

# 8587

Diag. Cht. no. 1202-1

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

## DESCRIPTIVE REPORT

Type of Survey SHORELINE (PHOTOGRAMMETRIC)

Field No. \_\_\_\_\_ Office No. T-8587

### LOCALITY

State MAINE

General locality COAST OF MAINE

Locality SCHOODIC PENINSULA

194 L-45

### CHIEF OF PARTY

D.E. Sturmer, Chief of Party

F.L. Peacock, Balto. Photo. Office

### LIBRARY & ARCHIVES

DATE Jan 5, 1951

B-1870-1 (1)

8587

## DATA RECORD

T- 8587

Quadrangle (II):

Project No. (II): CS 272

Field Office:

Air Photographic Party, No. 2

Chief of Party:

~~D. E. Sturmer~~  
~~Fred. L. Peacock~~

Compilation Office:

Baltimore Photogrammetric Office

Chief of Party:

Fred. L. Peacock

Instructions dated (II III):

April 1, 1942 (additional). July 10, 1943

(Horizontal Control Requirements). March 18,

April 11, July 17, 1944 (Supplemental). August 10, 1944 (Additional).

August 26, 1944 (Amendment to Additional Instructions). January 10, 1946

Completed survey received in office:

Copy ~~filed~~ in Descriptive  
Report No. ~~7~~ Office (VI)  
PHOTOGRAMMETRY FILES

6-19-46 (Additional)

Reported to Nautical Chart Section: 6-26-46

Reviewed: 8-19-49 Applied to chart No. Date:

Redrafting Completed: ~~12-7-49~~ 6-20-50

Registered: 11-28-50

Published: Not published

Compilation Scale: 1:10,000

Published Scale:

Scale Factor (III): 1.000

Geographic Datum (III): N. A. 1927 Datum Plane (III): MHW

Reference Station (III): SCHOODIC, 1860, r. 1944

Lat.:

Long.:

Adjusted

44° 21' 02.330" 71.9(1780.1) m. 68° 03' 12.622" 279.6(1049.3) m.

~~Unadjusted~~

State Plane Coordinates (VI): Maine East

X =

Y =

Military Grid Zone (VI)



STATISTICS (III)

Land Area (Sq. Statute Miles):  $3\frac{1}{2}$

Shoreline (More than 200 meters to opposite shore):  
18 statute miles

Shoreline (Less than 200 meters to opposite shore):  
 $\frac{1}{2}$  statute mile (measured along approximate centerline)

Number of Recoverable Topographic Stations established: 9, two  
of which are Theodolite Stations.

Number of Temporary Hydrographic Stations located by radial  
plot: 63

Leveling (to control contours) - miles:

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

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

Remarks:

FIELD REPORT  
SURVEY No. T-8587

COAST OF MAINE  
FRENCHMAN BAY  
SCHOODIC PENINSULA  
Project No. CS-272

1. DESCRIPTION OF THE AREA:

According to Instructions dated August 10, 1944, Map Manuscript, Survey No. T-8587 is a shoreline survey. However, according to Instructions dated January 10, 1946, the area north of Latitude  $44^{\circ}20' 20''$  and west of Longitude  $68^{\circ}03' 30''$  is to be delineated in its entirety. Instructions filed in Division of  
Photogrammetry Office Files.

Map Manuscript for Survey No. T-8587 covers the area of the southern part of Schoodic Peninsula, Turtle Island, Schoodic Island, and several other smaller islands in the immediate vicinity.

Immediately adjacent to the Mean High-Water Line, the terrain is, in general, very rocky. The foreshore area is commonly rock ledge with some stretches of sand, gravel, mud, and boulders in the coves.

The interior is mostly tree covered and hilly, the elevation rising from sea level to a maximum of 440 feet at Schoodic Head. Most of the area of Schoodic Peninsula is a part of Acadia National Park.

2. COMPLETENESS OF FIELD INSPECTION:

The identification of the horizontal control, the Mean High-Water Line, the Mean Low-Water Line, foreshore and offshore features are complete except for offlying shoal and sunken reef areas not discernible on the photographs.

3. INTERPRETATION OF THE PHOTOGRAPHS:

Sufficient notes have been made on the field photographs to enable the Compilation Office to augment the field interpretation by analogy where necessary.

4. HORIZONTAL CONTROL:

Two previously established horizontal control stations were recovered in good condition and one of these stations was accurately identified by a Substitute Station. One station, HALE, 1861, was searched for but not found.

4. HORIZONTAL CONTROL: (continued)

Two new Theodolite Stations were established by the Field Unit operating in 1944. These Theodolite Stations were identified by Substitute Stations.

Forms No. 526, Recovery Note, have been submitted to the Baltimore Photogrammetric Office for each of the previously established horizontal control stations.

Forms No. 524, have been submitted for each of the Theodolite Stations.

5. VERTICAL CONTROL:

No vertical control stations were recovered within the area of this survey.

6. DRAINAGE:

Drainage is not identified on the field photographs.

7. MEAN HIGH-WATER LINE:

All of the Mean High-Water Line was inspected from a dinghy kept close to shore or by traversing on foot. Where the Mean High-Water Line could not be directly identified on the field photographs, reference measurements were taken or the distance estimated from some well defined point.

Alongshore rocks, offshore rocks and islets above the plane of Mean High-Water, revealed by photography have been identified on the field photographs with the elevation above the plane of Mean High-Water noted.

