

8566

Diag'd. on diag, ch. No. 1202

Form 504

U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Planimetric Air Photograph
(Shoreline)

Field No. _____ Office No. T-8566

LOCALITY

State Maine

General locality Coast of Maine

Locality Union River Bay, Morgan Bay,

Western Bay

194 6

CHIEF OF PARTY

William F. Deane

LIBRARY & ARCHIVES

DATE

March 18 - 1946

8-1870-1 (11)++

8566

DATA RECORD

T- 8566

Quadrangle (II):

Project No. (II): CS-272 E

Field Office:

Chief of Party:

Air Photographic Party No. 2

Fred. L. Peacock

Compilation Office:

Chief of Party:

Baltimore Photogrammetric Office

Fred. L. Peacock

Instructions dated (II III):

Copy filed in Descriptive

April 1, 1942 (Additional)

Report No. T- (VI)
Dis. Photographs Office Files

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)

Completed survey received in office:

14 Aug. 1946

Reported to Nautical Chart Section: ✓

Reviewed: 2/25/47 *H.A.S.* Applied to chart No.

Date:

Redrafting Completed: *Not redrafted*

Registered: 24 Feb. 1948

Published:

Minimum cloth-bound copy, Nov 18 1947
Vault copy only

Compilation Scale: 1:10,000

Published Scale: 1:10000

Scale Factor (III): 1.000

Geographic Datum (III): N. A. 1927

Datum Plane (III):

Reference Station (III): HAYNES, 1864 r. 1944

Lat.:

Long.:

Adjusted

44° 24' 49.56" 1529.7 m

68° 25' 59.47" 1315.8 m

Unadjusted

State Plane Coordinates (VI): *East Zone*

X =

Y =

Military Grid Zone (VI)

STATISTICS (III)

Land Area (Sq. Statute Miles): 5 square miles

Shoreline (More than 200 meters to opposite shore): $24\frac{1}{4}$ miles

Shoreline (Less than 200 meters to opposite shore): 0.4 mile measured along approximate centerline.

Number of Recoverable Topographic Stations established: 23, of which 5 are Theodolite Stations.

Number of Temporary Hydrographic Stations located by radial plot: 122

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-8566

COAST OF MAINE

UNION RIVER BAY
MORGAN BAY, WESTERN BAY

PROJECT NO. CS-272

1. DESCRIPTION OF AREA:

According to the instructions dated August 10, 1944, the Survey for Map Manuscript No. T-8566 is a shoreline survey.

Map Manuscript, Survey No. T-8566 covers an area on the western shore of Mt. Desert Island and the areas and Islands in Union River Bay, Morgan Bay and Western Bay. The land areas shown are Newbury Neck, and the area adjacent to west of it; the land area to east of it, just north of Bartlett Island, and the western shore of Mt. Desert Island. The islands are Jed Islands in Morgan Bay; Alley Island, Black Island, and Green Island in Western Bay.

Immediately adjacent to the Mean High-Water Line the terrain is, in general, rocky. The foreshore area is commonly ledge rock with some stretches of sand and gravel beaches, frequently boulder strewn. Most of the sand and gravel beaches are in or near coves.

The interior is hilly and mostly tree covered with the elevation rising from sea level to a maximum of 140 feet. There are a few cleared areas, most of which are along the more important roads on Newbury Neck and the land area to east of it.

2. COMPLETENESS OF FIELD INSPECTION:

The identification of the horizontal control, foreshore and offshore features are complete except for offlying shoal and sunken reef areas not discernible on the photographs. The identification of the approximate Mean Low-Water Line is not complete in several areas. (See Heading No. 8, Mean Low-Water Line).

3. INTERPRETATION OF PHOTOGRAPHS:

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

4. HORIZONTAL CONTROL:

Four existing Horizontal Control Stations were recovered in good condition.

Five new Theodolite Stations have been established within the area of this survey.

Form No. 526, Recovery Note, has been submitted for each of the previously existing control stations recovered within the area of the survey.

Form No. 524, has been submitted for each of the Theodolite Stations.

5. VERTICAL CONTROL:

No vertical control was recovered or identified 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 the 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.

Along shore 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.

8. MEAN LOW-WATER LINE:

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

The identification of the Mean Low-Water Line along the Eastern and Southern shores of the land area east of Newbury Neck, Alley Island, and the section of Mt. Desert Island, included in this survey is not complete.

Those portions of the Mean Low-Water Line identified in their true positions, have been indicated by a dot and dash green ink line, and those portions identified in their approximate positions by a dotted green ink line on the field photographs.

9. WHARVES AND SHORELINE STRUCTURES:

All piers and other shoreline structures visible on the photographs within the area of this survey have been identified on the field photographs.

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

Practically all detail outside the foreshore area was revealed by photography. It includes rocks that uncover at Mean Low-Water, rock ledge areas, fish traps, and small rocky islets.

The character of the foreshore area has been indicated on the field photographs. The extent to which 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:

There are no charted landmarks or Fixed Aids to Navigation within the area of the survey.

12. HYDROGRAPHIC CONTROL:

18 Recoverable Photo (Topographic) Stations
122 Temporary Photo (Topographic) Stations

Form No. 524, has been submitted for each of the Recoverable Photo (Topographic) Stations.

Descriptions have been furnished for each of the Photo (Topographic) Stations.

14. ROAD CLASSIFICATION:

In accordance with the Army War College Circular, dated January 12, 1942 "Classification of Roads".

18. GEOGRAPHIC NAMES:

No investigation.

COMPILATION REPORT
MAP MANUSCRIPT, SURVEY NO. T-8566

COAST OF MAINE

UNION RIVER BAY
MORGAN BAY, WESTERN BAY

PROJECT NO. CS-272

26. CONTROL:

The horizontal control in the area of the Map Manuscript for Survey No. T-8566 consists of 18 stations. They are as follows:

10 within the detail limits

<u>Name of Station</u>	<u>Type of Station</u>	
a. MORGAN 2, 1934, r. 1944	Triangulation	
NEWBURY NECK UNION CHURCH, 1864, r. 1944	Triangulation	
a. HAYNES, 1864, r. 1944	Triangulation	
a. WEST TRENTON UNION CHURCH, 1865, r. 1944	Triangulation	
d. NEWBURY NECK, HOUSE, EAST CHIMNEY, 1864	Triangulation	
a. BURY, 1944	Theodolite	fm 5 24
a. OAK, 1944	Theodolite	"
a. CURT, 1944	Theodolite	"
a. ALLEY, 1944	Theodolite	"
a. SQUID, 1944	Theodolite	"

8 just outside the detail limits

e. NEWBURY NECK, WHITE HOUSE, SOUTH CHIMNEY, 1864	Triangulation
f. WEST TRENTON, 1934	Triangulation
a. HIGGINS, 1865, r. 1944	Triangulation
a. MOUNT DESERT NARROWS, NORTH TRANSMISSION TOWER, 1934, r. 1944	Triangulation
MOUNT DESERT NARROWS, SOUTH TRANSMISSION TOWER, 1934, r. 1944	Triangulation
a. HAND, 1944	Theodolite
b. HAM, 1944	Theodolite
a. FLAG, 1944	Theodolite

a. Station identified by a Substitute Station. The positions of the Substitute Stations have been shown on the Map Manuscript with very small black acid ink circles accompanied with the note "Sub. Sta."

b. Station not identified on the field photographs.

d. Recovery in 1944 doubtful. Station lost. Foundation of chimney identified.

e. Recovery in 1944 doubtful. Radially plotted position of station, as identified by the Field Unit, is shown on the Map Manuscript with a red acid ink circle accompanied with a pertinent note.

f. Station not found.

