

11133  
N/S

Daig. 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-11133

LOCALITY

State Maine

General locality West Penobscot Bay

Locality Rockland

194 52-55

CHIEF OF PARTY

Paul Taylor, Chief of Field Party  
L.W. Swanson, Div. of Photo. Wash., D.C.

LIBRARY & ARCHIVES

DATE May 12, 1958

B-1670-1 (1)

11133

## DATA RECORD

T - 11133

Project No. (II): **Ph-104**

Quadrangle Name (IV):

Field Office (II): **Rockland, Maine**Chief of Party: **Paul Taylor**

Photogrammetric Office (III):

Officer-in-Charge: **L. W. Swanson**Instructions dated (II) (III): **13 April 1953**

Copy filed in Division of

**Supplement I dated: 29 April 1953**

Photogrammetry (IV)

Method of Compilation (III): **Kelsh Plotter and Planetable**Manuscript Scale (III): **1:10,000**Stereoscopic Plotting Instrument Scale (III): **1:10,000**

Scale Factor (III):

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV): **20 Jan 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): **False Whitehead**Lat.: **43° 59' 53.183**Long.: **69° 06' 44.745**

Adjusted

~~Unadjusted~~

Plane Coordinates (IV):

State:

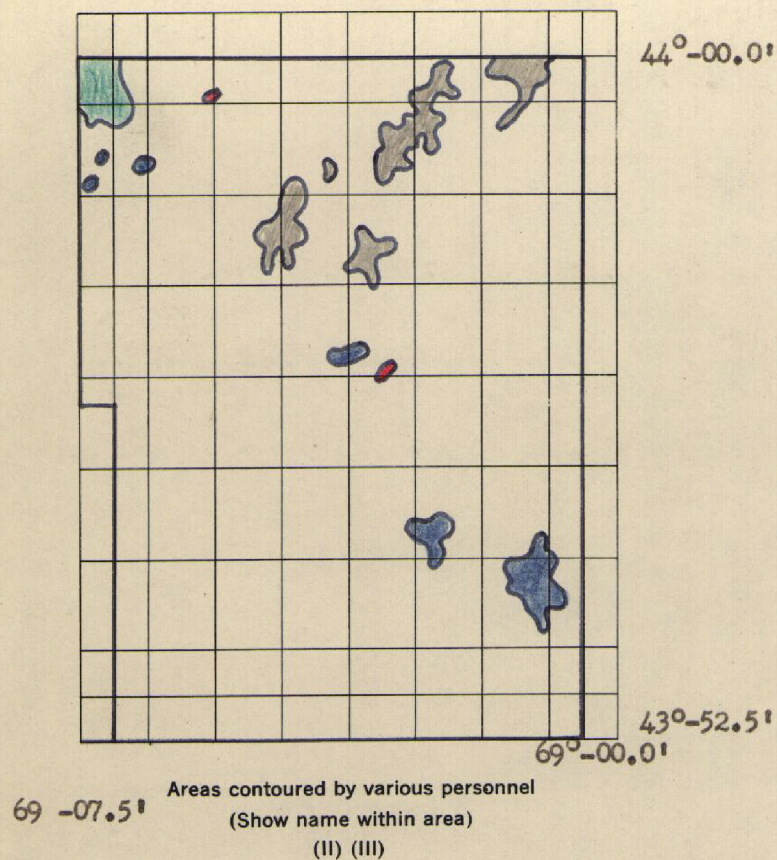
Zone:

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.