Offshore rocks, ledge, and reef areas, revealed by photography, which are covered at Mean High-Water have been identified on the field photographs with the amount to which they cover or uncover at Mean Low-Water noted.

8. MEAN LOW-WATER LINE:

The Mean Low-Water Line was inspected at or near Mean Low-Water whenever practicable.

The position of all of the Mean Low-Water Line has been identified by the Field Units operating in 1944 and in 1945. The approximate position of the Mean Low-Water Line is shown on the field photographs with a dotted green ink line and the true position is shown with a dot and dash green ink line.

9. WHARVES AND SHORELINE STRUCTURES:

One skidway for boats is the only shoreline structure within the area of the survey. It has been identified on the field photograph.

10. DETAILS OFFSHORE FROM THE MEAN HIGH-WATER LINE:

Details outside the foreshore area revealed by photography include several rocks and rock ledge areas that uncover at Mean Low-Water or bare at Mean High-water, small rocky islets, sand, gravel, mud, and boulder areas.

The character of the foreshore area has been indicated on the field photographs. The extent to which several prominent rocks and rock ledge areas uncover at Mean Low-Water, bare at Mean High-Water, or uncover at the time of field inspection with time and date, has been noted on the field photographs. The height of each of the small islets above Mean High-Water has also been noted.

11. LANDMARKS AND AIDS TO NAVIGATION:

One previously charted landmark has been recovered and identified by the Field Unit. This landmark, Winter Harbor Light-house, was located by triangulation in 1861. One previously charted Non-Floating Aid to Navigation has also been recovered and identified on the field photographs.

No new Landmarks or Non-Floating Aids to Navigation are recommended.

12. HYDROGRAPHIC <sup>TOPOGRAPHIC</sup> CONTROL:

9 Recoverable Photo (Topographic) Stations.  
63 Temporary Photo (~~Hydro~~ Topographic) Stations.  
Descriptions have been furnished for all stations.

Forms No. 524 have been submitted for each of the Recoverable Photo (Topographic) Stations.

14. ROAD CLASSIFICATION:

In accordance with the Army War College Circular, dated January 12, 1942, "Classification of Roads". Filed in Division of Photogrammetry Office Files.

18. GEOGRAPHIC NAMES:

No investigation.

COMPILATION REPORT  
MAP MANUSCRIPT, SURVEY No. T-8587

COAST OF MAINE  
FRENCHMAN BAY  
SCHOODIC PENINSULA  
Project No. CS-272

26. CONTROL:

The horizontal control in the area of the Map Manuscript for Survey No. T-8587 consists of eight stations. They are as follows:

5 within the detail limits

<u>Name of Station</u>	<u>Type of Station</u>
COMB, 1944	Topographic (new)
<del>**HALE, 1861</del> ( <i>Considered lost, 1944</i> )	<del>Triangulation</del>
*HOOD, 1944	Topographic (new)
*SCHOODIC, 1860, r. 1944	Triangulation
*WINTER HARBOR LIGHTHOUSE, 1861, r. 1944	Triangulation

3 just outside the detail limits

*GRINDSTONE, 1860, r. 1944	Triangulation
GRINDSTONE NECK STANDPIPE, 1934, r. 1944	Triangulation
*HATHAWAY, 1861, r. 1944	Triangulation

\* Station identified by a Substitute Station. The positions of these Substitute Stations have been shown on the Map Manuscript with very small black acid ink circles accompanied by the note "Sub. Sta." (*Deleted in Review*)

\*\* Not recovered.

All of the above horizontal control stations with the exception of HALE, 1861, were used for controlling the radial plot.

27. RADIAL PLOT:

The radial plot for the area of this Survey is part of a combined plot made with ~~celluloid templates~~. See the Radial Plot Report for Map Manuscripts, Surveys Nos. T-8573 to T-8590 inclusive, T-8594 and T-8595 submitted June 5, 1945.

*A radial plot report covering this sheet, among others, is filed in the Division of Photogrammetry as Special Radial Plot Report, 1945 for Project 27-E.*



28. DETAILING:

The photography and horizontal control available for the compilation of the area of this survey were adequate and no major difficulties were encountered.

Since the instructions for delineating the entire area north of latitude  $44^{\circ}20'20''$  and west of longitude  $68^{\circ}03'30''$  were issued after the completion of the field inspection in that area, there were no field data available for delineating the interior of Schoodic Peninsula. This area was delineated after careful interpretation of the office photographs.

No field data were available for delineating Little Black Ledge and this has been shown as ledge on the Map Manuscript but the extent to which it bares is not known.

30. MEAN HIGH-WATER LINE:

The Mean High-Water Line bordering along firm ground has been delineated in accordance with the field data and has been shown with a solid heavy-weight black acid ink line.

31. MEAN LOW-WATER LINE:

*See Review Report*

The position of the Mean Low-Water Line has been delineated according to the field data. The approximate position of the Mean Low-Water Line has been shown with a dotted black acid ink line. The position of the Mean Low-Water Line accurately identified by the Field Unit has been shown with an alternate dot and dash black acid ink line.

31A. SHOAL LINES:

There are no shoal lines bordering the Mean High-Water Line. One small offshore area identified by the Field Unit as "shoal" has been shown with a long dashed black acid ink line around the area accompanied with the note "Shoal".

