

11129

N45

Diag. Cht. No. 1203-2.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. Ph-104 Office No. T-11129

LOCALITY

State Maine

General locality West Penobscot Bay

Locality Rockland

1945 52-55

CHIEF OF PARTY

P. Taylor, Chief of Field Party

L. W. Swanson, Div. of Photo. D.C.

LIBRARY & ARCHIVES

DATE May 12, 1958

11129

DATA RECORD

T-11129

Project No. (II): **Ph 104** Quadrangle Name (IV):

Field Office (II): **Rockland, Maine**

Chief of Party: **Paul Taylor**

Photogrammetric Office (III): **Photogrammetry Division** Officer-in-Charge: **L. W. Swanson**
Washington, D. C.

Instructions dated (II) (III): **13 April 1953**
Supplement 1 - 29 May 1953
29 Dec. 1953
3 March 1954

Copy filed in Division of
Photogrammetry (IV)

Method of Compilation (III): **Kelsh Plotter**
Planetable

Manuscript Scale (III): **1:10,000**

Stereoscopic Plotting Instrument Scale (III): **1:10,000**

Scale Factor (III): **None**

Date received in Washington Office (IV):

MAY 31 1955

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV): **5 Feb 1958**

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): **NA 1927**

Vertical Datum (III):

Mean sea level except as follows:
Elevations shown as (25) refer to mean high water
Elevations shown as (5) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): **Owl's Head Lighthouse, 1858**

Lat.: **44° 05' 31.551"**

Long.: **69° 02' 40.620"**

Adjusted
Unadjusted

Plane Coordinates (IV):

State:

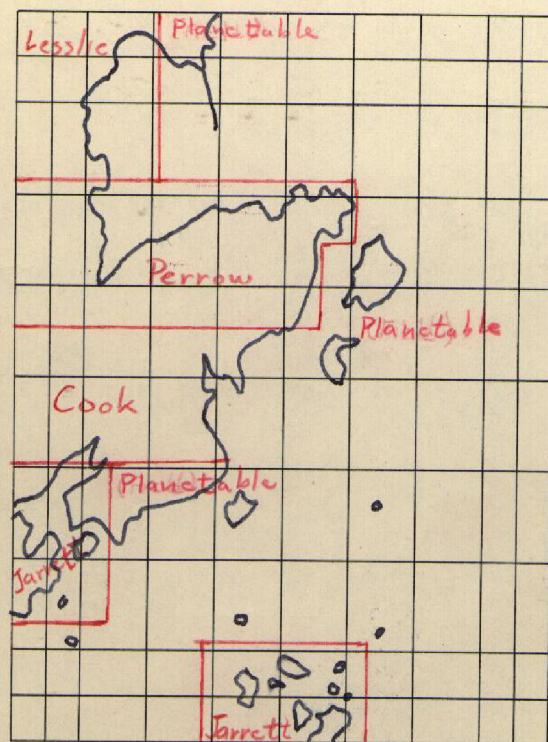
Zone:

Y=

X=

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

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



Areas contoured by various personnel
(Show name within area)
(II) (III)

DATA RECORD

Field Inspection by (II): James A. Clear, Jr.
Warren M. Gottschlich

Date: Sept. to Oct. 1953

Planetable contouring by (II): Martin C. Moody

Date: August, 1953

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location):

1941 Planimetric Maps
1953 Field Inspection on ratio photographs

Projection and Grids ruled by (IV): Austin Riley

Date: Sept. 28 1953

Projection and Grids checked by (IV): H. D. Wolfe

Date: Oct. 1 1953

Control plotted by (III): L. J. Reed

Date: Nov. 27 1953

Control checked by (III): C. E. Cook

Date: Nov. 28 1953

~~Radial Plot or~~ Stereoscopic M. Keller
Control extension by (III): C. E. Cook

Date: March 1954

Stereoscopic Instrument compilation (III):
Planimetry Frank J. Lesslie
and Ivan R. Jarrett
Contours Charles E. Cook
John D. Perrow, Jr.

Date: Feb. 1955

Date: Feb. 1955

Manuscript delineated by (III): Margaret Day (S/2)
John B. McDonald (N/2)

Date: August 22 1954

Photogrammetric Office Review by (III): M. Keller

Date: May 1955

Elevations on Manuscript M. Keller
checked by (II) (III):

Date: May 1955

Camera (kind or source) (III):

Geological Survey
USC&GS J Camera

Number	Date	Time	Scale	(Ref. MHW)* Stage of Tide
GS-PE-1-196 thru 198	4-3-53	11:30	1:17,000	2.2 ft. below
GS-PE-2-22 thru 26, 30 thru 33	4-4-53	9:00	1:17,000	8.7 ft. below
GS-PE-1-74 thru 75 80 and 81	4-3-53	11:30	1:17,000	2.2 ft. below

*By Mr. Wilcox, T&C

Number	Date	Time	Scale	Referred to
52-J-2130 thru 2141	6-16-52	12:15	1:10,000	0.9 MLW
2154 thru 2170	6-16-52	12:25	"	1.0 "
2183 thru 2185	6-16-52	12:36	"	1.2 "
2386 thru 2400	7-8-52	16:32	1:9500	-0.9 "
2511 thru 2522	7-12-52	8:54	1:9500	-0.8 "

(Continued under "Remarks.")

