Form 504
U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey  Planimetric Air Photographic
Field No.  CB-272  Office No.  T-8009

<table>
<thead>
<tr>
<th>LOCALITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>State</td>
</tr>
<tr>
<td>General locality</td>
</tr>
<tr>
<td>Locality</td>
</tr>
</tbody>
</table>

1944
CHIEF OF PARTY
F.L. Peacock

LIBRARY & ARCHIVES
DATE  April 25, 1949
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
Compilation Office: Baltimore Photogrammetric Office

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

Completed survey received in office:

Reported to Nautical Chart Section:

Reviewed: 10 Dec 45 Applied to chart No. Record, 313 Date: 5/1/45
Redrafting Completed: 8 April, 1948
Registered: 22 Sept, 1948 Published: 3 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

Reference Station (III): INGRAHAM HILL, 1859, r.1934, r.1943
Lat. 44° 05' 56" 1745.9m Long. 69° 06' 52.994" 1179.1m Adjusted
Unadjusted

State Plane Coordinates (VI): Maine, East Zone

\[ x = 338,475.86 \text{ feet} \quad x = 9,379.62 \text{ feet} \]

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 valid for reference stations. However, A.R. "South Breakwater (U.S.E.)" is origin of grid and its coordinate are:

South 20,000.00 feet East 20,000.00 feet
PHOTOGRAPHS (III)
(Metal Mounted)

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
</tr>
</thead>
<tbody>
<tr>
<td>7208-7211 Incl.</td>
<td>10/21/41</td>
<td>10:17 A.M.</td>
<td>1:10,000</td>
<td>11.6' above M.L.W.</td>
</tr>
<tr>
<td>7228-7232 Incl.</td>
<td>10/21/41</td>
<td>10:17 A.M.</td>
<td>1:10,000</td>
<td>11.6' above M.L.W.</td>
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<tr>
<td>7319</td>
<td>10/22/41</td>
<td>11:20 A.M.</td>
<td>1:10,000</td>
<td>11.8' above M.L.W.</td>
</tr>
<tr>
<td>7329</td>
<td>10/22/41</td>
<td>11:20 A.M.</td>
<td>1:10,000</td>
<td>11.8' above M.L.W.</td>
</tr>
<tr>
<td>7331-7332 Incl.</td>
<td>10/22/41</td>
<td>11:20 A.M.</td>
<td>1:10,000</td>
<td>11.8' above M.L.W.</td>
</tr>
<tr>
<td>7340-7342 Incl.</td>
<td>10/22/41</td>
<td>11:20 A.M.</td>
<td>1:10,000</td>
<td>11.8' above M.L.W.</td>
</tr>
</tbody>
</table>

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 8½") All negatives are on file at the Washington Office

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

Field Edit by:

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
Projection and Grids ruled by (III) W.T.B. - P.J.H.
Washington Office
Overlap checked by: B.R.C. Washington Office
Control plotted by: Donald M. Brant
Control checked by: A. L. Goncharsky
Radial Plot by: A. L. Goncharsky
Detailed by: M. K. Olthouse (Interior and shoreline - rough draft)
Reviewed in compilation office by: Harry R. Rudolph
Elevations on Field Edit Sheet
checked by:
STATISTICS (III)

Land Area (Sq. Statute Miles); 10½

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; 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

† 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
26 CONTROL: (Continued)

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

31 U. S. Engineers triangulation stations

*OID P (U.S.E.), r.1943
* OID 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. "Rick")
* 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
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-3009, as furnished by the Field Inspection Party, is submitted herein.

RADIAL PLOT:

An individual plot was laid for the area of Survey No. T-3009. 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-3000 to T-3003, incl., and T-3007 to T-8011, incl., included as an appendix to the descriptive report for Map Drawing, Survey No. T-8002, previously submitted.

DETAILING:

The Map Drawing for Survey No. T-3009 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 T-8008.
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-3009 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-3009 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 translucent ink line on the glossy side of the Map Drawing, accompanied by a pertinent note.
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.

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:
Two or 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, SAMUESET 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 2½ mm. black acid ink circles accompanied by the note "Landmark". Form 567 (to be charted) has been submitted.