31B. REEF LINES:

The approximate outline of reef areas was delineated in accordance with the office interpretation of the photographs and is for the advance information of the Hydrographic Parties only. The outline is shown with a short dashed black acid ink line accompanied with the note "Reef".

31C. FORESHORE AREAS:

The foreshore areas consist of rock ledge, boulders, rocks, (including detached rocks), and sand and gravel beaches. Such features have been delineated in accordance with the field data. The extent to which detached rocks and high spots of ledge within the foreshore area bare at Mean High-Water or uncover at Mean Low-Water have been shown on the Map Manuscript by notes which are in accordance with the field data.

32. DETAILS OFFSHORE FROM THE MEAN HIGH-WATER LINE:

The offshore features include rock ledge, gravel, boulders, several rocks awash, small rock islets, and small reefs. Such features have been delineated in accordance with the field data.

The extent to which the offshore features bare at Mean High-Water or uncover or cover at Mean Low-Water have been shown on the Map Manuscript by notes in accordance with the field data.

33. WHARVES AND SHORELINE STRUCTURES:

A skidway for small boats on Mark Island is the only shoreline structure within the area of this survey and it has been delineated in accordance with the field data.

34. LANDMARKS AND AIDS TO NAVIGATION:

One previously charted Landmark falls within the area of the survey. This Landmark, Winter Harbor Lighthouse, was located by triangulation in 1861. (Abandoned as a lighthouse).

One previously charted Non-Floating Aid to Navigation also falls within the area of the survey. Form No. 567 is being submitted for this Aid to Navigation, Grindstone Ledge Beacon. Attached to this Descriptive Report

35. HYDROGRAPHIC CONTROL:

- 7 Recoverable Photo (Topographic) Stations
- 63 Temporary Photo (Topographic) Stations
- 2 Theodolite Stations.

A descriptive list of all of the hydrographic control stations has been compiled and is attached to this report. Two additional copies have been furnished for the use of the hydrographic parties.

Forms No. 524 are being submitted for each of the seven Recoverable Photo (Topographic) Stations and for the two Theodolite Stations.

*Filed in Div. Photogrammetry General Files.*

38. GEOGRAPHIC NAMES:

As instructed, no geographic names investigation was made by the Field Unit. The geographic names appearing on the Map Manuscript have been taken from Nautical Charts Nos. 305 and 306, the United States Geological Survey, Bar Harbor, Maine Quadrangle and from the Topographic Map of Acadia National Park and Vicinity. A list of <sup>Approved</sup> Geographic Names is attached to this report.

39. JUNCTIONS:

The junction with Map Manuscript, Survey No. T-8588 to the north was made and is in agreement.

The remaining junctions are all-water areas.

40. HORIZONTAL ACCURACY:

The position of all detail of importance is believed to be within 0.5 mm.

41. RECOMMENDATIONS FOR FUTURE SURVEYS:

Map Manuscript, Survey No. T-8587 is complete with respect to all known details necessary for charting except those not definitely revealed by photography, which should be investigated during the next hydrographic survey. These features have been noted in "Notes for Hydrographic Parties" attached to this report, and indicated on a section of Nautical Charts No. 305 and 306 also attached to this report.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

United States Geological Survey, Bar Harbor, Maine (15' series) Quadrangle, scale 1:62,500, edition of 1942.

United States Geological Survey, Petit Manan, Maine (15' series) Quadrangle, scale 1:62,500, edition of 1904, reprinted 1932.

In general, planimetry common to the Map Manuscript and to the Quadrangles is in good agreement.

~~Minor differences in land features are discussed in "Notes to Reviewer" attached to this report.~~ *Considered in Review.*

45. COMPARISON WITH NAUTICAL CHARTS:

United States Coast and Geodetic Survey Chart No. 305, scale 1:40,000 published at Washington, D. C. March 1931, reissued May 1939, corrected to March 16, 1946.


45. COMPARISON WITH NAUTICAL CHARTS: (continued)

United States Coast and Geodetic Survey Nautical Chart No. 306, scale 1:40,000 published at Washington, D. C. March 1942, corrected to July 5, 1945.


In general, planimetry common to the Map Manuscripts and to the Charts is in good agreement.

~~Minor differences in land features are mentioned in "Notes to Reviewer" attached to this report and~~ Differences in offshore features for which data were lacking are mentioned in "Notes for Hydrographic Parties" also attached to this report.

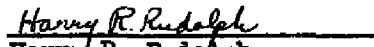
Respectfully submitted:  
June 13, 1946

  
Ruth E. Rudolph  
Photogrammetric Aid


Map Manuscript and Descriptive  
Report Reviewed By:

  
Raymond Glaser  
Engineering Draftsman

Compilation of Map Manuscript  
Supervised By:

  
Harry R. Rudolph  
Photogrammetric Engineer

Approved and Forwarded:  
June 19, 1946

  
Fred. L. Peacock  
Chief of Party, C & G Survey  
Officer-in-Charge  
Baltimore Photogrammetric Office

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

POSITION REDETERMINED  
~~TO-BE-CHARTED~~  
~~TO-BE-DELETED~~

STRIKE OUT ONE

Baltimore, Maryland June 12, 1946

I recommend that the following objects which have ~~(struck out)~~ been inspected from seaward to determine their value as landmarks, be charted on ~~(struck out)~~ the charts indicated.