Red - Contouring by Martin C. Moody  
 Blue - Contouring by John R. Smith  
 Black - Kelsh Plotter - C. E. Cook  
 Green - " " - I. Jarrett

## DATA RECORD

Field Inspection by (II): James A. Clear, Jr., Carto. Surv. Aid  
Warren M. Gottschlich, Carto. Surv. Aid Date: Sept. to Oct., 1953

Planetable contouring by (II): Martin C. Moody, Carto. Surv. Aid  
John R. Smith, Carto. Surv. Aid Date: August, 1953

Completion Surveys by (II): Date:

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

See Project Instructions, Paragraph 18, 13 April 1953

*also summary*

Projection and Grids ruled by (IV): A. Riley Date:

Projection and Grids checked by (IV): Date:

Control plotted by (III): C. E. Cook N/2  
E. H. Taylor S/2 Date: Nov. 1953  
Jan. 1954

Control checked by (III): S. W. Trow N/2  
A. K. Heywood S/2 Date: Nov. 1953  
Feb. 1954

Radial Plot or Stereoscopic No control extension was necessary.  
Control extension by (III): Each model was set on control Date:

Stereoscopic Instrument compilation (III):  
Planimetry } C. E. Cook  
Contours } I. Jarrett Date: May 1955  
Date: Feb. 1954

Manuscript delineated by (III): J. McDonald  
A. K. Heywood Date: May 1955  
Feb. 1954

Photogrammetric Office Review by (III): M. Keller Date: May 1955

Elevations on Manuscript  
checked by (II) (III): M. Keller Date: May 1955



Camera (kind or source) (III):

J. Camera and U.S.G.S.

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide
		Time			Referred to MLW
C&GS 52-J					
2177 to 2182	6-16-52	12:35 EST		1:10,000	0.4
2171 to 2175	6-16-52	12:30 EST		1:10,000	0.4
2150 to 2154	6-16-52	12:20 EST		1:10,000	0.3
3082 to 3073	7-14-52	9:22 EST		1:9400	0.7
USGS					
1-22 to 1-26	4-3-53	9:10		1:17,000	2.1

Tide (III)

Reference Station: Portland  
 Subordinate Station: Dyer Point  
 Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
	8.9	10.2
	9.6	10.9

Washington Office Review by (IV):

Date:

Final Drafting by (IV): *A.P. Berry*Date: *11-6-57*Drafting verified for reproduction by (IV): *Wm. Hallin*Date: *12-11-57*

Proof Edit by (IV):

Date:

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

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

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

Control Leveling - Miles (II): *Mileage Not Computed.*

Elevations Established from Tide.

Number of Triangulation Stations searched for (II): 8

Recovered: 6 Identified: 4

Number of BMs searched for (II): None

Recovered: Identified:

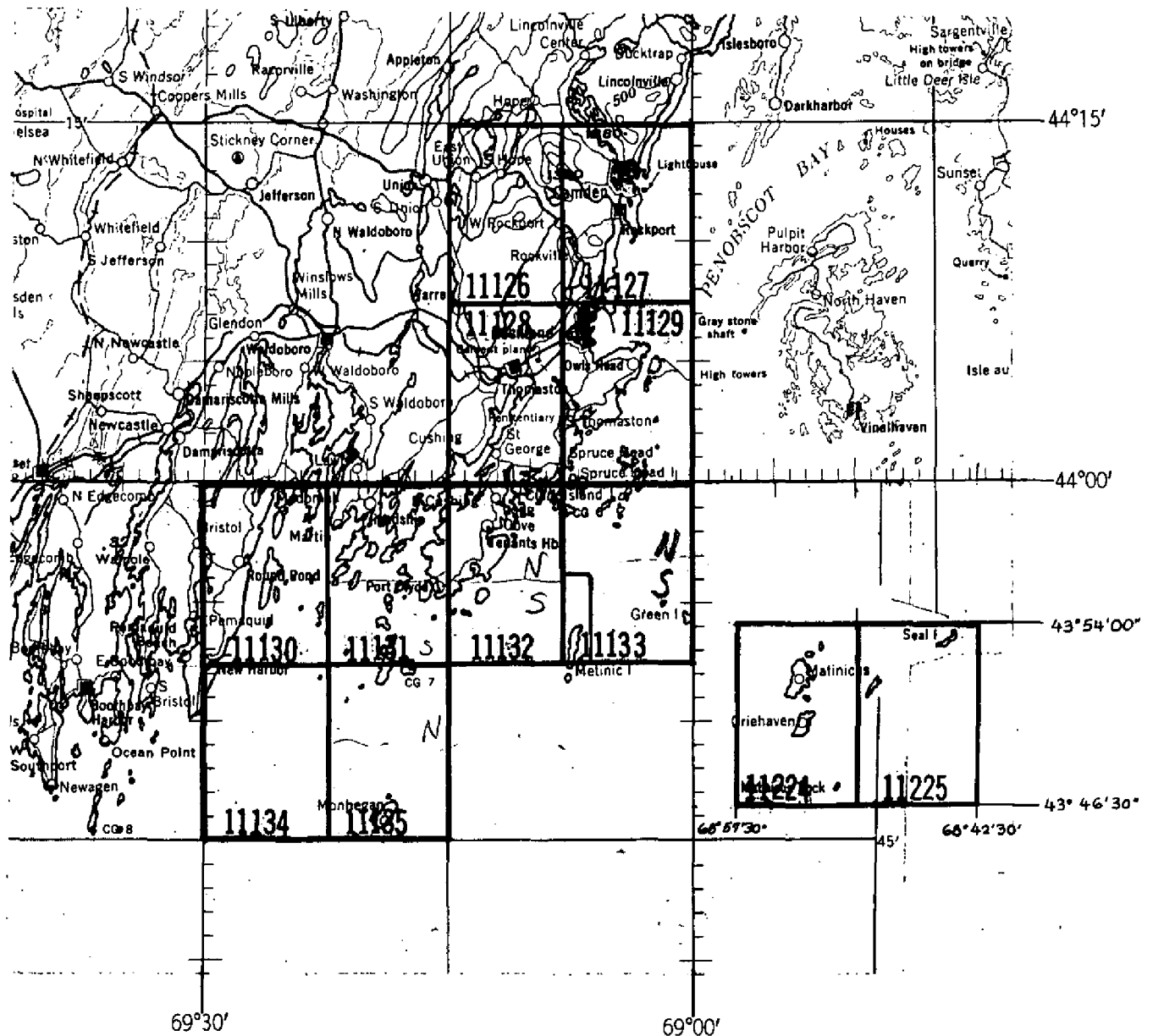
Number of Recoverable Photo Stations established (III):

Number of Temporary Photo Hydro Stations established (III):

Remarks:

# TOPOGRAPHIC MAPPING PROJECT PH- 104

## ROCKLAND, MAINE and VICINITY



### OFFICIAL MILEAGE FOR COST ACCOUNTS

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
<b>TOTALS</b>	<b>202</b>	<b>298</b>

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

2. AREAL 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  
RACKLEYS 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
D-18	"	"
Tidal 10	"	"
OWLS HEAD, PENOBSCOT BAY TBM 1	"	Not Known
" " " " TBM 3	"	"
" " " " TBM 4	"	"
ROCKLAND, PENOBSCOT BAY TBM USGS	"	"
" " " TBM 1	"	"
" " " TBM 2	"	"
" " " TBM 3	"	"
DIX ISLAND, MUSCLE RIDGE CHANNEL	"	"
PENOBSCOT BAY TBM 2	"	"
MON. 194	Maine Geodetic Survey	Third
" 195	"	"
" 196	"	"
" 197	"	"

Vertical control points for Multiplex and Kelsh Plotter contouring were established in accordance with project instructions for all of the area, with the exception of Metinic 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 Metinic 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 Kelsh 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 C. 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, Owls 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 pricked 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 <sup>A?</sup>

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*  
Joseph K. Wilson,  
Cartographer

26 October 1953  
Approved by:

*Paul Taylor*  
Paul Taylor  
Commander, USC &GS  
Chief of Party

PROJECT NO.....	Ph-104	SCALE OF MAP.....	1:10,000	SCALE FACTOR.....	1.000
MAP T-11133					

[illegible]



## COMPILATION REPORT

T-11133

8 June 1955

### 31. DELINEATION

Kelsh Plotters A and B in the Washington Office were used in the compilation of the N. Half of the map manuscript. Some areas, as indicated on the compilation index, were contoured by planetable in the field. The S. half was compiled in the Baltimore Office from a field corrected and contoured copy of T-8007.