26. CONTROL: (Cont.)

15 of the above stations were used to control 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. Satisfactory results were obtained. For a complete discussion of the Radial Plot, see Radial Plot Report for Project No. CS-272-E Priority Area No. 3 submitted to the Washington Office on July 19, 1946.

28. DETAILING:

The compilation is in accordance with the written instructions pertaining to Project No. CS-272-E.

The horizontal control stations and horizontal pass points available for the compilation of this survey were adequate, as were the field data.

The photographic coverage in a number of areas in this survey was inadequate due to insufficient side overlap resulting in many of the detail points being determined by the intersection of only two radials, some of which were very slim angle intersections. However, it is believed that these points are all within the required limits of accuracy.

29. MEAN HIGH-WATER LINE:

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

There were no marsh areas bordering along the Mean High-Water Line on this Survey.

30. MEAN LOW-WATER LINE:

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 which was accurately identified by the field unit has been shown with an alternate dot and dash black acid ink line. Many portions of the Mean Low-Water Line have not been shown due to lack of field data.

31A. FORESHORE AREAS:

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

31B. SHOAL LINES:

The approximate position of the outer limits of shoal areas bordering the Mean High-Water Line was delineated in accordance with the Compilation Office interpretation of the photographs and is for the advance information of the Hydrographic Parties only. Shown with a long dashed black acid ink line accompanied with the note, "Shoal".

31C. REEF LINES:

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

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

The offshore features include rock ledge, boulders, rocks, rocky islets, and fish traps. These features have been delineated in accordance with field data. The extent to which offshore features bare at Mean High-Water or uncover at Mean Low-Water has been shown on the Map Manuscript with notes in accordance with the field data.

33. WHARVES AND SHORELINE STRUCTURES:

All piers and other shoreline structures identified on the field photographs have been delineated in accordance with the field data, and accompanied with pertinent notes.

34. LANDMARKS AND AIDS TO NAVIGATION:

There are no previously charted Landmarks or Non-Floating Aids to Navigation within the area of the Survey. No new ones were recommended by the Field Unit.

35. HYDROGRAPHIC CONTROL:

18 Recoverable Photo (Topographic) Stations
5 Theodolite Stations
122 Temporary Photo (Topographic) Stations

from 5 24
" "

35. HYDROGRAPHIC CONTROL: (Cont.)

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 use by the Hydrographic Parties.

Form No. 524 is being submitted for each of the 18 Recoverable Photo (Topographic) Stations and the 5 Theodolite Stations.

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 U. S. C & G. S. Nautical Chart No. 307 and the United States Geological Survey, Mt. Desert, Maine, Quadrangle Map.

A List of Geographic Names is attached to this report.

39. JUNCTIONS:

The junctions with Map Manuscript, Survey No. T-8565 to the North, T-8567 to the South, and T-8576 to the East have been made and are in agreement.

The junction with Map Manuscript, Survey No. T-8559 to the West will be made when that Survey is compiled. *AK*

40. POSITION ACCURACY OF IMPORTANT PLANIMETRIC DETAILS:

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

41. RECOMMENDATIONS FOR FUTURE SURVEYS:

Map Manuscript, Survey No. T-8566 is complete with respect to all known details necessary for charting except the charted features not definitely revealed by photography, which should be investigated during the next hydrographic survey. These features have been noted in "Notes to Hydrographic Parties", attached to this Report and indicated on a section of Nautical Chart No. 307, also attached to this report.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

United States Geological Survey, Mount Desert Island, Maine Quadrangle, 15' series, scale 1:62,500, edition of 1942.

Details common to the Map Manuscript and to the Quadrangle are, in general, in good agreement.

Minor differences in land features are mentioned in the accompanying "Notes for Reviewer".

45. COMPARISON WITH NAUTICAL CHARTS:

United States Coast and Geodetic Survey Chart No. 307, scale 1:40,000 published at Washington, D. C. August 1943, corrected July 5, 1945. (Common area)

In general, planimetry common to the Map Manuscript and the chart is in good agreement. Minor differences in land features are mentioned in "Notes to Reviewer", and offshore features for which data were lacking have been mentioned in "Notes to Hydrographic Party", attached to this descriptive report.

Respectfully Submitted:
June 7, 1946

Leo S. Kornetsky
Leo S. Kornetsky
Engineering Aide

Map Manuscript and Descriptive
Report Reviewed by:

Raymond Glaser
Raymond Glaser
Engineering Draftsman

Compilation of Map Manuscript
Supervised by:

Harry R. Rudolph
Harry R. Rudolph
Photogrammetric Engineer

Approved and Forwarded:
August 14, 1946

William F. Deane
William F. Deane
Chief of Party, C & G Survey
Officer in Charge
Baltimore Photogrammetric Office

GEOGRAPHIC NAMES
(Undisputed)

Taken from Nautical Chart No. 307, United States Coast and Geodetic Survey, and the U. S. Geological Survey, Mt. Desert, Maine Quadrangle.