Tide (III)

Reference Station: Thomaston, Maine

Subordinate Station:

Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV):

Final Drafting by (IV): *T. 11129-N A P Berry*
T. 11129-S R A Carter

Drafting verified for reproduction by (IV): *Wm O. Halluin*

Proof Edit by (IV):

Date:

Date: *10/21/57*
9/26/57

Date: *12-20-57*

Date:

Land Area (Sq. Statute Miles) (III): **14**

Shoreline (More than 200 meters to opposite shore) (III): **30**

Shoreline (Less than 200 meters to opposite shore) (III):

Control Levelling - Miles (II): **25**

Number of Triangulation Stations searched for (II): **21** Recovered: **19** Identified: **12**

Number of BMs searched for (II): **14** Recovered: **11** Identified: **6**

Number of Recoverable Photo Stations established (III):

Number of Temporary Photo Hydro Stations established (III):

Number of Triangulation Intersection Stations established **1**

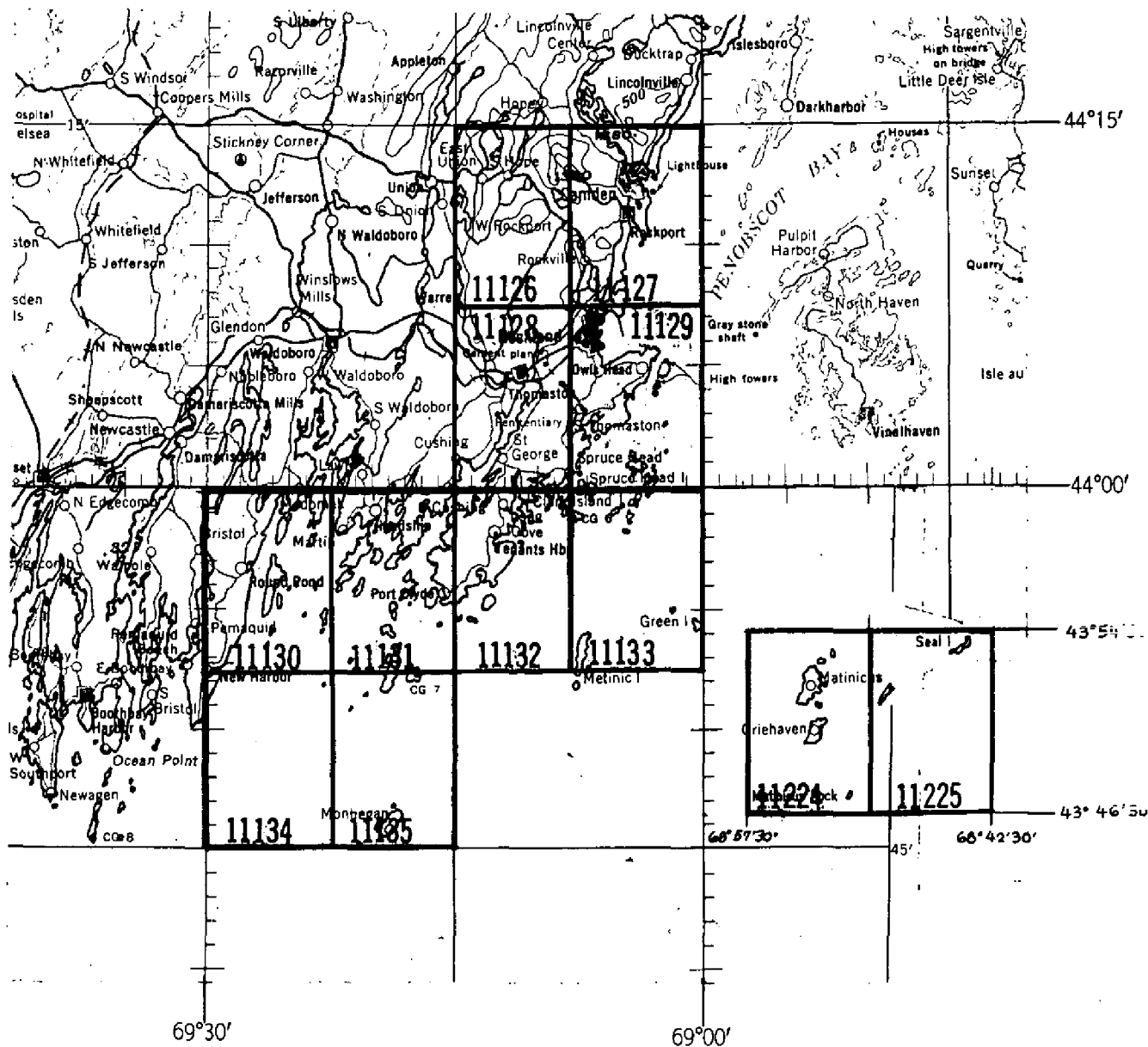
Remarks:

PHOTOGRAPHS (III) - Continued from above:

Number	Date	Time	Scale	Stage of Tide
2412 thru 2418	7-8-52	16:44	1:9500	-0.9 MLW
2097 thru 2103	6-16-52	11:57	1:10,000	0.6 "

TOPOGRAPHIC MAPPING PROJECT PH- 104

ROCKLAND, MAINE and VICINITY




OFFICIAL MILEAGE FOR COST ACCOUNTS

Sheet No.	Sq. St. Miles	Lin. Miles Shoreline
11126	51	18
11127	27	25
11128	46	45
11129	14	30
11130	24	40
11131	15	57
11132	14	30
11133	3	17
11134	1	4
11135	3	12
11224	3	13
11225	1	7
TOTALS	202	298

Summary to Accompany
Descriptive Report
T-11129

Topographic map T-11129 is one of 12 similar maps in Project 6104. This map includes the city of Rockland, the villages of Owls Head and the mouth of Weskeag River. The shoreline and planimetry were compiled from T-8008 and T-8009 (dated 1941-44) and corrected to 1955 by means of 1952-53 photographs, complete interior field inspection, partial shoreline inspection and complete field edit. Other field operations preceding compilation included leveling for vertical control of instrument contouring and planetable contouring of some of the small islands. The manuscript is in 2 sheets, each $3\frac{3}{4}'$ in lat. by $7.5'$ in long. The maps are to be published by the Geological Survey at a scale of 1:24,000 as a standard $7.5'$ topographic quadrangle. The registered copies under T-11129 will include 2 cloth-mounted prints designated T-11129-S and T-11129-N, each at scale 1:10,000 and a cloth-mounted color print of the published quadrangle.