### 32. CONTROL

Horizontal and vertical control was satisfactory. There was adequate horizontal control to set the Kelsh models individually. Models were levelled on the MHW line.

### 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 Map T-8007. The shoreline was corrected in several areas after careful inspection of the stereoscopic model. The approximate MLW line was detailed from the low water photographs.

### 36. OFFSHORE DETAILS

Rocks awash; Northern Triangles, Southern Triangles, Halibut Rock, Stallion Ledge and South Breaker, shown on Nautical Chart 322, are not shown on the map manuscript. They could not be located by photogrammetric means since they are too far off shore.

### 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-11129 to the north and T-11132 to the west. T-11132 has been extended to the east to include Metinic Island. The western limit of the south half of this manuscript is 69° 07'.

40. HORIZONTAL AND VERTICAL ACCURACY

Not applicable.

46. COMPARISON WITH EXISTING MAPS

USGS Tenants Harbor Quad. 1:62,500 1906 (Reprint 1947)  
Planimetric Map T-8007 1:10,000 1941

47. COMPARISON WITH NAUTICAL CHARTS

Nautical Chart No. 322 1:40,000 1950, corr. 1952

See Paragraph 36.

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:

W Gable House 1944

Lit 1944

Submitted by:

*C. E. Cook*

C. E. Cook

Approved by:

*Charles Theurer*

C. Theurer

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

## NONFLOATING AIDS OR LANDMARKS FOR CHARTS

STRIKE OUT ONE

TO BE CHARTED

~~TO BE DELETED~~

Rockland, Maine 27 October, 1953

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

The positions given have been checked after listing by

Paul Taylor

*Chief of Party.*

[illegible]



DATA ON T-11133S

Ph-104

This data may be included in the Compilation Report written by the Washington office.

All data in the manuscript completed from Loftrite Sheet T-8007.

Compilation by	-	A. K. Heywood	2/27/54
Projection and Grids	-	Austin Riley	9/23/53
Checked by	-	H. D. Wolfe	9/24/53
Control Plotted	-	E. H. Taylor	1/11/54
Control Checked	-	A. K. Heywood	2/27/54

\* A Form 526 was submitted for "Green Island Westernmost Bldg.". This station is not shown on the sheet. Careful consideration should be given to this station by referring to the following data:

1. 526, Recovery Card
2. Station description on 535, Supplement page 19.
3. Compilation Report on T-8006 and Preliminary Report on Large and Little Green Islands.

\* In the absence of an original description (1913) the sta. is considered as lost. The 1943 & 1953 surveys do not prove recovery.

*Jmu* 4/56



# GEOGRAPHIC NAMES

Survey No.

T- 11,133

No. 1

Name on Survey

	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
A	B	C	D	E	F	G	H	K	
✓ <u>Green Island Seal Ledges</u>				✓					1
✓ <u>Herring Ledge</u>				✓	✓				2
✓ <u>Large Green Island</u>				✓	✓				3
✓ <u>Little Green Island</u>				✓	✓				4
✓ <u>Two Bush Channel</u>				✓					5
✓ <u>Two Bush Island</u>				✓					6
✓ <u>Two Bush Reef</u>				✓					7
✓ <u>Little Two Bush Island</u>				✓					8
✓ <u>Cow Island</u>				✓					9
✓ <u>Pleasant Island</u>				✓					10
✓ <u>Graffam Island</u>				✓					11
✓ <u>Miscle Ridge Islands</u>				✓					12
✓ <u>Mink Island</u>				✓					13
✓ <u>Home Harbor</u>				✓					14
✓ <u>Bar Island</u>				✓					15
✓ <u>Flag Island</u>				✓					16
✓ <u>Hurricane Island</u>				✓					17
✓ <u>Hewell Island</u>				✓					18
✓ <u>Hewell Island Rocks</u>				✓					19
✓ <u>Yellow Ledge</u>				✓					20
✓ <u>Nash Point</u>				✓					21
✓ <u>Andrews Island</u>				✓					22
✓ <u>Nettle Island</u>				✓					23
✓ <u>Glam Ledges</u>				✓					24
✓ <u>Miscle Ridge Channel</u>				✓					25
✓ <u>Sprucehead Island</u>				✓					26
✓ <u>Burnt Island</u>				✓					27