- Alley Island ✓
- Bayside Road ✓ State (102)
- Bird Rock ✓
- Black Island ✓
- Black Rock ✓
- Burnt Point ✓
- Conary Nub ✓
- Closson Island ✓
- Closson Point ✓
- Curtis Cove ✓
- Goose Cove ✓
- Goose Rock ✓
- Grant Rock ✓
- Green Island ✓
- Haskell Point ✓
- Haynes Point ✓
- High Head ✓
- Hopkins Point ✓
- Jed Islands ✓
- Morgan Bay ✓
- Mt. Desert Island ✓
- Newbury Neck ✓
- Oak Point ✓
- Seal Ledge ✓
- South Ledge ✓
- South Surry ✓
- Southwest Point ✓
- The Nook ✓
- Union River Bay ✓
- Webber Cove ✓
- Western Bay ↓
- West Trenton ✓

All these names appear on fm M234 (Geog. Names) LTS

14

IDENTIFICATION REPORT

HORIZONTAL CONTROL

MAP MANUSCRIPT, SURVEY NO. T-8566

PROJECT NO. CS-272

<u>Station</u>	<u>U.S.G.S. Quadrangle</u>	<u>Recovery Date</u>	<u>Pricking Data</u>
**ALLEY, 1944	Mount Desert	New 11/2/44	Positive
ALLEY ISLAND HOUSE NE CHY., 1865	Mount Desert	Lost New	
**BURY, 1944	Mount Desert	11/8/44 New	Positive
**CURT, 1944	Mount Desert	8/3/45	Positive
**HAYNES, 1864, r. 1944	Mount Desert	10/13/44	Positive
MORGAN, 1864	Mount Desert	Not found	
**MORGAN 2, 1934, r. 1944	Mount Desert	10/13/44 Destroyed	Good
*NEWBURY NECK, HOUSE E CHY. 1864	Mount Desert	8/7/44	Good
NEWBURY NECK, UNION CHURCH, 1864	Mount Desert	8/7/44 New	Positive
**OAK, 1944	Mount Desert	8/3/45	Positive
OAK POINT, 1864	Mount Desert	Not found	
OAK POINT RED HOUSE, W CHY., 1864	Mount Desert	Lost New	
**SQUID, 1944	Mount Desert	11/3/44	Positive
**W. TRENTON UNION CHURCH, 1865	Mount Desert	11/24/44	Positive

* Station destroyed and considered Lost, but chimney site was recovered and pricked.

** Station identified by a substitute station. The positions of these substitute points have been shown on the Map Manuscript with very small black acid ink circles, accompanied with the note, "Sub. Sta."

NOTES
FOR
REVIEWER

15

COAST OF MAINE

MAP MANUSCRIPT, SURVEY NO. T-8566
PROJECT NO. CS-272

All details have been shown with the usual symbols.

The small blue ink circles are the positions of well defined detail points determined photogrammetrically, and are considered very strong. The small green ink circles are the positions of well defined detail points determined by only two wide angle radials or by three or more very slim angle radials, and are considered weak.

The $2\frac{1}{2}$ millimeter black acid ink circles are the positions of Theodolite Stations, Recoverable Photo (Topographic) Stations, and Temporary Photo (Topographic) Stations. Such circles accompanied by a name and date (1944 or 1945) are the positions of Recoverable Photo (Topographic) Stations and Theodolite Stations. All other such circles are positions of the Temporary Photo (Topographic) Stations.

The very small black acid ink circles accompanied by the note, "Sub. Sta." are the positions of substitute stations.

The photographs contain no appreciable tilt or differential distortion.

The scales of the photographs and the map manuscript were in good agreement.

The approximate outer limits of shoal areas have been delineated according to office interpretation of the photographs and are shown with a long dashed black acid ink line accompanied with the note, "Shoal".

The approximate limits of reef areas have been delineated according to office interpretation of the photographs and are shown with a short dashed black acid ink line accompanied with the note, "Reef".

The following discrepancies between the Map Manuscript and the United States Geological Survey, Mt. Desert, Maine Quadrangle were found:

Shown on Map Manuscript but not on Quadrangle

A number of bare rocks, boulders, gravel, and rock ledge along the shoreline of the entire survey.

Several piers, fish traps, pilings, cribbing, and skidway.

Several buildings and minor roads.

Geographic names, Black Rock, Seal Ledge, Grant Rock, South Ledge, Closson Island.

Ledge areas in vicinity of South Ledge and Jed Islands.

Three small ponds at Southwest Point.

A small island just offshore from the southernmost tip of Burnt Point.

Shown on Quadrangle but not on Map Manuscript, because no Data Were Available

Heath Brook, on the east shore of Union River Bay approximately $1\frac{1}{2}$ miles north of Haynes Point.

Several Bench Marks.

The following discrepancies between the U. S. Coast and Geodetic Survey Nautical Chart No. 307 and the Map Manuscript were found:

Charted Features not shown on the Map Manuscript because no data were Available

One ~~Island~~ Floating Aid to Navigation southwest of South Ledge. *Corrected H.M.S. 2/21/47*

One rock awash on the west side of Newbury Neck approximately $\frac{3}{4}$ mile south of The Nook.

Grant Rock - Geographic name only shown in its approximate position.

Two sunken rocks and two rocks awash east of Alley Island.

5 rocks awash north of Alley Island.

11 rocks awash and one sunken rock between Alley Island and the mainland to the west.

2 sunken rocks west southwest of Green Island.

Features shown on the Map Manuscript in disagreement with the Nautical Chart

Charted ledge northwest of Webber Cove is shown as gravel and boulders.

2 charted rocks awash at Seal Ledge are shown as three rocks awash and two small ledge areas.

Charted small islet surrounded by ledge at Conary Nub is shown as a small islet and several high water rocks surrounded by ledge.

Several charted rocks awash and two charted sunken rocks at Jed Islands are shown as a ledge area with one rock awash and several high water rocks.

Two charted rocks awash at South Ledge are shown as a ledge area.

One charted rock awash southwest of Burnt Point is shown as ledge.

A charted rock awash north of Haskell Point is shown as ledge.

A charted sunken rock west northwest of Green Island is shown as ledge bare at Mean Low-Water.

2 charted rocks awash north of Green Island and 2 charted rocks awash west of Green Island are shown as ledge areas.

The following charted ledge areas have been shown as gravel and boulder areas some of which also have sand along with the gravel and boulders:

South of Hopkins Point.

Along the southern shore of a cove about $1\frac{1}{2}$ miles north of Haynes Point.

About $\frac{3}{4}$ mile north of Haynes Point.

At Grant Rock.

Between Grant Rock and Haynes Point.

South of Southwest Point.

At Oak Point.

Shown on the Map Manuscript but not charted

Several bare rocks, boulders, and many rock ledge areas along the shoreline of the entire survey.

Several piers, fish traps, pilings, cribbings, and a boat skidway.

Shown on the Map Manuscript but not charted (Cont.)

All buildings.

Geographic Names - Closson Point and Bayside Road.

Respectfully Submitted:
August 9, 1946

Harry R. Rudolph
Harry R. Rudolph
Photogrammetric Engineer

Approved and Forwarded:
August 14, 1946

William F. Deane
William F. Deane
Chief of Party, C & G Survey
Officer in Charge
Baltimore Photogrammetric Office

Division of Photogrammetry
Review Report of
Shoreline Survey Manuscript T-8566

Paragraph numbers used in this report refer to paragraph numbers in the descriptive report.

28 to 32. Compilation. -

This shoreline and planimetry shown on the map manuscript are complete and in accordance with project instructions and no significant changes were necessary during the review except for the following.

