on the S. W. side of a two story dark shingled, green trimmed house northwest of the Rockland Breakwater, about 144 m. southwest of the triangulation station, "Samoset Hotel Cupola Pole, 1902, r.1943." The chimney is west of a dormer window. (Recoverable topographic station)

"Chimney, Tall, Laundry." The station is a 30' square brick chimney on the S. E. corner of a building used as a laundry which is on the N. W. corner of Willow and Main Streets. (Recoverable topographic station.)

"Dome, Knox County Courts." The station is the top of the weather vane on a green dome, on top of a cupola which is located on the center of the building, which is located on the S. W. corner of the intersection of Union and Limerock Streets, in the city of Rockland. (Recoverable topographic station.)

"East Gable of Barn" The station is the east gable of a barn, at Holiday Beach, approximately $\frac{1}{2}$ mile northeast of Crescent Beach and approximately $\frac{3}{4}$ mile southwest of Dodge Pt. (Recoverable topographic station)

"Emery Island Beacon" The station is the black cask on end on top of a black wooden spindle, just E. of Emery Island. (Recoverable topographic station and fixed aid to navigation)

"Rockland Baptist Church 2" The station is the top of spire that contains a prominent clock, which is located on the S. E. corner of a brown colored wooden church, situated on Main Street, between Summer and Lindsey Streets, in the city of Rockland. (Recoverable topographic station)

"Spire, Church" A short spire on the east side of the Littlefield Free Baptist Church, on S. W. corner of Camden St. and Philbrick Ave. in Rockland. The church is painted white. (Recoverable topographic station and landmark)

"Rockland Congregational Church 2" The station is the weathervane on top of belfry which is on the S. E. corner of a yellow, brown trimmed, church. The church is on the N. W. corner of Main and Summer Streets. (Recoverable topographic station)

"Seal Ledge Beacon" The station is the base of the black iron spindle that has a black cask on end. The spindle is leaning about 30 degrees from the vertical towards the eastward, at N. end of Seal Ledge, S. end of Rockland Harbor. This is also U. S. Engineers triangulation station "Spindle," Rockland Grid Coordinates South 25, 710, 162 - East 14, 530, 522. The origin of the U. S. Engineers Grid is Breakwater x-20, 000 y-20,000 (Recoverable topographic station and fixed aid to navigation)

"Tidal Bench Mark 4 (1911) Owls Head, Penobscot Bay". The mark is the center of a $\frac{3}{4}$ inch drill hole, $1\frac{1}{2}$ inches deep, in the center of a triangle on a prominent white rock at edge of water, and on side of rock facing Bench

Mark 1; 76 feet from Bench Mark 1 and 67.5 feet from S. E. corner of porch of house. Elevations: 17.66 feet above mean low-water; 12.90 feet above half tide; 8.30 feet above mean high-water, and located on E. side of Dodge Point, directly opposite Dodge Point Ledge Beacon. (Recoverable topographic station)

"Windmill" The station is the top of a windmill northwest of Crescent Beach and about 45m. northwest of the U.S.C. and G.S. triangulation station, "Crescent Beach, Steel Beacon, 1911, r.1943." (Recoverable topographic station)

734

T-8009

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

POST-OFFICE ADDRESS: 518 E. 32nd Street, Baltimore-18, Maryland.

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

26 January 1948.

for
MEMORANDUM TO MR. S. V. GRIFFITH

The approximate boundary line of Rockland shown on Survey No. T-8009 by Mr. Walter Schmidt, is believed to be the limits of the urban area and not the city boundary line.

The enclosed tracing shows the township line on the north, running through the points you described to me in the Washington Office.

We do not have a map of the City of Rockland; however, the information shown on the tracing is believed sufficiently accurate, and, with the data you have, it may be possible to evaluate the township line correctly.