(an old BGN decision, to be used pending its possible revision)



# GEOGRAPHIC NAMES

Survey No.

T-11,133

No. 2

Name on Survey

	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
A	B	C	D	E	F	G	H	K	
✓ Seal Island	✓								1
✓ Yellow Ridge Island	✓								2
✓ Whitehead Island	✓								3
									4
Names approved May 17, 1955.									5
h. Heck.									6
Names of Rocks ledges and other hydro									7
names will be added from the chart									8
or hydro surveys when hydro is									9
applied									10
Jmm. 4/'56									11
									12
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									27

## PHOTOGRAMMETRIC OFFICE REVIEW

T. 11133

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. Forrest Keller Charles L. Luman  
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:

M-2623-12

FIELD EDIT REPORT  
Quadrangle T-11133

51. METHODS. As instructed, by the Reviewer, only Sprucehead and Burnt Islands were field edited. These islands were inspected by riding over all roads to check their classification, to classify buildings, to add new features and to visually check the expression of the contours.

Standard plane-table methods were used for the vertical accuracy test and for the addition of some new features.

All additions, corrections and deletions are shown on the field edit sheet or cross referenced to the photograph. All additions and corrections are shown in violet ink and green ink was used for all deletions. No legend appears on the field edit sheet describing the color inks used.

Field edit information appears on the field edit sheet and one ratio photograph # GS-PE 172

52. ADEQUACY OF COMPILATION. The map 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 of the map. Plane-table traverses, between mapped features, checked well, indicating the features have relatively good position.

Forty points on various contours were checked for vertical accuracy. After application of the allowable horizontal shift, 97 per cent of the contours checked were found to have less than one half a contour interval error.

54. RECOMMENDATIONS . None offered.

55. EXAMINATION OF PROOF COPY. No one was requested to examine a proof copy of this map.

Respectfully submitted,  
August 11, 1955

*Elgan T. Jenkins*  
Elgan T. Jenkins  
Cartographer



# TOPOGRAPHIC MAPPING

## Summary & Abstract of Vertical Accuracy Test

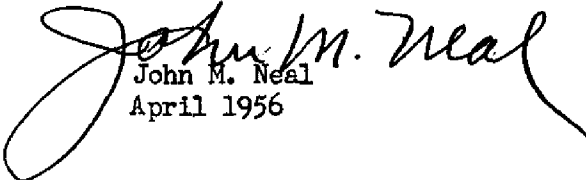
Project No. Ph-104 Quad. No. T-1133 Quad. Name TENANTS HARBOR  
 Method of Testing Standard Plane-table Profile  
 Tested by E.T.J. Date August 5, 1955 Evaluated by E.T.J.  
 Contour interval 10 ft. 1.22 M.M. allowable shift at 1-10,000  
 map or manuscript scale.