The map manuscript showed a dashed line outside the ledge and low water lines, marked "reef" and "shoal". This line was placed on the map manuscript wholly from office interpretation of the photographs. Comparison with existing nautical charts indicates that this line showed no consistency with respect to soundings, and as this line would be of no value to the hydrographer, and because the compiler obviously did not have a clear understanding of the terms "reef" and "shoal", this line has been removed from the map manuscript, except where specifically noted by the field inspector or from photo interpretation.

44. Comparison with Existing Topographic Surveys. -

This survey (T-8566) supersedes the following older U.S.C. & G.S. surveys in all common detail.

(1)	1365	1:10,000	1874
(2)	1451	1:10,000	1877
(3)	1522	1:10,000	1879 - 1880

Comparison has been made between map manuscript T-8583 and the following U.S.G.S. quadrangle and good agreement exists in all common detail except as noted under "Notes to the Reviewer" in the Descriptive Report.

- (1) U.S.G.S. Mount Desert Quadrangle, (Hancock County) Maine, 15 minute series, 1:62,500, Edition of 1942.

45. Comparison with Nautical Charts: -

This manuscript was compared with U.S.C. & G.S. Nautical Chart 307, edition of August 1943, corrected to August 13, 1943, 1:40,000. Discrepancies between these maps are adequately discussed under item 45 and "Notes to the Reviewer" in the Descriptive Report. One correction was made in the list of Discrepancies in that the list noted that one non-floating aid to navigation which appeared on the chart did not appear on the manuscript. The correction is that the aid mentioned is a floating aid instead of being non-floating.

Manuscript T-8566 has not been applied to U.S.C. & G.S. Nautical Charts. Few significant corrections or additions have been made on the map manuscript. All corrections made during the review have been shown on the map manuscript in red acid ink.

Reviewed by:

Reviewed under direction of:

Howard W. Thune

Howard W. Thune
Photogrammetrist 2/25/47

S. V. Griffin

Chief, Review Section 3/14/47

APPROVED BY:

B. J. Jones 3/48
Technical Assistant to the
Chief, Div. of Photogrammetry

J. R. Pitterling
Chief, Nautical Chart Branch
Division of Charts

K. T. Adams
Chief, Div. of Photogrammetry

C. K. Green
Chief, Div. of Coastal Surveys

GEOGRAPHIC NAMES

Survey No. T-8566

T-8566

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									1
Union River Bay									2
Mount Desert Island									3
Green Island									4
Black Island									5
Western Bay									6
Alley Island								USGB	7
Goose Cove									8
West Trenton									9
Oak Point									10
Southwest Point									11
Haynes Point									12
Gyant Rock									13
State No. 102 Bayside Road									14
Newbury Neck									15
Morgan Bay									16
Haskell Point									17
Hopkins Point									18
South Surry									19
Curtis Cove									20
High Head									21
Goose Rock									22
Burnt Point									23
The Hook									24
Jed Islands									25
South Ledge									26
Bird Rock									27

GEOGRAPHIC NAMES

Survey No. **T-8566**

2 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
<u>Oonary Hub</u>									1
<u>Black Rock</u>									2
<u>Olosson Island</u>									3
<u>Webber Cove</u>									4
<u>Olosson Point</u>									5
<u>Seal Ledge</u>									6
Names underlined in field approved									7
by L. Heck on 9/12/47									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20
									21
									22
									23
									24
									25
									26
									27

NAUTICAL CHARTS BRANCH

SURVEY NO. 8566

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
3/24/48	307	H. Mac Swen	Partial application Before After Verification and Review Two small dry rocks. Zone C.
6/7/62	307 Recn	Norfolk Office	Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			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.

COAST OF MAINE

PROJECT NO. CS-272

DESCRIPTIONS OF THE TOPOGRAPHIC (THEODOLITE) STATIONS,
RECOVERABLE PHOTO (TOPOGRAPHIC) STATIONS, AND TEMPORARY
PHOTO (TOPOGRAPHIC) STATIONS FOR MAP MANUSCRIPT, SURVEY
NO. T-8566.

NUMBER OF TOPOGRAPHIC (THEODOLITE) STATIONS.	5
NUMBER OF RECOVERABLE PHOTO (TOPOGRAPHIC) STATIONS . . .	18
NUMBER OF TEMPORARY PHOTO (TOPOGRAPHIC) STATIONS . . .	<u>.122</u>
TOTAL NUMBER OF STATIONS145

LISTED BY: Leo J. Kornetsky
Leo J. Kornetsky

CHECKED BY: Florence M. Senasack
Florence M. Senasack

- 40 . "CHIMNEY, 1945" - Station is tall stone chimney on NE side of $1\frac{1}{2}$ story slab house. Upper half story is cement finish. 5 meters to M H W L, ENE. Located on Mt. Desert Island just SE of Green Island. Recoverable Photo (Topographic) Station. —
- 41 . South corner of offshore corner of pier.
- 135 . Base of 20' evergreen tree growing on side of banking and 20' in from grass line.
- 136 . "CHIMNEY, 1945" - Station is red brick chimney on brown one story house with tar papered roof. House is nearly surrounded with trees, and has a stone cribbing on S side at foot of banking. Cribbing is faced with logs. 26 meters to M H W L. Located on N shore of Goose Cove. Recoverable Photo (Topographic) Station. —
- 137 . Base of dark green evergreen tree about 4 meters in from M H W L. Growing out of side of banking. Tree growing in cut between two hills. This tree is in a small cove. There is a lone 5' evergreen tree on side of banking 60 meters to the East of tree.
- 138 . Base of tallest evergreen that is just E of another shorter one. This tree sets out furthest on point of land that runs up from ledge making out from banking. There is a bare dirt banking about 20' high running alongshore to the East of it.
- 139 . Red brick chimney on one story brown house that sets up on a 20' bank. House has an "arrow" weather vane on S end of house and a white 20' flagpole in yard to S of house.
- 140 . "BRICK CHIMNEY, 1945" - Station is red brick chimney on $1\frac{1}{2}$ story white house with green trimmings. House is on NE side of highway about 60'. House is in three sections with chimney in center of SE side of house. Located just NW of Goose Cove. Recoverable Photo (Topographic) Station. —
- 141 . Base of a leaning evergreen at W end of a bare dirt 35' banking. Tree is at an angle of about 45° and is 25' tall.
- 142 . Base of a 20' evergreen tree at base of a 20' banking. Evergreen is a lone tree and is on a small patch of grass making out to the SE and is on W side of cove.
- 143 . Base of a 50' evergreen. Largest in vicinity. Tree has a 12" diameter around trunk and is halfway between a bunch of 12 50' birch trees and a small drainage running out from side of bank. Drainage to the South of tree and birches to the north.
- 144 . Base of a 14" diameter 75' evergreen growing about 20' in from grass and tree line on shore. Tree has a twin top with part of it dead. Tree is surrounded by elm trees. Apple tree about 60' south of evergreen tree.