The positions given have been checked after listing by H. R. Rudolph

*Fred. L. Peacock*  
Fred. L. Peacock

CHARTING NAME	STATE	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE		LONGITUDE							
				°	'	°	'						
	Maine	GRINDSTONE LEDGE BEACON		44 22	306	68 05	410	N. A. 1927	Field Inspected Oct. 1944				307 312 1202
									Radially Plotted May 1946				

Chief of Party

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating* aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

GEOGRAPHIC NAMES

Survey No. T-8587

1	Name on Survey	A On Chart No.	B On previous survey No.	C On U. S. Quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	K
	✓ Maine								USGB	1
	✓ Gulf of Maine		(not Atlantic Ocean)							2
										3
	✓ Little Black Ledge									4
	✓ Big Black Ledge									5
	✓ Old Man									6
	✓ Bunker Ledge									7
	✓ Bunker Harbor									8
	✓ Spruce Point									9
	✓ Brown Cow									10
	✓ Wonsqueak Harbor		(pending with USBCN)							11
	✓ Schoodic Harbor									12
	✓ Roland Island		(pending with USBCN; also Roland, Rolling, Rowland)							13
	✓ Middle Ledge									14
	✓ Schoodic Ledge		(pending with USBCN)							15
	✓ Schoodic Island									16
	✓ Schoodic Point								USGB	17
	✓ Schoodic Peninsula								"	18
	✓ Schoodic Head								"	19
	✓ Little Moose Island								"	20
	✓ Aray Cove								"	21
	✓ Wonsqueak Road									22
	✓ East Pond								USGB	23
	✓ The Anvil								"	24
	✓ Big Moose Island								"	25
	✓ West Pond								"	26
	✓ Pond Island								"	27

GEOGRAPHIC NAMES

Survey No. T-8587

2

Name on Survey	A	B	C	D	E	F	G	H	K	
	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		
<u>Moore Road</u>										1
<u>Ravens Nest</u>										2
<u>Winter Harbor</u>										3
<u>Grindstone Ledge</u>										4
<u>Ned Island</u>									USGS	5
<u>Mark Island</u>										6
<u>Roaring Bill</u>										7
<u>Spectacle Island</u>										8
<u>Turtle Island</u>										9
<u>Turtles Island Ledge</u>										10
<u>Frenchman Bay</u>									USGS	11
<u>Acadia National Park (section on Schoodic Pen.)</u>										12
										13
										14
										15
										16
<u>State No. 186</u>										17
										18
										19
										20
										21
										22
										23
										24
										25
										26
										27

Names underlined in red are approved. 7-12-49

L. Heck

It is not entirely clear whether this road number applies here, but presumably it does.

After further consideration L.A. says State No. 186 is not applicable here.

R.M.J.

## Review Report

### Shoreline Manuscript T-8587

#### 31. MEAN LOW-WATER LINE

Foreshore features of ledge, sand, boulders, etc., have been shown to the limits of the approximate LWL. Consequently, the dotted line (approx. LWL) and the dot-dash line (definite LWL-field symbol), which have been placed at the limits of these foreshore features, are redundant except in two minor instances, (1) at the head of AREY COVE, and (2) at the NE part of TURTLE ISLAND.

#### 37. GEOGRAPHIC NAMES

Most of the SCODIC<sup>H</sup> PENINSULA shown here is part of the ACADIA NATIONAL PARK and the latter name has been approved for use. However, in accordance with the 4th and 7th paragraphs under 545, DELINEATION OF BOUNDARIES of Chapter II of the Topographic Manual, this feature has not been delineated nor its name included.

#### 38. SHORELINE CHARACTERISTICS

While most, if not all, of the shoreline is ledge and rocky, little of it in this area is steep enough to be bluff, so that the symbol for rocky bluff was removed, except where appropriate.

#### 39. CLASSIFIED INFORMATION

The manuscript contains classified information and has been designated "confidential" accordingly. Declassified 4-3-50.

#### 43. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

H-7643      1:10,000      1948

#### 44. COMPARISON WITH PREVIOUS TOPOGRAPHIC SURVEYS

T-1040      1:10,000      1865

#### 45. COMPARISON WITH NAUTICAL CHARTS

Chart 204      1:10,000      May 1949  
Chart 306      1:40,000      May 1949  
Chart 1202      1:80,000      December 1946

Chart 204 has incorporated much of the shoreline, foreshore and topographic features found on the manuscript before this final review.



46. REMARKS

~~The Descriptive and Radial Plot Reports have been reported lost and were, of course, not reviewed. Also, Not all of the field photographs with their inspection notes were available at the time of this review.~~

47. ADEQUACY OF MANUSCRIPT

The compilation is adequate and meets the required standards of map accuracy.