40 Total number of points tested  
97 % of points within  $\frac{1}{2}$  contour interval or better  
39 Test points correct within  $\frac{1}{2}$  contour interval  
1 Test points in error between  $\frac{1}{2}$  and full contour interval  
0 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
14	10	4.0	4.0	Contour Corrected	39	41	2.0	1.0	Cont. Corrected
20	20	0.0	-		36	40	4.0	0.0	
29	30	1.0	0.0		32	30	2.0	0.0	
42	40	2.0	0.0		29	30	1.0	0.0	
53	50	3.0	0.0		37	40	3.0	0.0	
60	60	0.0	-						
50	42	8.0	0.0						
22	20	2.0	0.0						
27	30	3.0	1.0						
35	40	5.0	2.0	Contour Corrected					
42	50	8.0	2.0	" "					
24	24	0.0	-						
29	29	0.0	-						
48	48	0.0	-						
22	20	2.0	0.0						
31	30	1.0	0.0						
43	40	3.0	1.0						
53	50	3.0	2.0						
62	60	2.0	0.0						
71	70	1.0	0.0						
83	80	3.0	1.0						
86	86	0.0	-						
83	80	3.0	0.0						
73	70	3.0	2.0						
68	68	0.0	-						
59	60	1.0	0.0						
60	60	0.0	-						
66	70	4.0	0.0	Contour Corrected					
73	80	7.0	6.0	Contour deleted					
79	82	3.0	3.0	Contour deleted					
74	80	6.0	5.0	" "					
52	63	11.0	2.0	Cont. Corrected					
49	50	1.0	0.0						
40	40	0.0	-						
30	32	2.0	1.0						

Summary to Accompany  
Descriptive Report  
T-11133

Topographic Map T-11135 is one of 12 similar maps in Project 6104. This map includes part of Sprucehead I, the Muscle Ridge Islands, Two Bush Channel and the Green Islands. The shoreline and planimetry were compiled from T-8007 and corrected to 1953 by 1952-53 photographs, partial shoreline inspection, complete interior inspection and a 1955 field edit of Sprucehead and Burnt Islands. A field edit of the other islands was not made due to sparse cultural detail; however, the mapping of all the islands is considered as of date 1955. Other field work preceding compilation included planetable contouring and leveling to provide vertical control for instrument contouring. The manuscript is in 2 sheets, one 3-3/4' in lat. by 7.5' in long.; the other 3-3/4 in lat. by 7' in long. The map is to be published by the Geological Survey at scale 1:24,000 as a topographic quadrangle. Registered copies under T-11133 will include 2 half-quadrangle cloth mounted prints (10,000 scale) designated as T-11133-N and T-11133-S and a cloth mounted color print of the published quadrangle.

  
John M. Neal  
April 1956

Review Report  
Topographic Map  
T-11133  
April 1956

61. General Statement:

See Summary Report.

62. Comparison with Registered Topographic Surveys:

T-959	1:20,000	1864
1081	1:10,000	1868
1151	"	1869
1287	"	1871
8007	"	1941-44

Comparison between T-11133 and the above surveys indicates no important differences critical to nautical charting. T-11133 supersedes all above surveys (in common areas) as source material for charting purposes.

63. Comparison with Maps of Other Agencies:

Comparison was made with:

NE/4 of USGS TENANTS HARBOR, 1:62,500, 20 ft. contour interval, 1906 (reprint 1947)

Top elevations indicated on above map on most of the islands are lower by about 20 ft. as compared with T-11133.

64. Comparison with Contemporary Hydrographic Surveys:

H-7054	1:10,000	1945
8175 (Boat Sheet)	"	1955
8176 " "	"	1954
8259 " "	"	1955

All significant differences between above surveys and T-11133 have been resolved in this review. Hydrography will be applied to T-11133 at a later date.

65. Comparison with Nautical Charts:

Chart 322	1:40,000	1950 (52-5/26)
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T-11133 provides the location of the terminal of a new submerged cable on Sprucehead I; otherwise, no significant differences are noted.

66. Adequacy of Results and Future Surveys:

T-11133 complies with all instructions and with the National Standards of map accuracy as evidenced by the Field Editor's Report. Accuracy of the map is adequate for future use as a base for hydrographic surveys.

Reviewed by:

John M. Neal  
J. M. Neal

APPROVED BY:

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

Wm. H. Roberts  
Chief, Nautical Chart Branch  
Charts Division

act J. B. Bull  
Chief, Photogrammetry Division

J. B. Russell  
Chief, Coastal Surveys Division

## NAUTICAL CHARTS BRANCH

SURVEY NO. 11133

## Record of Application to Charts

[illegible]

M-2168-1

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