- 145 · "WASP, 1945" - Station is bronze disc stamped "WASP, 1945" cemented in drill hole in top center of 8' high and 6' diameter round yellow brown boulder. Only boulder in vicinity that will fit this description. Boulder is 13 meters outside of M H W L. This boulder is about 60' SE from 30' leaning evergreen growing on shore and grass line. There is an apple tree growing on side of hill 60' W of boulder. Located off shoreline S of Goose Cove. Recoverable Photo (Topographic) Station. —
- 146 · Base of a 25' evergreen tree growing on side of small banking. Tree is 11 meters in from M H W L and is S about 20' from a gully making out from banking. There is a very crooked overhanging birch tree that is to the east of this tree.
- 147 · Base of a 25' evergreen growing on N end of bank. This tree is growing at the mouth of a gully making up in two bankings. There is a small dump with rubbish etc., a few feet to the west of this tree. Tree has been blazed to aid recovery.
- 148 · Top of very large square shaped rock. Rock stands about 12' tall and is largest in vicinity. Rock is 65' below M H W L.
- 149 · "CHIMNEY, 1945" - Station is top of red brick chimney on yellow house with brown trimmings. House is one story and has stone wall holding up bank of it on East front end. Located on shore about 700 meters NE of Alley Island. Recoverable Photo (Topographic) Station.. —
- 150 · Base of a 35' evergreen farthest out on point of land jutting out to the SE. There is a brook running out in ocean about 200 yards to east of this tree. A bunch of small 3' boulders running down to shore to the south of tree.
- 151 · Base of a 25' evergreen tree with projecting root. This tree leans slightly to SE and is right on the grass and tree line. Largest tree in vicinity. The roots of this tree hang right out on the shore.
- 152 · Base of a 25' twin limbed evergreen tree growing in SE corner of large open field. Only tree in vicinity.
- 153 · Base of crooked 35' evergreen tree with roots above ground and spreading out on shore. A lighter colored tree growing 20' NE of it. On a small patch of land making out from field.
- 154 · Base of a 30' evergreen tree growing on edge of grass, and has a long sloping ledge to the SE of it along shore about 100'. This tree is only one of its kind in near vicinity.
- 155 · Base of a 25' bushy evergreen tree on top of ledge running along shoreline. There is a small green house with red top 50' north of tree.

- 156 . "CHIMNEY, 1945" - Station is top of stone chimney at SE gable of 2 story yellow house with green trim. House has large barn and chicken house in back of it on NW side. House is on NW side of highway. Located about 1250 meters NE of road intersection at Oak Point. Recoverable Photo (Topographic) Station. —
- 157 . Base of tall 70' evergreen tree growing at grass line on shore in S corner of field. Right beside this tree there is a very large oak tree that is leaning over shore and towards the SE. The roots are pulled out of banking. A dirt bank runs 200 yards to NE of tree.
- 158 . SW gable of white house on point of land with a large gray ledge to the NE about 50' from it. House is in NE corner of small open field. House is about 35' above M H W L.
- 159 . East corner of log cribbing offshore from point of land making out on gray ledge. Cribbing just makes from gray colored steps and is 15 meters out from M H W L.
- 160 . East gable of white house with black blinds that sets in E end of open field. House has three windows on east side of it, and also has small porch. Plain shingled roof on it.
- 161 . Base of a 20' elm tree growing on side of ledge. Tree has a green seat built on its SE side. A white house in small open space. Back about 50' to the NW of tree. House has blue shingles on it.
- 162 . S gable of 1 story yellow house with green trimmings. Little bird house sets on S gable. There are six windows and door in middle on west side of house.
- 163 . "CHIMNEY, 1945" - Station is top of stone chimney on SW end of single story white house with green trimmings and red-brown roof. House is in small field with a 2 car garage to the NE of house. There is a large gray ledge to the S of house on shoreline. 46 meters in from M H W L on point of ledge. Located just NE of southernmost tip of Oak Point. Recoverable Photo (Topographic) — Station.
- 164 . Base of overhanging evergreen tree 40' high. This tree is SE of brown 1 story camp. Tree is the tree farthest out on shoreline. Has large projecting root sticking out on shore.
- 165 . Base of a 40' overhanging evergreen tree growing out from side of banking. Tree is almost down on shore, farther than any of the others. Tree is at a 65° angle pointing south.
- 166 . Top center of yellow brownish round boulder about 1' diameter. This is largest one of its color in vicinity. Another small one 20' north of it. Boulder is 50' SW of grass line.

- 167 - Top center of 12' high and 15' long and 12' wide dark gray boulder with rough ragged top that points to the NE. This boulder is down from shore about 150 yards and has a small flat cleared mud patch on its NE side. Patch is round with a diameter about 25'
- 168 . Top center of a 12' high flat topped boulder offshore about 75 yards from shoreline. Largest one in vicinity and is dark gray. A birch tree and two evergreen trees growing 4' apart directly NE of boulder on shoreline.
- 169 . Top center of gray slate colored boulder 2 meters outside of M H W L. Boulder has rounded top and a peculiar light grayish color. North side is flat and sloping.
- 170 . Top center of yellow brown boulder 3 meters outside M H W L. There is a large birch tree growing on top of a large boulder inside of banking just 8 meters to the NE of it.
- 171 . Top of center of yellow brown pointed top boulder that is 21 meters offshore from white spot on shore formed by shells. Leaning birch tree 22 meters W of boulder.
- 172 . Top center of yellow brown boulder 21 meters from point of dirt banking. Boulder is 5' high and 4' diameter. It has a white top on it.
- 173 . Base of 18' evergreen tree at edge of open field. Tree is about 25' in from edge of field. Tree sets up on dirt banking. Tree is a lone evergreen surrounded by a lot of small shrubbery. A small creek to the north of it about 50'.
- 174 . Base of large 40' evergreen growing on side of banking about 15' from shore and grass line. A large gray boulder with a patch of grass growing on it 20' west of tree.
- 175 . Chimney on silver colored 1 story red-roofed camp on banking overlooking shore. Large 14" diameter trunked evergreen tree growing in yard 35' NW of house. There is an iron railing fence alongside tree about 10' long.
- 176 . Chimney on northern of three houses in open field on a point of land making out NW from mainland. This house is unpainted and has large plot of garden plowed on SE side of it.
- 177 . Base of northerly of two birch trees 3' apart and growing on edge of grass line 3' from barbed wire fence. Tree has been blazed to aid recovery.
- 178 . Top center of yellow brown boulder 150' offshore. Boulder is largest in vicinity and is off point of land to the NW. Boulder is about 6' high and 12' long running East and West.
- 179 . "CREW, 1945" - Station is a bronze disc stamped "CREW, 1945" cemented in drill hole in top center of large 7' dark gray boulder about 42 meters offshore from M H W L. There is a smaller yellowish colored boulder alongside on the South. Located approximately 700 meters N of Grant Rock. Recoverable Photo (Topographic) Station. ✓