Reviewed by:

L. Martin Gazik  
L. Martin Gazik  
July 19, 1949

Approved by:

L. V. Griffith  
Chief, Review Section L. H. M.

H. Edmonson  
Chief, Nautical Chart Branch  
Division of Charts

O. S. Reading *OSR*  
Chief, Division of Photogram-  
metry

W. M. Scufe  
Chief, Division of Coastal  
Surveys

COAST OF MAINE

PROJECT NO. CS-272

DESCRIPTIONS OF THEODOLITE STATIONS, TEMPORARY AND RECOVERABLE PHOTO (TOPOGRAPHIC) STATIONS FOR THE AREA OF MAP MANUSCRIPT, SURVEY NO. T-8587

NUMBER OF THEODOLITE STATIONS.....2  
NUMBER OF RECOVERABLE PHOTO (TOPOGRAPHIC) STATIONS;.....7  
NUMBER OF TEMPORARY PHOTO (TOPOGRAPHIC) STATIONS.....63  
TOTAL NUMBER OF STATIONS.....72

LISTED BY: Ruth E. Rudolph  
Ruth E. Rudolph  
Photogrammetric Aid

CHECKED BY: Raymond Glaser  
Raymond Glaser  
Engineering Draftsman

5 Feb. 1953

Location of 3 additional photo-hydro stations was done in Washington office by orienting ratio prints under the manuscript.

David F. Bennett  
Ensign USC & GS

LIST OF PHOTO-HYDRO STATIONS  
T-8587

- 1001 "ANTE, 1945" - Station is a standard topo disc set in corner of rock ledge, five meters back of Mean High-Water, 50 meters east of road, and about 200 meters southeast of large rock bluff. Stamped "ANTE, 1945" and located on the southeastern shore of Schoodic Peninsula just northeast of East Pond. Recoverable Photo (Topographic) Station.
- 1002 Point on northeast corner ledge rock about six meters southeast of blazed double pine tree, about five feet higher than ledge to north, and about 35 feet west of Mean High-Water.
- 1003 Point on east corner ledge rock, nine meters east-northeast from 20 foot pine tree blazed, 0.0 feet back of Mean High-Water.
- 1004 Point on large round brown boulder about three meters east of high water level and about 20 meters northeast blazed spruce tree. Between high and low water levels.
- 1005 "AGED, 1945" - Station is on ledge rock about 23 meters from blazed evergreen tree that is west-northwest, about three feet above Mean High-Water Line, and 1.0 meter west of Mean High-Water Line. Marked "AGED, 1945" and located on the eastern shore of Schoodic Peninsula just south of Wonsqueak Harbor. Recoverable Photo (Topographic) Station.
- 1006 Ten foot spruce (blazed) about 20 meters back of Mean High-Water Line and about 8 feet above Mean High-Water Line. At eastern edge of brush line.
- 1007 12 foot small spruce 25 feet west of Mean High-Water Line. Small blaze on eastern side. About four feet below and 25 feet east of center of road.
- 1008 Six foot small spruce tree 17 meters back of Mean High-Water Line, 15 feet to centerline of road, four feet below road and 8 feet from boulders lining road. Between these boulders and beach. Tree is blazed.
- 1009 12 foot blazed spruce, 11 meters back of Mean High-Water Line, three meters south of another similar tree and  $\frac{1}{2}$  meter north of very small spruce.
- 1010 Nine foot blazed spruce 20 meters north of Mean High-Water Line. About 35 meters east of pebble and boulder beach in cove.
- 1011 35 foot unblazed spruce about 18 meters northwest of Mean High-Water Line. Alone (southeastern side of road), about 50 meters northeast of nearest spruce. About three meters to centerline of road.

- 1012 28 foot blazed spruce, 20 meters north-northeast of Mean High-Water Line. At southeastern tip of grove of spruces. About 30 meters southeast of centerline of road.
- 1013 Blazed 18 foot double spruce about 8 meters back of Mean High-Water Line to the west. Stands on edge of brush line on ledge rock.
- 1014 Large tar spattered white rock about three meters west of Mean High-Water Line. One meter south of old boat house in cove.
- 1015 "CHIMNEY, 1945" - Station is red brick chimney 15 meters west of Mean High-Water Line and 55 meters north. On two story house, red roof shingles, unpainted shingle sides. Small one story addition to east, one story porch to south side of house. House built on stone foundation. Chimney 0.5 meter north of main roof ridge. Two small shacks - one about 15 meters south and the other about 15 meters southeast. Located on Schoodic Peninsula at the head of Wonsqueak Harbor. Recoverable Photo (Topographic) Station.
- 1016 12 foot blazed spruce 15 meters northeast of Mean High-Water Line, ten meters northeast edge of brush line, about three meters east of ten foot scraggly spruce.
- 1017 20 foot blazed spruce about 20 meters north of Mean High-Water Line. On south side of brushline, about one meter higher than ledge rock on Mean High-Water Line.
- 1018 Point of rock on Mean High-Water Line on ledge rock about 15 meters west of tree line. About 8 meters east of group of submerged boulders (at high tide).
- 1019 Ten foot blazed spruce about 12 meters north of Mean High-Water Line. Seven foot spruce stands along side. On edge of brush line in back of pebble beach.
- 1020 Eight foot and six foot double spruce one meter apart, 10 meters east of Mean High-Water Line, 1.5 meters east of brushline. Larger spruce blazed.
- 1021 Small clump of spruces six foot high at most. Southernmost tree blazed. About 15 meters north of Mean High-Water Line, on southern edge of brushline.
- 1022 "ALAS, 1945" - Station is point on ledge rock 1.5 meters north of Mean High-Water Line, about 30 meters south of brushline, about 75 meters west of southeastern tip of peninsula. Standard topo disc marked "ALAS, 1945". Located at Spruce Point on Schoodic Peninsula. Recoverable Photo (Topographic) Station.