Joseph Steinberg
Joseph Steinberg

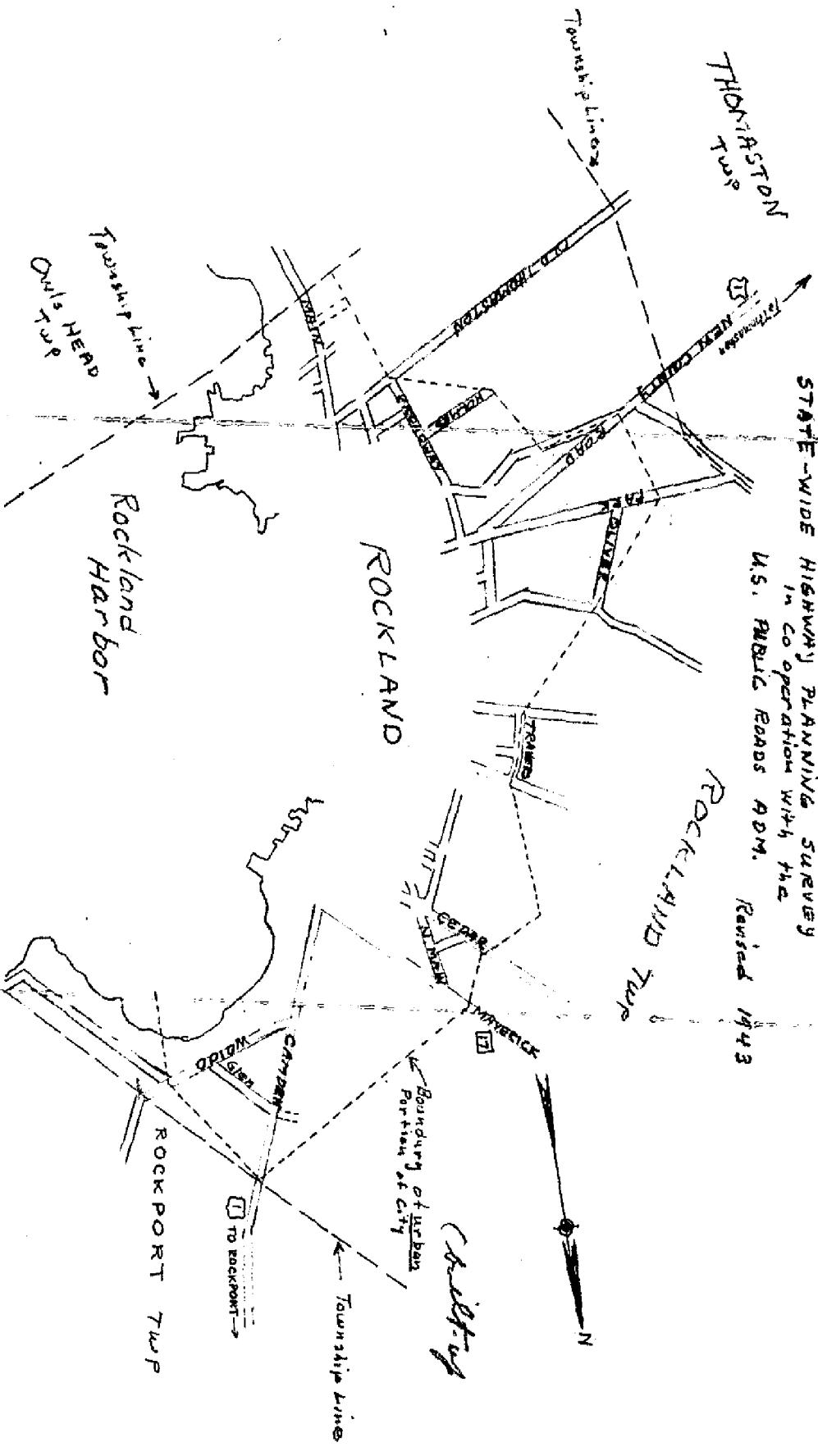
n

Tracing of boundary of city of Rockland Maine
taken from Book of MAINE GENERAL HIGHWAY MAPS
Prepared by the

STATE HIGHWAY COMMISSION
from data furnished by the

STATE-WIDE HIGHWAY PLANNING SURVEY
in co operation with the

U.S. PUBLIC ROADS ADM. Revised 1943



DIVISION OF PHOTOGRAMMETRY
Review Report of
Planimetric Map Manuscript T-8009

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

30. MEAN HIGH WATER LINE

Extensive corrections to the mean high water line have been made. (See the review report of T-5622 for an explanation of these changes.)

The mean high water line has been revised since the hydrographic sheets were made, and these corrections need to be applied to the hydrographic sheets after the hydrographic survey is completed. *(Not yet done. 23 Sept. 1948) #5*

32. DETAILS OFFSHORE FROM THE HIGH WATER LINE

The photography for this area was done at a time when the tide was at a higher stage than mean high water. As a result, offshore detail was obscured. The completion of offshore detail will be performed from information obtained from the hydrographic survey now in progress. *(Not available. 23 Sept. 1948) #5*

43. COMPARISON WITH PREVIOUS TOPOGRAPHIC SURVEYS

T-1160 1/10000 1870

This map manuscript detail supersedes the previous topographic survey for the area in common except for fence lines, contours, and offshore detail.

45. COMPARISON WITH NAUTICAL CHARTS

320 1/20000 ed 1937 rev Feb. 1944

The Nautical Chart Branch has been notified that corrections have been made to the manuscript.

46. APPLICATION TO CHARTS

This map manuscript has ~~not~~ been applied to ^{reconstruction} the chart ^{313 only} as of the date of this review.

Reviewed by:

Jack L. Rihn
Jack Rihn, 10 Dec. 1945

Under the direction of

A. V. Griffith
Chief, Review Section *E.H.M.*

APPROVED BY:

B. G. Jones, Jr.
Technical Assistant to the
Chief, Div. of Photogrammetry

M. C. Edwards
Chief, Nautical Charts Branch
Division of Charts

K. T. Adams
Chief, Div. of Photogrammetry

W. M. Seife
Chief, Div. of Coastal Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. T8009

1 Aug 45

Record of Application to Charts

[illegible]

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.