

# 8051

1203

Form 504	
U. S. COAST AND GEODETIC SURVEY	
DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey <u>Shoreline Survey</u>	
Field No. ....	Office No. <u>T-8051</u> <u>CS-272</u>
LOCALITY	
State <u>Maine</u>	
General locality <u>Deer Isle</u>	
Locality <u>Crockett Cove to Webb Cove</u>	
<u>1943 and 1945</u>	
CHIEF OF PARTY	
<u>William F. Deane</u>	
LIBRARY & ARCHIVES	
DATE <u>September 7, 1948</u>	

B-1870-1 (1)++

# 8051

## DATA RECORD

T- 8051

Quadrangle (II):

Project No. (II): CS-272-D

Field Office:

Chief of Party: Fred. L. Peacock

Air Photographic Party No. 2

Compilation Office:

Chief of Party:

Baltimore Photogrammetric Office

William F. Deane

Instructions dated (II III):

Copy filed in Descriptive  
Report No. T- (VI)April 11, 1942, April 20, 1943.  
May 8, 1945, June 15, 1945.Completed survey received in office: *19 Feb. 1947*

Reported to Nautical Chart Section:

Reviewed: *26 Sept. 1947*

Applied to chart No.

Date:

Redrafting Completed: *August*  
*14 Feb. 1948*Registered: *20 July 1948*Published: *11 June, 1948 (Vault copy)*

Compilation Scale: 1:10,000

Published Scale: *1:10000*

Scale Factor (III): None

Geographic Datum (III): N.A.1927

Datum Plane (III): *M.H.W*

Reference Station (III) BURNT COVE, 1861

Lat.: 44 09' 19.340" 596.9 m. Long.: 68 41' 12.658" 281.3 m Adjusted  
UnadjustedState Plane Coordinates (VI): *Maine (East Zone)*

X =

Y =

Military Grid Zone (VI)



PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
44-C-1606 to 1608 incl.	6-4-44	1030	1:10,000	7.5 above M.L.W.
44-C-1561 to 1564 incl	6-4-44	945	1:10,000	8.5 above M.L.W.
44-C-1778 and 1779	6-5-44	1215	1:10,000	5.6 above M.L.W.
44-C-1780	6-5-44	1230	1:10,000	5.1 above M.L.W.
06858 to 06860 incl.	10-19-41	1030	1:10,000	9.7 above M.L.W.

Tide from (III): Predicted Tide Tables, Atlantic Ocean, Reference Station,  
Portland, Maine, with corrections to Stonington, Deer Isle  
Mean Range: 9.7' Spring Range: 11.0'

Camera: (Kind or source) U.S.C. & G.S. wide angle lens, Type "C" focal  
length "6". U.S.C. & G.S. nine lens camera, 8 $\frac{1}{4}$ " focal length.

Field Inspection by: Henry O. Fortin date: 1943  
Dale E. Sturmer 1945

Field Edit by: date:

Date of Mean High-Water Line Location (III):

From Allen Cove westward, field inspection in October 1943.  
Remainder from field inspection in July, Aug., Sept. 1945, excepting  
Mark Island and Second Island which was delineated from 1944 photo-  
graphs dated June 4, 1944.

Projection and Grids ruled by (III) S. R. date: 4/25/46

" " " checked by: S. R. date: 4/25/46

Control plotted by: R. E. Rudolph date: 6/3/46

Control checked by: F. J. Tarcza date: 6/3/46

Radial Plot by: F.J.Tarcza and L.A. Senasack date: June 1946

Detailed by: Mildred M. Trautman date: Sept. 12, 1946  
to Jan. 8, 1947

Reviewed in compilation office by: R. Glaser date: 1/21/47 to  
2/5/47

Elevations on <sup>Map Manuscript</sup> ~~Field Edit Sheet~~  
checked by: Charles Theurer date: Sept. 1947

### STATISTICS (III)

Land Area (Sq. Statute Miles): approximately 5

Shoreline (More than 200 meters to opposite shore): 37 statute miles

Shoreline (Less than 200 meters to opposite shore): 4 statute miles  
measured along centerline of streams

Number of Recoverable Topographic Stations established: 21\*

Number of Temporary Hydrographic Stations located by radial  
plot: 92

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: \* One of these stations is also a tidal bench mark, one  
is the radially plotted position of a U.S.E. horizontal control station,  
and 6 are the radially plotted positions of substitute stations for  
USE horizontal control.