- 1023 15 foot blazed spruce, 18 meters west of Mean High-Water Line. On brush line.
- 1024 8 foot blazed double spruce, 27 meters (approximately) west of Mean High-Water Line. Nine meters west of brush line, 8 meters southwest of group of about 20 spruces, about two meters east of point on grove of spruce.
- 1025 Stone chimney with green painted wooden lid held down by two rocks. One story cottage with full length front porch, tar paper (green) roof, unpainted shingle sides, green painted shutters and door. House on rock foundation. About 30 meters west of brush line and -- meters west of Mean High-Water Line. Green shed about 25 meters south. Flagpole about 8 meters north. About 45 meters west of Mean High-Water Line. (chimney).
- 1026 Point of ledge rock on Mean High-Water Line. About four meters northeast and six meters southeast of small boulder beach. About 20 meters east of brushline.
- 1027 Point of ledge rock boulder about three meters east of large boulder, is isolated in water at high tide and rock stands about 1 meter east nearest rock. About 25 meters east of brushline.
- 1028 12 foot blazed spruce, 11 meters southeast of Mean High-Water Line. On edge of brushline about three meters southwest of nearest spruce. 14 feet high.
- 1029 8 foot blazed spruce, 18 meters south of Mean High-Water Line, five meters from brushline, about nine meters east of 45 foot spruce at eastern point of grove.
- 1397 Bushy 15 foot spruce tree on the southwestern tip of island. The tree is the most westerly tree on the island. Tree is about 30 meters east of the Mean High-Water Line and 30 meters northwest of a dike of black rock.
- 1398 Small 8 foot spruce tree on the northern end of the island. The tree is about midway between the eastern and western Mean High-Water Lines. Tree is three meters west of six foot spruce and ten meters west of a 20 foot spruce.
- 1399 17 foot spruce tree on the eastern side of the island, about 30 meters west of Mean High-Water Line and about 80 meters north of the southern end of island, six meters west of grass line and is the most easterly of a line of spruce trees running east to west.
- 1768 Bushy evergreen.
- 1769 Evergreen.

- 1770 Evergreen.  
1771 Evergreen.  
1772 Evergreen.  
1773 Evergreen.  
1774 Tall evergreen.  
1775 Evergreen.  
1776 Evergreen.  
1777 Evergreen.  
1777a Top of rock outcrop projecting out from MHWL  
1778 Evergreen on point.  
1779 Evergreen.  
1779a Top of rock outcrop projecting out from MHWL on NW end of point.  
1780 Evergreen.  
1781 Evergreen.  
1782 Evergreen.  
1783 Evergreen.  
1784 Evergreen.  
1785 Evergreen.  
1786 Evergreen.  
1786a. Top of rock which bares 2 ft. at MHWL.  
1787 Evergreen.  
1788 Evergreen.  
1789 Evergreen.  
1790 Evergreen.  
1817 Evergreen.  
1818 House chimney.  
1819 Evergreen.  
1820 Evergreen.  
1821 Peak of lighthouse.  
1822 Evergreen  
1823 North gable of abandoned house.

1824 Evergreen.

1884 Evergreen.

1885 Evergreen.

2434 "NORTH TOWER, 1944" - Station is the north steel radio tower on Big Moose Island, Schoodic Peninsula. Recoverable Photo (Topographic) Station.

2435 "SOUTH TOWER, 1944" - Station is the south steel radio tower on Big Moose Island, Schoodic Peninsula. Recoverable Photo (Topographic) Station.

2436 "GRINDSTONE LEDGE BEACON, 1944" - Station is black, spherical cage on iron spindle. In 24 feet. At Grindstone Ledge in Winter Harbor. Recoverable Photo (Topographic) Station. Also a Fixed Aid to Navigation.

2448 40 foot evergreen.

2449 20 foot evergreen.

"COMB, 1944" - Station is on a prominent large ledge rock about 300 meters north-northwest of Pond Island on the west side of Schoodic Peninsula. Ledge juts out into the water but is not surrounded at high water. Station is on about the center of the inner part of the ledge, 15 meters north of Mean High-Water Line and about 30 meters east of western edge of rock. Marked by standard disc stamped "COMB, 1944". Recoverable Theodolite Station.

"HOOD, 1944" - Station is located on the southern end of Schoodic Island, which is about one mile east of Schoodic Point, on the large ledge rock which forms the southwestern tip of the island, just a little east of the center and highest part of ledge, and about four meters east of a large boulder setting on the ledge. Mark is a standard disc stamped "HOOD, 1944". Recoverable Theodolite Station.

NOTES  
FOR  
HYDROGRAPHIC PARTIES

COAST OF MAINE  
MAP MANUSCRIPT, CURVEY NO. T-8587  
PROJECT NO. CS-272

The  $2\frac{1}{2}$  millimeter black acid ink circles are the positions of the selected hydrographic control stations. Such circles accompanied by a name and a date (1944) are the positions of the Theodolite Stations. Those circles accompanied by a name, date (1944 or 1945), and a number are the positions of the Recoverable Photo (Topographic) Stations. All other such circles, accompanied by a number only, are the positions of the Temporary Photo (Topographic) Stations. Two copies of the list of descriptions of all of the hydrographic control stations have been furnished for your use.

The very small black acid ink circles, accompanied by the note "Sub. Sta." are the positions of Substitute Stations. A brief description of the Substitute Stations may be found on the pricking cards, Form No. M-982-1 submitted to the Washington Office.