* 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-3009.

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 2½ mm. black acid ink circles, accompanied by their names and the note "Fixed aid to navigation." Form 567 has been submitted for charting.

† 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 2½ 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.)

"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."

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 2mm. black acid ink circles, except as noted in subsequent paragraphs.

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:

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
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<tbody>
<tr>
<td>2745</td>
<td>White Flagpole</td>
</tr>
<tr>
<td>2801</td>
<td>Monroe Island Light (Fixed aid to navigation)</td>
</tr>
<tr>
<td>2804</td>
<td>Dodge Point Ledge Beacon (Fixed aid to navigation)</td>
</tr>
<tr>
<td>4472</td>
<td>Galvanized Ventilator - Red Barn</td>
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</tbody>
</table>
35 HYDROGRAPHIC CONTROL: (Continued)

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4499</td>
<td>Radio Mast, N.E. (Landmark)</td>
<td></td>
</tr>
<tr>
<td>4500</td>
<td>Radio Mast, S.W. (Landmark)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Emery Island Beacon (Fixed aid to navigation)</td>
<td>Windmill</td>
</tr>
<tr>
<td></td>
<td></td>
<td>East Gable of Barn</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tidal Bench Mark No. 4, 1911, Owls Head, Penobscot Bay</td>
</tr>
<tr>
<td></td>
<td>Dome, Knox County Courts</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Rockland Baptist Church 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Rockland Congregational Church 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chimney, Tall, Laundry</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Spire, Church (Landmark)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chimney on White House</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Seal Ledge Beacon (Fixed aid to navigation)</strong></td>
<td>Position of this station determined by sextant fix location furnished by the Field Inspection Sub-Party and submitted herein.</td>
</tr>
</tbody>
</table>

**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.

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.
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:


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° 05' 02" and Longitude 69° 05' 50", a second at approximately Latitude 44° 03' 55" and Longitude 69° 05' 15", a third at approximately Latitude 44° 06' 25" and Longitude 69° 06' 25", and a fourth at approximately Latitude 44° 05' 35" and Longitude 69° 06' 20".

South Ledge at approximately Latitude 44° 06' 10" and Longitude 69° 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° 05' 35" and Longitude 69° 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
Photogrammetric Aid

Compilation and Descriptive Report Reviewed by:

Harry R. Rudolph
Sr. Photogrammetric Aid

Supervised by:

Walter E. Schmidt
Asst. Photogrammetric Engineer

Approved and Forwarded:
July 14, 1944

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

Undisputed

• Atlantic Point
• Battery Point
• Blackinton Corners
• Broad Cove
• Crescent Beach
• Crockett Point
• Cutters Nubble
• Deep Cove
• Dodge Point
• Dodge Point Ledge
• Emery Island
• Hendrickson Point
• Holiday Beach
• Ingraham Hill
• Jameson Point
• Lerman Cove
• Lowell Ledge

• Monroe Island
• Owls Head
• Owls Head (village)
• Owls Head Bay
• Owls Head Harbor
  • Owls Head Ledge
• Post Hill
• Rockland (City)
• Rockland Harbor
• Seal Ledge
• Shag Rock
• Sheep Island
• Sheep Island Bar
  • South Ledge
  • Spears Rock
• West Penobscot Bay

*These geographic names fall within the area of Survey No. T-3009 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-3-4, dated October 15, 1936.


• Maine Central
• U. S. No. 1
• State 17
• Rockland Breakwater

Names preceded by * are approved. L. Hack 10/9/47

GEOPHIC 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.