- 195 Base of a dark green evergreen tree. Tree is 45' high and has a 14" diameter trunk. Tree is growing among a group of birch trees and is about 30' inshore from shoreline.
- 196 Base of leaning 40' evergreen tree growing on shoreline 6 meters in from M H W L. Trunk of tree is projecting from ground.
- 197 NW gable of red tar shingled cottage that is in little clearing beside shore. There is an unpainted cottage 50' to the SW of this cottage.
- 198 Chimney in center of gray cottage with green trimmings on it. Cottage is surrounded by evergreen trees and has green wooden stairs coming up from shore to front of house.
- 199 Top center of large 8' black boulder on easterly of small point of land. Boulder is largest in vicinity and has round top.
- 200 South gable of gray shingled cottage on NE side of cove. There is a little stick nailed on to the south gable of this house with a radio aerial on it. A flagpole with a fish made out of wood in yard to the west of cottage.
- 256 Base of 35' evergreen tree which is at SW end of row of ledges. This tree is at SE corner of plot of grass on side of island. Tree has been blazed to aid recovery.
- 257 Base of 25' evergreen on ledge at base of larger boulder setting on ledge.
- 258 Base of 6' evergreen tree on S tip of grass on small ledge island. On top of island there is grass and trees. This mark is on S end of grass and last tree towards south tip.
- 259 Base of 20' evergreen tree setting on S end of point. This tree is tallest tree on end of point and sits in about the middle of strip of grass running down point.
- 260 Base of 15' evergreen tree on edge of SW corner of grass on top of ledge on top of point making off towards the SW. This tree is on edge of grass line running onto ledge. This tree has been blazed to aid recovery.
- 261 Base of 35' evergreen tree with three trunks and trees growing out of it. This tree is east of a group of small shrubbery growing on a small point of grass running out to the northeast of main body of trees.
- 318 Leaning evergreen tree on NW tip of lawn.
- 319 Large round top yellow brown boulder off shore. Largest in vicinity.

- 320 . Base of twin 35' evergreen tree with twin tops on it. This tree is just on shoreline and grassline and is 25' approximately west of group of rocks on beach.
- 321 . Base of 55' twin evergreen tree sitting by itself away from others several yards. Only twin topped evergreen tree in vicinity.
- 322 . Top of 6' gray boulder sitting on top of small ledge. Ledge is also gray.
- 323 . Base of lone 20' evergreen that is southerly of five evergreens.
- 324 . Most southerly evergreen on island.
- 325 . Base of farthest evergreen to the SW of large group of trees on westerly side of island.
- 326 . Southerly of 25' evergreen trees on point with ledge running down from it.
- 327 . Top of yellow brown rock about 3 meters out from M H W L on point of dirt banking. Another boulder at base of bank.
- 452 . Top of brick chimney at north side of unpainted house. House is on west side of road. House has a barn or shed attached to it on W side. House also has a larger barn and a shed to south of it.
- 453 . Top of chimney on unpainted and green trimmed 1 story cottage sitting up on banking. Cottage has a bunch of birch trees in front of it. There are six windows on east side of house overlooking water.
- 454 . Base of 60' lone evergreen tree growing at the base of banking at head of beach. This tree is growing on grass line and has two 35' birch trees growing about 20' to the north of it. Tree is 7 meters in from M H W L.
- 455 . South gable of 1 story unpainted house sitting on the west side of road. There is a 70' lone evergreen tree a few hundred yards to the SW of this house.
- 456 . Top of black 7' high boulder on M H W L and about 20' east of bare patch of dirt on banking on tip of land making out to the eastward.
- 457 . Base of large 40' leaning evergreen. This tree leans to the east and is only large evergreen in this vicinity.
- 458 . Top center of large white boulder about 6' high and fairly round. Boulder is $4\frac{1}{2}$ meters outside of M H W L. There is a large pile of small boulders about 20' to west of boulder on side of banking.
- 459 . Top center of a 2' white boulder near NE corner of field. Boulder is 1 meter inside of M H W L. This boulder is at end of gully running out from field on beach. A rock has been placed on top of boulder to aid in recovery.

- 460 · Top of white boulder at M H W L. This boulder is only white one in vicinity and is at north end of long ledge.
- 461 · "GABLE, 1945" - Station is NE gable of large gray boat house with large swinging white door on NE end of it. This is only house on point. There is a bent rod on NE gable of this barn. Barn is 5 meters in from M H W L. Located at Haskell Point. Recoverable Photo (Topographic) Station.
- 462 · Base of 40' evergreen tree on south side of gully running down on beach. Tree is only one in vicinity.
- 463 · Base of very large 40' high twin oak tree growing at edge of grass line upon side of banking. This is largest tree in vicinity.
- 464 · Top center of white boulder in 2 meters from M H W L. There is another boulder right beside this boulder the same size.
- 465 · Base of the taller of two evergreen trees on point of grass making off towards the eastward. This tree is the northeasterly of the two.
- 466 · NE gable of small unpainted shingled house 20 meters in from M H W L. This house is on the north side of little cove and has 2 windows on the south side. Only house in vicinity.
- 467 · Base of a 25' evergreen tree growing on side of banking. This evergreen sits by itself and is the farthest north from a group of other evergreen trees.
- 468 · Small evergreen on south side of path running up in woods. Tree is about 15' high and only one in vicinity.
- 469 · The southerly of two small evergreen trees growing near grass line and about 18' from one another. These two trees are about 18' high and are only ones in vicinity.
- 470 · Base of dark green 15' evergreen tree that is 10' to the west of old shack on shoreline. There is a row of boulders running off to the SE down the shore.
- 471 · Base of 25' apple tree growing on side of banking about 20' east of a group of evergreen trees. The base of this tree has been blazed to aid recovery.
- 472 · "CHIMNEY, 1945" - Station is top of stone chimney on S gable of 1½ story brown house sitting 25 meters in from M H W L and up on 18' banking. House has white trimmings. This house has an open porch on side facing the water and also on N and E sides. There is a white railing on porch around house. Located about 700 meters S of South Surry. Recoverable Photo (Topographic) Station.
- 473 · Base of a maple tree at shore and grass point that has 8 different parts of the tree growing out of it. The roots grow out of the banking and tree grows right on top of a large gray ledge. A birch tree 6' to the SW of this tree.