John M. Neal
April 1956

FIELD INSPECTION REPORT
Quadrangles T-11129 and T-11133
Project Ph-104

2. AERIAL FIELD INSPECTION

This is a combined report for two quadrangles along West Penobscot Bay, which covers a part of the mainland and numerous small islands lying offshore.

Quadrangle T-11129 is centered around the incorporated town of Rockland. Rockland has one of the most important harbors in Penobscot Bay and offers anchorage for the largest vessels. The town is a terminus of a branch of the Maine Central Railroad, which connects with the main line at Brunswick.

Quadrangle T-11133 is comprised of several small islands, the largest of which is Metinic Island. Most of the islands are very sparsely settled, having a few houses which are occupied by the fishermen during the summer months. The islands near shore are heavily wooded, while the offshore islands are grassy for the most part. The property owners maintain sheep herds on the Green and Metinic Islands.

The U. S. Coast Guard owns property at Rockland, Owls Head and Two Bush Island. The telephone service to Two Bush Island is carried by cable by way of Whitehead Island. The U. S. Coast Guard has facilities for generating power at each individual light station.

The City of Rockland maintains and operates a commercial municipal airport near Owls Head. This airport was formerly owned by the Navy and was turned over to the city after World War II. The boundary line has been changed in recent years. It does not include all of the buildings which were formerly owned by the Navy.

The principal industries of the area are lobster and sardine fishing, lime production and raising of poultry. The entire area caters to the tourists during the summer season. A Lobster Festival held annually in late July attracts several thousand visitors to Rockland.

A field edit was made of the planimetric maps in accordance with project instructions. Additions and deletions have been noted on the planimetric sheets and referenced to the photographs. The inspection is believed to be adequate.

3. HORIZONTAL CONTROL

All U. S. Coast and Geodetic Survey stations were searched for and reported on Form 526. Stations of the Maine Geodetic Survey were recovered where they were needed for control.

One supplemental control station (ASH ISLAND BEACON, 1953) was established. It was located by third-order triangulation.

The stations listed below are reported as lost or destroyed:

Quadrangle T-11129: ASH ISLAND SPINDLE, 1934
CRESCENT ISLAND, 1859

Quadrangle T-11133: LITTLE GREEN ISLAND, 1913
RACKLETS ISLAND, 1858

4. VERTICAL CONTROL

There are no bench marks within Quadrangle T-11133. All marks were searched for in T-11129 and those which were found to be in good condition are:

<u>Name</u>	<u>Agency</u>	<u>Order</u>
C-18	U.S. Coast & Geodetic Survey	Second
B-18	"	"
Tidal 10	"	"
OWLS HEAD, PENOBSCOT BAY TEM 1	"	Not Known
" " " " TEM 3	"	"
" " " " TEM 4	"	"
ROCKLAND, PENOBSCOT BAY TEM USGS	"	"
" " " " TEM 1	"	"
" " " " TEM 2	"	"
" " " " TEM 3	"	"
DIX ISLAND, MUSCLE RIDGE CHANNEL	"	"
PENOBSCOT BAY TEM 2	"	"
NGW. 194	Maine Geodetic Survey	Third
" 195	"	"
" 196	"	"
" 197	"	"

Vertical control points for Multiplan and Kalsh Plotter contouring were established in accordance with project instructions for all of the area, with the exception of Netinic Island. See paragraph 4 of the Field Inspection Report for Quadrangle T-11126 for the methods used.

Field Inspection Report for T-11224 and 11225 gives the methods used on Matinle Island and Matinicus Island, etc.

The first and last fly-level points in T-11129 are 29-1 and 29-34. The first and last fly-level points in T-11133 are 33-1 and 33-7.

5. CONTOURS AND DRAINAGE

The majority of the contouring in these two quadrangles will be done by the Multiplex and the Kalah Plotter.

The Green Islands, Monroe Island, Ash Island are some of the larger islands which were contoured by planetable methods on loftrite prints of the planimetric maps. Also a number of small areas were contoured along the mainland by planetable. See page 2 of this report for the planetable contouring.

6. WOODLAND COVER

The woodland was classified in accordance with current instructions.

7. SHORELINE AND ALONGSHORE FEATURES

(a) A field edit of the high-water line was made in accordance with project instructions. Changes, which have occurred, are corrected on the photographs and referenced on the planimetric sheets.

(b) The low-water line was inspected, using the 1952 G. and G.S. low-water photographs. Sufficient areas have been classified so that the compiler should have no difficulty in the delineation of the low-water line. The inspection was especially thorough in and around the cove areas.

(d) Bluffs will be depicted by the contours.

(e) The planimetric maps were examined for additions and deletions of docks, wharves, piers, etc., and where changes have occurred, they have been indicated on the photographs.

(f) Three telephone submarine cables have been shown on the photographs. They lead from Two Bush Island, Gulls Head Lighthouse and Rockland Breakwater Lighthouse.

8. OFFSHORE FEATURES

There were no offshore features noted. The low-water line was inspected visually. Measurements, however, were made in numerous places from identifiable features to determine that the photographs were made at or very near mean low-water.

9. LANDMARKS AND AIDS

Nine landmarks are reported on Form 567. One radio mast is recommended as a new landmark and a cupola in downtown Rockland is recommended for deletion.

The Fixed Aids were inspected in accordance with project instructions and reported on Form 567. ASH ISLAND BEACON, 1953 was located by triangulation methods and reported on Form 525b.

One aeronautical aid (AERO BEACON, 1953) was picked on the photograph. It is the beacon at the Rockland Municipal Airport.

10. BOUNDARIES, MONUMENTS AND LINES

See special boundary report, which will be submitted at a later date.