The alternate dot and dash ink line is the true position of the Mean Low-Water Line. The dotted line is the approximate position of the Mean Low-Water Line.

The outline of reef areas are approximate and are for your advance information only. They are shown with short dashed black acid ink lines accompanied by the note "Reef".

The following charted features were not definitely revealed by photography and should be investigated during the next hydrographic survey:

White Ledge (Geographic name has been shown on the Map Manuscript in the approximate location).

Little Black Ledge (No field data were furnished).

All floating Aids to Navigation within the area of the survey.

Note: For location see sections of Nautical Charts Nos. 305 and 306 attached to this report. These features have been indicated with a red ink line around the area in which they fall.



A projecting point of land in West Pond is shown on the Map Manuscript as a detached islet.

The detached islet at the southernmost point of Schoodic Island is shown as a projecting point of land and a detached rock islet on the Map Manuscript.

The geographic name Bunkers Harbor is shown as Bunker Harbor on the Map Manuscript; East Pond Coveras East Pond; West Pond Cove as West Pond; Rolland Island as Roland Island.

The geographic names Big Black Ledge, Brown Cow, Bunker Ledge, Grindstone Ledge, Little Black Ledge, Middle Ledge, Moore Road, Old Man, Roaring Bull, Schoodic Ledge, Turtle Island Ledge, White Ledge, and Wonsqueak Road do not appear on the Quadrangles.

The following disagreements were found between the Map Manuscript and Nautical Charts Nos. 305 and 306:

Part of the ledge area on the southern shore of Bunker Harbor is shown as boulders on the Map Manuscript.

Ledge area at the southern tip of Turtle Island is shown as rock islets surrounded by ledge on the Map Manuscript.

Big Black Ledge is charted as a larger island than shown on the Map Manuscript.

The southern tip of Spruce Point is shown as 4 detached rock islets on the Map Manuscript.

The southernmost tip of Schoodic Point is shown as a detached rock islet on the Map Manuscript.

The detached rock islet at the southernmost point of Schoodic Island is shown as a projecting point of land and a detached rock islet on the Map Manuscript.

A point of land projecting into the northern part of East Pond is shown on the Map Manuscript as a boulder and gravel area.

An isolated rock ledge area in East Pond is shown on the Map Manuscript as a rock islet.

A deep inlet in the northern part of West Pond is shown on the Map Manuscript as an inlet separated from a pond by firm ground.

An islet in the northwest part of West Pond is shown on the Map Manuscript as a much smaller rock islet.

A very small rock islet in West Pond is shown on the Map Manuscript as part of a much larger islet.

An islet in East Pond is shown on the Map Manuscript as a boulder and gravel area.

Features in disagreement with the Nautical Chart which should also be investigated:

Part of the ledge area on the southern shore of Bunker Harbor is shown as boulders on the Map Manuscript.

Ledge area at the southern tip of Turtle Island is shown as rock islets surrounded by ledge on the Map Manuscript.

Big Black Ledge is charted as a larger island than shown on the Map Manuscript.

The southern tip of Spruce Point is shown as 4 detached rock islets on the Map Manuscript.

The southernmost tip of Schoodic Point is shown as a detached rock islet on the Map Manuscript.

The detached rock islet at the southernmost point of Schoodic Island is shown as a projecting point of land and a detached rock islet, on the Map Manuscript.

A point of land projecting into the northern part of East Pond is shown on the Map Manuscript as a boulder and gravel area.

An islet in East Pond is shown on the Map Manuscript as a boulder and gravel area.

An isolated rock ledge area in East Pond is shown on the Map Manuscript as a rock islet.

A deep inlet in the northern part of West Pond is shown on the Map Manuscript as an inlet separated from a pond by firm ground.

An islet in the northwest part of West Pond is shown on the Map Manuscript as a much smaller rock islet.

A very small rock islet in West Pond is shown on the Map Manuscript as part of a much larger islet.

A detached islet to the south of Turtle Island is shown on the Map Manuscript as a projecting point of land.

The northernmost part of Arey Cove is shown on the Map Manuscript as a cove separated from a pond by firm ground.

The following charted rocks awash have been shown on the Map Manuscript as ledge areas:

One rock north of Little Moose Island.

Three rocks west of the northern tip of Schoodic Island.

Three rocks at Schoodic Ledge.

One rock at Middle Ledge.

Two rocks at Brown Cow.

Thirteen rocks in Wonsqueak Harbor.

Two rocks west of Spruce Point.

Three rocks west of Bunker Ledge.

Two rocks at Old Man.

One rock north of Big Black Ledge.

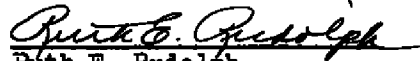
One sunken rock northeast of Little Moose Island is shown as a shoal area on the Map Manuscript.

One sunken rock west of Ned Island, at Roaring Bull, is shown as a reef area on the Map Manuscript.


High-water rock at Little Black Ledge has been shown as ledge on the Map Manuscript.