- 474 . NE gable of small unpainted shack with red trimmings on corners. This shack sits SW from a group of birch trees sitting on edge of shore and banking. There is one window on the north side of this shack.
- 475 . Top center of only 3' boulder in vicinity. Boulder is 1 meter outside of M H W L.
- 476 . Base of a 6' evergreen tree near the top of a ledge with an iron spike in the top of it. The tree is 5 meters north of this iron spike.
- 477 . "JURY, 1945" - Station is a bronze disc stamped "JURY, 1945" cemented in drill hole in top center of round white 4' diameter boulder. Boulder has a 4' evergreen growing alongside and is 5 meters NE of an old tar papered shack. Boulder is 23 meters in from M H W L. Located at Curtis Cove. Recoverable Photo (Topographic) Station.
- 478 . Base of 15' evergreen tree on edge of a 10' cliff on NE point of land.
- 479 . Base of a 15' evergreen tree growing at top of a 15' cliff on S side of island.
- 480 . Top of chimney on white house with green trimmings. This house has a fence running around the front of it.
- 481 . North chimney on $1\frac{1}{2}$ story white house with green trimming. House has green blinds on it. Open porch on east side of house.
- 483 . Top of large yellow boulder about 15 meters off M H W L. This boulder is largest in vicinity.
- 484 . Top center of reddish brown boulder with rather flat top and has yellow stripes running through it.
- 485 . Top center of white boulder at M H W L and lays in center of grass line on shore. This is about a 4' boulder and is largest one in vicinity.
- 486 . Top of white 3' diameter boulder 5 meters in from M H W L. There is a 25' birch tree growing at side of boulder on NE side of it and overhangs it slightly.
- 487 . Base of overhanging evergreen tree that is 25' tall and growing on extreme edge of grass line. Roots on this tree projecting. This tree has been blazed to aid recovery.
- 488 . Base of a 30' twin evergreen tree growing at grassline. There is a small patch of sandy beach running along in front of tree. This tree has been blazed to aid recovery. Tree is $7\frac{1}{2}$ meters in from M H W L.

- 489 - Center top of a dark brown boulder that is 6' high and about 12' long. Top of it is fairly flat and has small fine black lines running through it. This boulder is largest in vicinity. Boulder is 16 meters out from M H W L.
- 490 - "LAND, 1945" - Station is a bronze disc stamped "LAND, 1945" cemented in a drill hole in top center of large white boulder that is 2 meters offshore from M H W L. Boulder is cracked on NW side and is situated on N end of grass patch running along shore. Located on the W side of Newbury Neck about $1\frac{1}{4}$ miles N of The Nook. Recoverable Photo (Topographic) Station.
- 491 - Top center of a white topped boulder 1 meter outside of M H W L. This boulder has a small hole in it on SW lower corner. Boulder also has a small black line running vertically on the south end of it.
- 492 - Base of the southerly of two 35' evergreen trees growing side by side about 5' from each other. These trees are growing at edge of grassline and lean out toward beach overhanging it slightly.
- 493 - Base of three birch trees growing out of the same roots. Trees are approximately 30' tall. This tree is at edge of grass line and is the only clump of birch trees on the north tip of the point. Trees are $6\frac{1}{2}$ meters in from M H W L.
- 494 - Top center of yellow colored boulder sitting on NW side and at the outlet of a small brook running back into woods. This boulder is only one sitting at the outlet of this brook.
- 495 - Top of small low 3' white rock sitting at foot of a hill running off to the eastward of rock. This rock is 3 meters in from M H W L and is only rock in vicinity.
- 496 - Base of a 30' evergreen tree sitting on edge of little banking on small point. Half the roots are exposed on this tree. This evergreen has sparsely spaced branches on its N side. Tree is 5 meters in from M H W L.
- 497 - "ZONE, 1945" - Station is bronze disc stamped "ZONE, 1945" cemented in top center of large 12' high boulder with whitish top and brownish colored base. This boulder is largest one in cove and is 3 meters offshore from M H W L and 120 meters S of shack on shore. Located about 2 miles N of The Nook. Recoverable Photo (Topographic) Station.
- 498 - Chimney on tar papered shack overlooking cove. This house has a large group of evergreen trees to the east of it. House sets on a 10' banking.
- 499 - Base of a 35' evergreen tree standing on end of point. Tree is a lone tree and has scraggly branches. This tree sets up on top of a high ledge.

- 512 . Base of a 30' evergreen tree on N end of shore which has a beach. This evergreen sits up on a 15' ledge and the base of tree has been blazed.
- 513 . Base of an 18' evergreen tree on north end of island. A dead birch tree about 20 meters to the NW of tree and a small 4' evergreen tree growing alongside of tree.
- 514 . Cupola on top of 3 stall garage with a small house attached. This house and garage set in from the main house that is on point.
- 515 . Base of 30' evergreen tree growing at shoreline 6 meters in from M H W L. Base of tree has been blazed to aid recovery.
- 516 . Base of a 40' evergreen tree that is about 30 meters NW of a rock slide.
- 517 . Base of a 40' evergreen tree about 3' in from grass line. This tree has no limbs on E side of it and there is a pole placed under it leaning on its limbs.
- 518 . Base of the evergreen growing right at the shore and by a ledge. There is a group of these trees inshore. This is the largest tree in group.
- 519 . "COLT, 1945" - Station is bronze disc stamped "COLT, 1945" cemented in drill hole in top center of round 12' diameter boulder at M H W L. Boulder is very conspicuous as it is largest in vicinity and has white streaks running vertically through it. Boulder has several large cracks. Located on SW side of Newbury Neck. Recoverable Photo (Topographic) Station.
- 520 . Base of a 30' evergreen tree growing at edge of a long gray ledge. This tree sits by itself and has a lot of low bushes around it.
- 521 . The top point of a pointed topped boulder about 4 meters outside of M H W L. This boulder has a broken slab on its N side leaning against it.
- 522 . "SILK, 1945" - Station is bronze disc stamped "SILK, 1945" cemented in top center of yellow-brown boulder with white pointed top. There are two other light colored boulders near station, one NE and 1' above M H W, and the other SW and 0' at M H W. Station is 6 meters offshore from M H W L. Located just S of The Nook. Recoverable Photo (Topographic) Station.
- 523 . Base of three evergreen trees growing together on little ledge about 3' up overhanging shoreline. These trees are approximately 1 meter in from M H W L. Trees are about 35' high. There is a little sand spot on shore at the NW end of trees.
- 546 . Top of a large boulder on SW tip of island. Boulder is largest on SW tip.