11. OTHER CONTROL

Seven previously established topographic stations are reported on Form 524. One new topographic station (AERO BEACON, 1953) is submitted with the quadrangle data.

Refer to Item 11 in the Field Inspection Report for T-11127 for establishment of photo-hydro control.

12. OTHER INTERIOR FEATURES

The planimetric maps were inspected for all additions and deletions of roads, buildings, etc. There are no bridges over navigable waters.

Rockland Municipal Airport is the only airfield within the area.

13. GEOGRAPHIC NAMES

This will be the subject of a special report, which will be submitted at a later date.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

The special reports mentioned in items 10, 13 and a Notes for Coast Pilot, are the only supplemental data.

23 October 1953
Submitted by:

Joseph K. Wilson,
Cartographer

26 October 1953
Approved by:

Paul Taylor
Commander, USC &GS
Chief of Party

*Original of this report
filed with Descriptive Report
covering T-11133*

MAP T-11129.N PROJECT NO. Ph-104 SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR x -COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
				FORWARD	(BACK)	FORWARD	(BACK)	FORWARD	(BACK)
Rockland Break- water Lighthouse 1902 (d)	P. 21	NA 1927	44-06-14.257	440.0	1411.9				
Rockland First Church of Christ Scientist, 1934 (d)	21	"	69-04-41.020	912.3	422.2				
Rockland Universalist Church, 1911			44-06-50.343	1553.8	298.1				
d - NC.	256	"	69-06-31.096	691.5	642.8				
Shag Rock Beacon 1934			44-06-13.24	408.7	1443.2				
d - NC.	23	"	69-06-42.13	937.0	397.5				
Jameson Pt.			44-05-43.34	1337.6	514.3				
Samoset Hotel Water Tank, 1934 (d)	21	"	69-02-58.40	1299.1	35.6				
D Steel Beacon, Post Hill 1934 nd - NC	21	"	44-07-06.535	201.7	1650.2				
Ingraham Hill 1859			69-05-10.108	224.8	1109.4				
dm			44-05-09.67	298.5	1553.4				
Hill, 1905			69-04-30.88	687.0	647.9				
nd			44-04-56.566	1745.9	106.0				
Cross, 1911			69-06-52.994	1179.1	155.8				
dm			44-05-19.960	616.1	1235.8				
B, 1911			69-03-05.891	131.1	1203.7				
nd			44-04-38.771	1196.7	655.2				
Crescent Beach Steel Beacon 1911			69-02-41.705	928.0	407.1				
nd			44-04-08.731	269.5	1582.4				
Jameson, 1859			69-02-55.993	1246.1	89.1				
nd			44-04-09.58	295.7	1556.2				
			69-04-17.81	396.3	939.0				
			44-07-02.49	76.9	1775.0				
			69-05-05.68	126.3	1207.9				

1 FT. = 3048006 METER

COMPUTED BY: L. J. Reed

DATE 27 November 1953

CHECKED BY: S. W. Trow

DATE 27 November 1953

M-2388-12

MAP T-11129 N PROJECT NO. Ph-104 SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y-COORDINATE LONGITUDE OR X-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
Sheep Island, Steel Beacon 1911	d 293	NA 1927	44-04-08.99	277.5	1574.4				
Owls Head Lighthouse, 1858	d 18	"	69-02-56.01	1246.4	88.9				
A, Monroe Island, Steel Beacon, 1911	d 250	"	44-05-31.551	973.8	878.1				
Mon 196 1935 (MGS)		"	69-02-40.620	903.6	431.1				
" S.S.		"	44-05-08.809	271.9	1580.0				
Mon 195, 1935 (MGS)		"	69-02-19.756	439.5	895.4				
" S.S.		"	105,113.34	113	(4887)				
Mon 195, 1935 (MGS)		"	339,103.76	4104	(896)				
" S.S.		"	105,266.73	267	(4733)				
SS Ingraham Hill, 1859, 1934		"	339,615.57	4616	(384)				
Red Schoolhouse Chimney 1859	535 Supp. P 19 GP P261	"	100,566.23	566	(4434)				
		"	337,759.09	2759	(2241)				
		"	100,707.75	708	(4292)				
		"	337,792.02	2792	(2208)				
		"	91,056.31	1056	(3944)				
		"	338,002.67	3003	(1997)				
		"	44-04-36.27	1119.5	(732.4)				
		"	69-06-07.67	170.7	(1164.4)				

1 FT. = 3048006 METER

COMPUTED BY: L. J. Read

DATE 27 November 1953

CHECKED BY: S. W. Trow

DATE 27 November 1953

M-2388-12

MAP T-11129 S PROJECT NO. Ph-104 SCALE OF MAP 10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX) Page	DATUM	LATITUDE OR Y-COORDINATE LONGITUDE OR X-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
HIGH ISLAND, 1858 dm	17	NA 1927	44-00-48.543	1498.2	(353.7)				
OTTER ISLAND, BLACK SPINDLE ON LEDGE			69-03-36.919	822.4	(514.1)				
1859 d	23	"	44-01-30.06	927.8	(924.1)				
OTTER ISLAND BEACON,			69-04-52.21	1162.8	(173.4)				
1934 d	23	"	44-01-20.86	643.8	(1208.1)				
GARDEN ISLAND, RED SPINDLE ON LEDGE			69-04-26.03	579.7	(756.6)				
1859 d	23	"	44-00-46.68	1440.7	(411.2)				
ASH ISLAND SPINDLE,			69-05-46.76	1041.6	(294.9)				
1934 l, d	292	"	44-02-24.25	748.5	(1103.4)				
SS HIGH ISLAND			69-04-00.43	9.6	(1326.4)				
1858			66,348.51	1349	(3651)				
TOMMY ISLAND			352,510.09	2510	(2490)				
1953		"	67,770	2770	(2230)				
Ash Point Control Station			339,215	4215	(785)				
S.S.			44-02	1459.00	392.87				
Ash Point Control Station			69-04	597.26	738.54				
1953			44-02	1491.66	360.21				
T USE 1936			69-04	583.71	752.09				
U USE 1936			101 796.22						
J USE 1936			341 365.78						
			100 524.64						
			341 347.99						
			96 591.17						
			342 044.57						

1 FT. = 3048006 METER

COMPUTED BY: L. J. Read

DATE 27 November 1953

CHECKED BY: S. W. Trow

DATE 27 November 1953

M-2388-12

SCALE FACTOR

1131

COMPILATION REPORT
T-11129
27 May 1955

31. DELINEATION:

Kelsh Plotters A and B in the Washington Office were used in compilation. Some areas, as indicated on the compilation index, were compiled by planetable in the field.