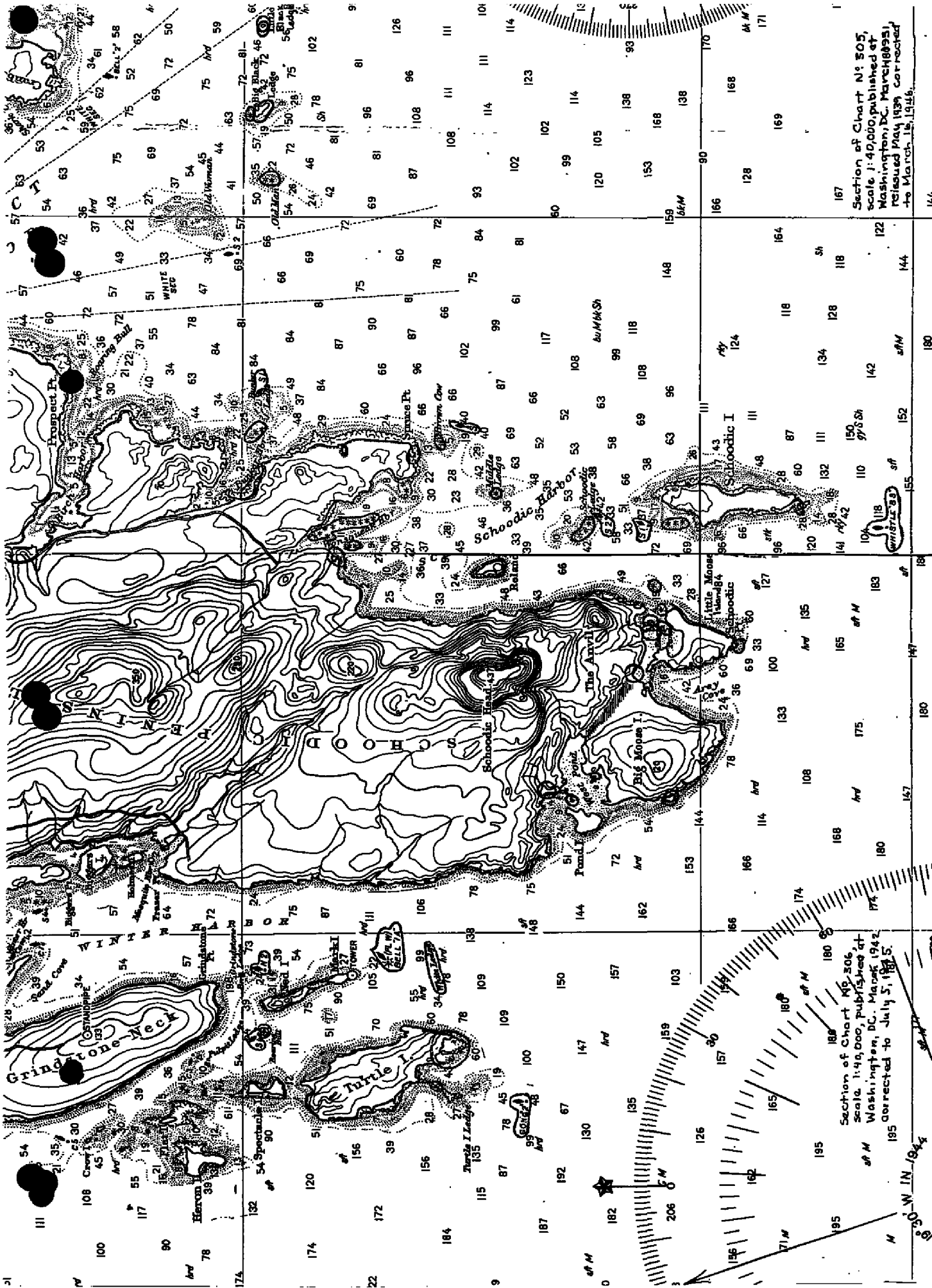
Note: For location see sections of Nautical Charts nos. 305 and 306 attached to this report. These features have been indicated by a green ink line around the area in which they fall.

Respectfully Submitted:  
June 13, 1946

  
Ruth E. Rudolph  
Photogrammetric Aid

Approved and Forwarded:  
June 19, 1946

  
Fred. L. Peacock  
Chief of Party, C. & G. Survey  
Officer-in-Charge  
Baltimore Photogrammetric Office.



Section of Chart No 305,  
 scale 1:40,000, published at  
 Washington, DC, March 1939,  
 released May 1939. Corrected  
 to March 15, 1946.

Section of Chart No. 306,  
 scale 1:40,000, published at  
 Washington, DC, March 1942,  
 corrected to July 5, 1945.

Section of Chart No. 306,  
 scale 1:40,000, published at  
 Washington, DC, March 1942,  
 corrected to July 5, 1945.

No 1952 photography was available for this sheet, so no foreshore, building, or road revision was made.

Three (3) new photo-hydro stations were located by orienting ratio prints under the brown-line manuscript, and all are believed to be within standard map accuracy.

Respectfully submitted:

*David F. Romero*  
David F. Romero  
Ensign, U.S.C. & G.S.  
Mar. 1953

Approved by:

*L. C. Lande*  
L. C. Lande, Chief  
Graphic Compilation Section  
Division of Photogrammetry

30 April 1954

Shoran station RAN, 1953, at  $44^{\circ}20'06.06''$   $187.0$  m.  
 $68^{\circ}03'41.52''$   $919.8$  m. located by the  
STERNI, and its position reported to Coastal Surveys Division in a  
letter dated 1 August 1953, shown on this sheet by a red ink circle.

Plotted by G. B. Willey *G.B.W.*

Checked by E. H. Ramey *EHR*