- 547 . "RAKE, 1945" - Station is a bronze disc stamped "RAKE, 1945" cemented in a drill hole in top center of boulder, which is southerly of 2 boulders and is 8 m NW of lone 25' birch tree. Boulder is 14 meters in from M H W L. There is a similar boulder 4 m N of the station. Located on the NW side of the largest of the group of Jed Islands. Recoverable Photo (Topographic) Station.
- 548 . Highest largest gray boulder northerly of two boulders at grass line.
- 549 . "CHIMNEY, 1945" - Station is large brick chimney in center of SW part of 2 story white house. House is in several sections. There is a large gray yacht club with a long pier to the SW of main house. Located at Webber Cove. Recoverable Photo (Topographic) Station.
- 550 . SE corner of offshore end of pier.
- 551 . Top center of white topped boulder at M H W L.
- 558 . Top center of round topped boulder that is about 5 meters outside of M H W L. Boulder is largest in vicinity being about 10' tall. Boulder sits at edge of ledge.
- 559 . NE corner of grass on stone pier. This spot is marked with rocks piled around a wooden post.
- 560 . Stone chimney on the northerly of two log cabin camps. This cabin is built high on a ledge. There is a rock foundation under cabin sitting up on the ledge.
- 561 . "SNOB, 1945" - Station is a bronze disc stamped "SNOB, 1945" cemented in a drill hole in top center of large boulder. Smaller boulder is very close on NE side. Boulder sits about 10' NE of a 25' cliff, and 7 meters off from M H W L. Located about 600 meters S of Closson Island. Recoverable Photo (Topographic) Station.
- 562 . Log sticking out of a long crack in boulder that slopes off towards the SE. This mark on boulder is 2 meters in from M H W L.
- 563 . East gable on gray 2 story house with stone foundation. There are three windows on E side of house under the E gable.

THEODOLITE STATIONS

- ALLEY:** Station is located on the western side of Alley Island, which is on the northern side of Western Bay, in upper Blue Hill Bay, about 250 meters north of the SW tip of Alley Island, 15 meters north of the N end of a gravel beach, 10 meters back of the M H W L, 7 meters S of N end of flat ledge rock that drops off about 3 feet, 9 meters SW of end of old stone fence, and about 50 meters N of northern edge of cleared area on S end of Island. Standard disk, stamped "ALLEY, 1944", set in flat ledge rock.
- BURY:** Station is located in about the center and highest part of the bare rock about 50 meters SW of Burnt Point on the southern tip of Newbury Neck in upper Blue Hill Bay, 16 meters NE of the M H W L. The area between the rock and point is bare except at high tide. Mark is a standard disk, stamped "BURY, 1944", set in ledge rock.
- CURT:** Station is located on Goose Rock, which is about midway between Burnt Point and High Head off the S end of Newbury Neck on the W side of Union River Bay. Station is on narrow rocky point on the SE side of the Rock, 17 meters outside tree line, 29 meters NW of M H W L at end of point, 11 meters west of M H W L to east. Mark is a standard disk stamped "CURT, 1944", set in ledge rock. One can walk to station at low tide.
- OAK:** Station is located E of Union River Bay, about 10.0 miles S of Ellsworth, Maine, 1.14 miles S of Haynes Point and 0.3 miles SE of Southwest Point on the SW side of Oak Point. Mark is a standard topo disk stamped "OAK, 1944" set in a 3' x 3' boulder 3 meters south of the bluff line and 2 meters N of the M H W L.
- SQUID:** Station is located on the western side of Black Island in Upper Blue Hill Bay, about 1 mile ENE of the N tip of Bartlett Island, about 50 meters from the S tip of the Island, and just south of the first small indentation on the western side, 5 meters back of the M H W L. Mark is a standard disk, stamped "SQUID, 1944", set in the ledge rock.

NOTES
FOR
HYDROGRAPHIC PARTIES

COAST OF MAINE.

MAP MANUSCRIPT, SURVEY NO. T-8566
PROJECT NO. CS-272

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

The very small black acid ink circles, accompanied by the note "Sub. Sta." are the positions of the substitute stations. Brief descriptions of the substitute stations may be found on the pricking cards Form No. M-982-1 submitted to the Washington Office.

The alternate dash and dot ink line is the position of the Mean Low-Water Line accurately identified by the Field Unit. The dotted ink line is the position of the Mean Low-Water Line identified somewhat approximately by the Field Unit.

The outline of shoal and reef areas shown are approximate and are for your advance information only. They are shown with long dashed and short dashed lines, respectively, accompanied by the note, "Shoal" or "Reef".

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

← corrected H.P.D. 2/21/47
One ~~man~~-Floating Aid to Navigation southwest of South Ledge.

One rock awash on the west side of Newbury Neck approximately $\frac{3}{4}$ mile south of The Nook.

Grant Rock - Geographic name only shown in its approximate position.

Two sunken rocks and two rocks awash east of Alley Island.

5 rocks awash north of Alley Island.

11 rocks awash and one sunken rock between Alley Island and the mainland to the west.

Two sunken rocks west southwest of Green Island.

The following features are shown on the Map Manuscript in disagreement with the Nautical Chart and should also be investigated during the next hydrographic survey:

Charted ledge northwest of Webber Cove is shown as gravel and boulders.

Two charted rocks awash at Seal Ledge are shown as three rocks awash and two small ledge areas.

A charted small islet surrounded by ledge at Conary Nub is shown as a small islet and several high water rocks surrounded by ledge.

Several charted rocks awash and two charted sunken rocks at Jed Islands are shown as a ledge area with one rock awash and several high water rocks.

Two charted rocks awash at South Ledge are shown as a ledge area.

One charted rock awash southwest of Burnt Point is shown as a ledge area.

One charted rock awash north of Haskell Point is shown as ledge.

One charted sunken rock west northwest of Green Island is shown as ledge bare at Mean Low Water.

Two charted rocks awash north of Green Island, and two charted rocks awash west of Green Island are shown as ledge areas.

The following charted ledge areas have been shown as gravel and boulder areas some of which also have sand along with the gravel and boulders:

South of Hopkins Point.

Along the southern shore of a cove about $1\frac{1}{2}$ miles north of Haynes Point.

About $\frac{3}{4}$ mile north of Haynes Point.

At Grant Rock.

Between Grant Rock and Haynes Point.

South of Southwest Point.

At Oak Point.

Note: For location, see section of Nautical Chart No. 307 attached to this report. The features not revealed by photography have been indicated by a red ink line around the area in which they fall and the features in disagreement by a green ink line.

Respectfully Submitted
August 9, 1946

Harry R. Rudolph
Harry R. Rudolph
Photogrammetric Engineer

Approved and Forwarded
August 14, 1946

William F. Deane
William F. Deane
Chief of Party, C & G Survey
Officer in Charge
Baltimore Photogrammetric Office