32. CONTROL:

Horizontal and vertical control were satisfactory and graphic methods were used in the adjustment of bridges. Horizontal control extension was done with the stereoplanigraph. Level lines run throughout the project were sufficient for the vertical control of all models.

33. SUPPLEMENTAL DATA:

See Paragraph 35.

34. CONTOURS AND DRAINAGE:

Offshore islands were contoured by indexing the Kelsh Plotter on the MHW line. Dense tree coverage made contouring of several of these islands difficult.

35. SHORELINE AND ALONGSHORE DETAILS:

In accordance with Project Instructions, the MHW line was taken from Planimetric Maps T-8008 and T-8009. The shoreline was corrected in several areas after careful inspection of the stereoscopic model. The approximate MLW line was detailed from low water photographs.

36. OFFSHORE DETAILS:

The following rocks awash on Nautical Chart 31Q, which are located within the manuscript area, were not located because the photographs could not be controlled: East of Otter Point, Lark Ledges, Inner Grindstone Ledge, N.E. Pond Ledge and north of Little Pond Island.

37. LANDMARKS AND AIDS TO NAVIGATION:

See copy of Form 567 in this report. This form is filed as Chart Letter 1142 (53) in the Nautical Chart Branch.

38. CONTROL FOR FUTURE SURVEYS:

See Paragraph 49.

39. JUNCTIONS:

Junctions have been made with T-11128 to the west, T-11127 to the north and T-11133 to the south.

40. HORIZONTAL AND VERTICAL ACCURACY:

Not applicable.

46. COMPARISON WITH EXISTING MAPS:

USGS Rockland Quadrangle	1:62,500	1906 (Reprint 1946)
AMS Rockland Quadrangle	1:50,000	1941 (Reprint 1950)
USC&GS T-8008 and 8009	1:10,000	1941

47. COMPARISON WITH NAUTICAL CHARTS:

Nautical Chart No. 310	1:40,000	1937, corr.	1952
322	1:40,000	1950, "	1952
209	1:20,000	1953 "	1952

48. GEOGRAPHIC NAMES:

See Supplement.

49. NOTES FOR HYDROGRAPHER:

See Paragraph 36, Offshore Details.

The following Photo-Topo Stations have been plotted on the map manuscript:

Aero Beacon 1953
Tidal Bench Mark 2 (1943) 1953
Wood (1943) 1953
Anoa (1943) 1953
Tidal Bench Mark 4 1943
Chimney (1943) 1953

See Form 567 in this report for additional Photo-Topo Stations.

Submitted by:

C. E. Cook
C. E. Cook

Approved by:

Charles Theurer
C. Theurer

GEOGRAPHIC NAMES

11129 N

Achorn Cemetery ✓
Atlantic Point ✓
Battery Point ✓
Beach St ✓
Blackinton Corners ✓
Broad Cove ✓
Camden St ✓
Cedar St ✓
Crescent Beach ✓
Crescent St ✓
Crockett Point ✓
Cutters Nubble ✓
Deep Cove ✓
Dodge Point ✓
Dodge Point Ledge ✓
Emery Island ✓
Farnsworth Cem. ✓
Glen St ✓
Grace St ✓
Hall Cem. ✓
Head of Bay Cem. ✓
Hendrickson Pt ✓
Holiday Beach ✓
Holiday Beach Cem. ✓
Holmes St ✓
Jameson Pt ✓
Lermond Cove ✓
Limerock St ✓
Lowell Ledge ✓
Main St ✓
Masonic St ✓
Maverick St ✓
Ms 17 ✓
Mechanic St ✓

Middle St ✓
Monroe Island ✓
New County Rd. ✓
North Main St ✓
Ocean St. ✓
Old County Rd. ✓
Owls Head (both hilland town) ✓
Owls Head Bay ✓
Owls Head Harbor ✓
Park St ✓
Pleasant St ✓
Rankin St ✓
Rockland ✓
Rockland City Limit ✓
Rockland Harbor ✓
Rockland Golf Club ✓
Rockland Municipal Airport ✓
Rockport (town) ✓
Samoset Cem. ✓
Seal Ledge ✓
Shag Rock ✓
Sheep Island ✓
South Thomaston (town) ✓
Summer St ✓
Talbot Ave ✓
Thomaston St ✓
US 1 ✓
US 1A ✓
US 1 North ✓
US 1 South ✓
Wald St ✓
Warren St ✓
Water St ✓
West Penobscot Bay ✓

Rockland Breakwater ✓
Ingraham Hill ✓
Post Hill ✓
Maine Central ✓
Owls Head Elem. School ✓
Owls Head Baptist Church ✓
Rockland South School ✓
Gooseberry Knobs ✓
(see F Edit Report)

Names approved
6-15-55

GEOGRAPHIC NAMES

11129 S

Andrews Island ✓
Ash Island ✓
Ash Point ✓
Ash Point (town) ✓
Ballyhac Cove ✓
Birch Island ✓
Birch Point ✓
Camp Island ✓
Channel Rock ✓
Clam Ledges ✓
Crescent Island ✓
Cutters Nubble ✓
Dix Island ✓
Dix Island Harbor ✓
Dyer Point ✓
Eben Island ✓
Elwell Point ✓
False Whitehead Harbor ✓
Fisherman Island ✓
Fisherman Island Passage ✓
Garden Island ✓
Great Pond Island ✓
High Clam Ledge ✓
High Island ✓