<table>
<thead>
<tr>
<th>No. of temporary hydrographic station</th>
<th>Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>2738</td>
<td>49° 29'</td>
</tr>
<tr>
<td>2737</td>
<td></td>
</tr>
<tr>
<td>2729</td>
<td>63° 41'</td>
</tr>
<tr>
<td>2738</td>
<td>18° 26'</td>
</tr>
<tr>
<td>2739</td>
<td></td>
</tr>
</tbody>
</table>

Seal Ledge Beacon

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

<table>
<thead>
<tr>
<th>Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breakwater L. H.</td>
</tr>
<tr>
<td>Samoset Water Tank</td>
</tr>
<tr>
<td>Littlefield Free Baptist Church Spire</td>
</tr>
<tr>
<td>Temporary hydrographic station No. 2832</td>
</tr>
<tr>
<td>Breakwater Lighthouse</td>
</tr>
</tbody>
</table>

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-5009

Crescent Beach, Steel Beacon, 1911. Recovered. 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.
*Hill, 1905. Not found.
Owls Head Lighthouse, 1858. Recovered. Pricking positive.
Sheep 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.
*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.
Jameson Point, Samoset Hotel, Water Tank, 1934. Recovered.
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.
Q (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 PENOBOYOT 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 hydrographic stations appearing on Map Drawing, Survey No. T-8009.

Number of temporary hydrographic stations 131
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 Oltthouse

Checked by: 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.)

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.
2750 Lone 20' spruce tree on N. E. end of Sheep Island. (base pricked.)
2751 20' lone spruce on Sheep Island. The tree is at W. end of bare bank. It is very bushy. (base pricked.)
2752 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.
2753 Tip of ledge in bight on E. side of Sheep Island. Larger ledge to S. has big yellow mark on side.
2754 Tip of largest of two boulders in slight bight on N. side of Cutters Nubble.
2755 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.)
2756 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.)
2757 Base of lone 15' spruce tree in bight on S. W. side of
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.)

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.
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.

Tip of ledge at high-water, 8 meters east of center of line (extended) of house.

Tip of ledge at high-water, 75 meters E. of gravel beach.

N. tip of vegetation on point, plain shingle house in field back of point, on east side of harbor.

N. E. gable of plain house. Has porch on front and side; white trimmings, dormer in roof with two windows.

Base of crooked 20' birch tree. Is 1' from grassline on E. side of Rockland Harbor.

E. gable of white one-story house. Has dark roof with white ridge pole running E.-W. Has lot of windows.

Top of N. end of largest rock on point. White house with brown trimmings and green roof on point behind rock.

Base of 40' flag pole 15 meters from bare bank, in front of white house with 4 dormers on E. side.

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.

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.

Top of large brown boulder on W. side of cove, on High-Water Line.

Top of brown boulder on W. side in head of cove. Boulder is farthest in head of cove.

N. E. gable 1½ 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 Hynland 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.
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 "M" (U.S.E.), r.1943).

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).

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).

W. end of retaining wall at head of cove, northermmost 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).

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.

N. E. corner of wooden pier on W. side of cove.

E. gable of building on W. side of cove, has three ventilators on top, long narrow building.

N. E. corner of offshore granite cribbing.

S. E. corner of yellow building on end of long narrow wharf.

Top of tall piling, sign on it says "These Flats Closed to Clam Digging."

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.)

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. "L.M.")

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.
"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.)

"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.)

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 114 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 ½ mile northeast of Crescent Beach and approximately ¾ 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 3/4 inch drill hole, 1 ½ 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)
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.

[Signature]

Joseph Steinberg
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. 1943)

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. 1943)

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 the chart as of the date of this review.

Reviewed by: Jack L. Rihn
Under the direction of Chief, Review Section
Jack Rihn, 10 Dec. 1943

L.H.M.
APPROVED BY:

Technical Assistant to the Chief, Div. of Photogrammetry

Chief, Nautical Charts Branch Division of Charts

Chief, Div. of Photogrammetry Chief, Div. of Coastal Surveys
# Nautical Charts Branch

## Survey No. T8009

### Record of Application to Charts

<table>
<thead>
<tr>
<th>Date</th>
<th>Chart</th>
<th>Cartographer</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/1/45</td>
<td>313</td>
<td>J. Walker</td>
<td>Before After Verification and Review</td>
</tr>
<tr>
<td>6/5/46</td>
<td>320</td>
<td>L. Piersi</td>
<td>After Partially applied.</td>
</tr>
<tr>
<td>7/7/49</td>
<td>209</td>
<td>L. C. W. Jones</td>
<td>Before After Verification and Review</td>
</tr>
</tbody>
</table>

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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.