Little Green Island ✓
Little Pond Island ✓
Lucia Beach ✓
Marblehead Island ✓
Muscle Ridge Channel ✓
Nabby Cove ✓
Oak Island ✓
Otter Island ✓
Otter Point ✓
Pleasant Beach ✓
Rockland Breakwater (N. half) ✓
Rockland Municipal Airport ✓
Sheep Island ✓
Spaulding Island ✓
Spectacle Island ✓
Spruce Head Island (one word) ✓
The Neck ✓
Thorndike Point (Thorndike) ✓
Tommy Island ✓
Waterman Beach ✓
Waterman Point ✓
Weskeag River ✓
West Penobscot Bay ✓

Muscle Ridge Islands ✓
Emery Island (also on other list) ✓
Crockett Point (not the one on N. half) ✓
Poverty Hump ✓
Ginn Point ✓
Howie Rock ✓
Grace Rock ✓

Names approved
6-15-55.
L. Heck

Cushing Point
Gooseberry Knob
Little Island

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

STRIKE OUT ONE

Rockland, Maine

27 October, 1953

I recommend that the following objects which have ~~(have not)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(deleted from)~~ the charts indicated.

The positions given have been checked after listing by

Paul Taylor

Chief of Party.

Comdr. USC&GS

STATE		MAINE		POSITIONS						METHOD OF LOCATION AND SURVEY No.		DATE OF LOCATION		HARBOR CHART		INSHORE CHART		OFFSHORE CHART		CHARTS AFFECTED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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✓ SEAL LEDGE DAY BEACON		T 11124-N	44	05.0	580.1	69	05.0	1253.2	NA	Tri	1943	X	X	X	X	209.310	209.310																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
✓ ROCKLAND BREAKWATER LIGHT, 39 ft. high		"	44	06.0	440.0	69	04.0	912.3	"	"	1902	X	X	X	X	209.310	209.310																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
✓ SHAG ROCK DAY BEACON, 55 ft. high		"	44	05.0	1337.6	69	02.0	1299.1	"	"	1934	X	X	X	X	209-310	209-310																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
✓ DODGE POINT LEDGE DAY BEACON, 24 ft. high		"	44	05.0	243.0	69	02.0	1046.0	"	Photo Plot	T-8009 1943	X	X	X	X	209-310	209-310																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
✓ COWLS HEAD LIGHT HOUSE, 100 ft. high		"	44	05.0	973.8	69	02.0	903.6	"	Tri	1858	X	X	X	X	209-310	209-310																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
✓ MONROE ISLAND LIGHT, 32 ft. high		"	44	04.0	1390.0	69	01.0	1285.0	"	Photo Plot	T-8009 1943	X	X	X	X	209-310	209-310																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
✓ EMERY ISLAND DAY BEACON, 28 ft. high		"	44	03.0	1461.0	69	03.0	1171.0	"	"	T-8009 1943	X	X	X	X	209-310	209-310																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
✓ ASH ISLAND DAY BEACON, 31 ft. high		11129-S	44	02.4	759.0	69	04.0	06.3	"	Tri	1953	X	X	X	X	310-322	310-322																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
✓ OTTER ISLAND DAY BEACON, 50 ft. high		"	44	01.0	643.8	69	04.0	579.7	"	"	1934	X	X	X	X	310-322	310-322																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
✓ OTTER ISLAND LEDGE DAY BEACON, 29 ft. high		"	44	01.0	927.8	69	04.0	1162.8	"	"	1859	X	X	X	X	310-322	310-322																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
✓ GARDEN ISLAND LEDGE DAY BEACON, 27 ft. high		"	44	00.0	1440.7	69	05.0	1041.6	"	"	1859	X	X	X	X	310-322	310-322																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
RADIO MAST Rockland Radio Mast 285 ft. high (300)		X	44	06.0	710.0	69	06.0	724	"	Photo Plot	1953	X	X	X	X	310-322	310-322																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
For accurate positions see G.P. lists or forms 584 filed under T-8009																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Land marks

~~TO BE DELETED~~

STRIKE OUT ONE

Rockland, Maine

27 October

1953

I recommend that the following objects which have ~~three~~ ^{been} inspected from seaward to determine their value as landmarks be charted on ~~(deleted from)~~ the charts indicated.

The positions given have been checked after listing by

Paul Taylor

Comdr. USCGS

Comdr. USCGS

[illegible]

PHOTOGRAMMETRIC OFFICE REVIEW

T- 11129

1. Projection and grids ☒ 2. Title ☒ 3. Manuscript numbers ☒ 4. Manuscript size ☒

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy ☒ 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) ☒ 7. Photo hydro stations ☒ 8. Bench marks ☒
9. Plotting of sextant fixes ☒ 10. Photogrammetric plot report ☒ 11. Detail points ☒

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline ☒ 13. Low-water line ☒ 14. Rocks, shoals, etc. ☒ 15. Bridges ☒ 16. Aids to navigation ☒ 17. Landmarks ☒ 18. Other alongshore physical features ☒ 19. Other along-shore cultural features ☒

PHYSICAL FEATURES

20. Water features ☒ 21. Natural ground cover ☒ 22. Planetable contours ☒ 23. Stereoscopic instrument contours ☒ 24. Contours in general ☒ 25. Spot elevations ☒ 26. Other physical features ☒

CULTURAL FEATURES

27. Roads ☒ 28. Buildings ☒ 29. Railroads ☒ 30. Other cultural features ☒

BOUNDARIES

31. Boundary lines ☒ 32. Public land lines ☒

MISCELLANEOUS

33. Geographic names ☒ 34. Junctions ☒ 35. Legibility of the manuscript ☒ 36. Discrepancy overlay ☒ 37. Descriptive Report ☒ 38. Field inspection photographs ☒ 39. Forms ☒40. C.E. Cook M. Keller
Reviewer Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

Compiler_____
Supervisor

43. Remarks:

Field Edit Report
Project 104 Me.
Quadrangle T-11129

51. Methods. All roads were ridden over to check their classification, to classify buildings, to investigate questioned areas and to visually check contours and planimetry.

The Muscle Ridge Island group, located in the southeast corner of the quadrangle, was visited by skiff. The contour accuracy, on several of these islands, was checked by standard plane-table methods, using elevations established from tide curves which were constructed from the predicted tides. The results of this testing is shown on the plane-table sheet for the south one half of the quadrangle. All field inspection of these islands is also shown on the plane-table sheet.

As part of the Muscle Ridge Islands are within the north one half of quadrangle T-11133, some of the contours in that area were checked for accuracy. The results of this testing and some notes to the Reviewer are shown on a light weight sheet of T-11133N and is being submitted with this quadrangle.

Field edit information is to be found on the following: 2 field edit plane-table sheets, N&S $\frac{1}{2}$, 2 discrepancy prints N&S $\frac{1}{2}$, 2 field edit sheets N&S $\frac{1}{2}$, 1 summary and abstract form, 13 ratio prints of photographs Nos. GS-PE 1-74, 1-79, 1-80, 1-81, 1-96, 1-97, 2-23 thru. 2-25 and 2-30 thru 2-33. (Photograph 2-32 previously submitted to the Washington Office concerning limits of the Rockland Municipal Airport.)

A legend appears on each sheet as to the color inks used.

52. Adequacy Of Compilation. The compilation is near adequate and will be complete with the application of the field edit data.

53. Map Accuracy. No horizontal accuracy test was made in this quadrangle.

Vertical accuracy tests were made of the north and south halves of the quadrangle. The test areas are labeled on the plane-table sheets and the summary and abstract form combines the two areas. In the areas, shown as vertical test areas, sixty four points on various contours were tested. After application of the 1.22 mm allowable shift, ninety five percent of the points had an error of less than one half contour interval.

Testing of contours in some other areas disclosed some errors that were either corrected or elevations established so the contours could be corrected with the plotters.

54. Recommendations. None offered.

55. Examination Of The Proof Copy. No one was requested to examine a proof copy of the map.

The small island at Lat. 44-01-05, Long. 69-03-35 is known locally as Gooseberry Knob. The deed for the island describes it as having that name and this information is verified by the following references... 7, 8, 9 and 10.

The island at Lat. 44-00-45, Long. 69 02 50 is locally known as Woody

Pond Island instead of Little Pond Island. This information is verified by the following references... 5, 6, 7, 8 and 9.

The island at Lat. 44-00-35, Long. 69-03-00 is locally known as Pond Island instead of Great Pond Island. This information is verified by the following references.... 5, 6, 7, 8 and 9.

The point of land at Lat. 44-02-50, Long. 69-04-30 is locally known as Rocky Point instead of Ash Point. This information is verified by the following references... 1, 2, 3 and 4.

The river at Lat. 44-02-25, Long. 69-07-30 is believed to be mis-spelled. There is a Grange Hall in South Thomaston that is named "Wessaweskeag". References 1, 2, 3 and 4 all declare the name of the river is the same as the Grange. Weskeag R is G & N decision L.H.

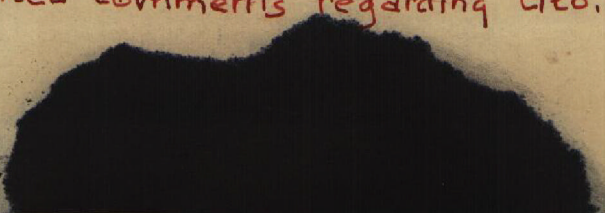
The following names are submitted as references;

1. Mr. E. D. Curtis, Owls Head, Me., resident of area 40 years.
2. Mr. Clifford Dennison, South Thomaston, Me., resident of area 45 years.
3. Mr. Harvey Cline, Star Route 1282, Owls Head, Me., resident of area 35 years.
4. Mrs. Arthur Brown, Star Route 1282, Owls Head, Me., resident of area 45 years.
5. Mr. Austin Scott, South Thomaston, Me., resident of area 25 years.
6. Mr. Morris Smith, 16 Marine Street, Rockland, Me., resident of area 15 years.
7. Mr. Orrin B. Scammon, Box 816, Rockland, Me., resident of area 25 years.
8. Mr. M. E. Oliver, 20 Clanendon Street, Rockland, Me., resident of area 25 years.
9. Mr. Elmer Small, Star Route 1282, Owls Head, Me., resident of area 20 years.
10. Mr. John E. Rackliff, Box 816, Rockland, Me., resident of area 25 years.

Respectfully submitted,
September 21, 1955

Elgan T. Jenkins
Elgan T. Jenkins
Cartographer

See attached comments regarding Geo. Names Conflicts.



T-11129

Comments on Field Edit Report re names, from Geographic Names Section:

* 1) The new name Gooseberry Knob can be applied at once;

2) The name Weskeag River is a decision of the Board on Geographic Names, in which the form Wessaweskeag is specifically rejected.

However, since this longer form was reported as the local usage by Anderson in 1940, the conflict was referred to the BGN for a possible revision in 1941, but a new decision has never been rendered. Pending a revised decision, the form Weskeag---which appears on GS and other maps, as well as our charts---will have to be continued;

3) As to the three other conflicts between charted and local usage:

Ash/Rocky Point; Great Pond Island/Pond Island (also reported as Big Pond Island in the Project Names Report of 1953); and Little Pond Island/Woody Pond Island, all of the charted names have been used for nearly 100 years, and are found on GS and other maps, as well as on several nautical charts. Consequently, pending action by the BGN---to which they will be duly referred--- the old names should be continued.

4-18-56.

L. Heck

* applied by Reviewer

No changes made in other names

TOPOGRAPHIC MAPPING

Summary & Abstract of Vertical Accuracy Test

Project No. Ph 104 Quad. No. T11129 Quad. Name Rockland
 Method of Testing Standard Plane-table Profile
 Tested by E.T.J. Date August, 1955 Evaluated by E.T.J.
 Contour interval 10 ft. 1.22 M.M. allowable shift at 1-10,000
 map or manuscript scale.

64 Total number of points tested

95 % of points within $\frac{1}{2}$ contour interval or better

61 Test points correct within $\frac{1}{2}$ contour interval

0 Test points in error between $\frac{1}{2}$ and full contour interval

3 Test points in error over full contour interval

Test Elev.	Map Elev.	Error	Error after shift	Remarks	Test Elev.	Map Elev.	Error	Error after shift	Remarks
41	41	0.0	-	-	72	70	2.0	0.0	-
65	65	0.0	-	-	63	63	0.0	-	-
72	70	2.0	0.0	-	83	80	3.0	0.0	Contour Corrected
83	80	3.0	2.0	-	= South $\frac{1}{2}$ =				
89	90	1.0	0.0	-	40	40	0.0	-	-
96	100	4.0	1.0	-	49	50	1.0	0.0	-
99	90	1.0	0.0	-	58	60	2.0	0.0	-
101	100	1.0	0.0	-	73	70	0.0	-	-
112	110	2.0	0.0	-	84	80	4.0	3.0	-
120	120	0.0	-	-	93	90	3.0	1.0	-
130	130	0.0	-	-	97	97	Top elevation		
143	140	3.0	0.0	-	91	90	1.0	0.0	-
153	150	3.0	0.0	-	82	80	2.0	0.0	-
166	160	6.0	1.0	Contour Corrected	72	70	2.0	1.0	-
172	170	2.0	0.0	-	65	60	5.0	4.0	Contour Corrected
178	180	2.0	0.0	-	50	50	0.0	-	-
188	190	2.0	0.0	-	39	40	1.0	0.0	-
202	191	11.0	4.0	Contour Corrected	29	30	1.0	0.0	-
209	195	14.0	11.0	Contour Corrected	20	20	0.0	-	-
208	188	20.0	17.0	Contour Corrected	15	10	5.0	0.0	-
203	187	16.0	13.0	Contour Corrected					
190	190	0.0	-	-	99	100	1.0	0.0	-
179	180	1.0	0.0	-	90	90	0.0	-	-
173	170	3.0	1.0	-	81	80	1.0	0.0	-
163	160	3.0	0.0	-	72	70	2.0	0.0	-
152	150	2.0	0.0	-	62	60	2.0	0.0	-
152	150	2.0	0.0	-	52	50	2.0	0.0	-
139	140	1.0	0.0	-	44	40	4.0	0.0	-
130	130	0.0	0.0	-	31	30	1.0	0.0	-
122	120	2.0	0.0	-					
112	110	2.0	0.0	-					
113	110	3.0	3.0	Contour					
111	104	7.0	4.0	Contour					
103	100	3.0	0.0	-					
93	90	3.0	0.0	-					

Review Report
Topographic Map
T-11129
April 1956

61. General Statement:

See summary report.

62. Comparison with Registered Topographic Surveys:

T-1151	1:10,000	1869
1160	"	1870
1287	"	1871
8008	"	1941-43
8009	"	1941-44

Comparison with above surveys indicates no differences of significance except in cultural details. T-11129 supersedes all above surveys in common areas as source material for charts.

63. Comparison with Maps of Other Agencies:

SE/4 of USGS ROCKLAND, 1:62,500, 1906 (reprint 1946), 20-ft. contour interval

Considering differences in scale there is fair general agreement in the drainage and relief expressed by the two maps. Part of the drainage in the city of Rockland is now underground and is not completely mapped by T-11129.

64. Comparison with Contemporary Hydrographic Surveys:

H-7831	1:10,000	1950
8259 (boat sheet)	"	1955
8175 " "	"	1955

Significant differences with above surveys were resolved by this Reviewer. Hydrography is to be applied at a later date.

65. Comparison with Nautical Charts:

Chart 322	1:40,000	1950 (52-5/26)
209	1:20,000	1953 (55-10/31)

No significant differences noted except in interior cultural detail and in elevations published on Fisherman, Otter and Tommy Islands.

66. Adequacy of Results and Future Surveys:

This map complies with all instructions and with the National Standards of Map Accuracy (see Field Edit Report). It is of adequate accuracy for use as a base for hydrographic surveys.

Reviewed by:

John M. Neal
John M. Neal

APPROVED:

L. C. Landy
Chief, Review and Drafting Section
Photogrammetry Division

Max Brackets
Chief, Nautical Chart Branch
Charts Division

Art J. Dunn
Chief, Photogrammetry Division

W. J. Sullivan
Chief, Coastal Surveys Division

NAUTICAL CHARTS BRANCH

SURVEY NO. 11129

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
5/26/60	322	G.R. Willmann	Before After Verification and Review
8-31-61	313	G.R. Johnson	Before After Verification and Review Part. App.
5-16-62	310	G.R. Willmann	Before After Verification and Review
6-4-63	1203	M. Rogers	Before After Verification and Review thru chart 310
6-28-63	322	M. Rogers	reconstruct. Fully applied Before After Verification and Review thru the Reconstruction of 310.
7-9-63	313	M. Rogers	Fully applied Before After Verification and Review thru records of 310
7/30/69	209	O. Chapman	Fully applied Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review

M.2168-1

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