MAP T. 8051

PROJECT NO. CS-272-D

SCALE OF MAP 1:10,000

SCALE FACTOR None

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR LONGITUDE OR $\psi$ -COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
WEST STONINGTON CHURCH SPIRE, 1910	Letter No. 63-RM 7-19-46	N.A. 1927	44 10' 06.248"				192.8 (1659.1)	✓	
BURNT COVE, 1861	Acc. No. G-6053 P. 161	N.A. 1927	68 41' 28.856"				641.1 (691.9)		
Sub. Sta. BUR.		N.A. 1927	44 09' 19.340"				596.9 (1255.0)		
		N.A. 1927	68 41' 12.658"				281.3 (1052.0)		
DEER ISLAND THOROFARE L.H. 1861	Crosby 34 p. 37	N.A. 1927 Field	44 08' 03.43"				590.5 (1261.4)		
		N.A. 1927	68 42' 13.68"				276.6 (1056.7)		
ST. HELENA ISLAND, 1868	Spec. Pub. No. 46 p. 87	N.A. 1927	44 07' 58.407"			21.3	105.9 (1746.0)		
		N.A. 1927	68 38' 46.097"			2.7	304.1 (1029.7)		
Sub. Sta. ST. HELENA ISLAND		N.A. 1927	44 07'				1781.5 (70.4)		
		N.A. 1927	68 38'				1022.0 (311.8)		
RUSS ISLAND, 1868	Letter No. 63-RM 7-19-46	N.A. 1927	44 09' 03.192"				1781.1 (70.8)		
		N.A. 1927	68 38' 39.354"				1026.9 (306.9)		
Sub. Sta. RUSS ISLAND		N.A. 1927	44 09'				98.5 (1753.4)		
		N.A. 1927	68 38'				874.6 (458.8)		
WHITMORE, 1934	Acc. No. G-6053 P. 162	N.A. 1927	44 11' 04.877"				79.0 (1772.9)		
		N.A. 1927	68 37' 33.142"				888.0 (445.4)		
Sub. Sta. WHITMORE		N.A. 1927	44 11'				150.5 (1701.4)		
		N.A. 1927	68 37'				736.1 (596.6)		
CROTCH ISLAND STACK, 1910	Letter No. 63-RM 7-19-46	N.A. 1927	44 08' 45.09"				152.6 (1699.3)		
		N.A. 1927	68 40' 31.98"				763.8 (568.9)		
STONINGTON, WATER TOWER, 1910	Letter No. 63-RM 7-19-46	N.A. 1927	44 09' 29.280"				1391.7 (460.2)		
		N.A. 1927	68 40' 24.133"				710.8 (622.7)		
		N.A. 1927					903.7 (948.2)		
		N.A. 1927					536.3 (797.0)		

1 FT. = 3048008 METER

COMPUTED BY: N. M. Senasack

DATE April 1946

CHECKED BY: E.L. Bauman

DATE April 1946

M-2388-12

# FIELD REPORT

SURVEY T - 8051

## 1. DESCRIPTION OF THE AREA:

Survey No. T-8051 is one of 27 shoreline maps in Project CS-272-D located in the Penobscot Bay, Maine, area, on the eastern side of East Penobscot Bay and includes the southern part of Deer Isle and several small islands to the south and west of Deer Isle. T-8051 will be compiled in accordance with written instructions dated 1 April 1942, 20 April 1943, 8 May 1945, and 15 June 1945, by graphic photogrammetric methods.

The area is irregular rolling land with the elevation ranging from sea level to a maximum of 150 feet. The alongshore area is rock ledge interspersed by small sand and gravel beaches. The largest town in the area is Stonington with fishing being the principal industry.

## 2. COMPLETENESS OF THE FIELD INSPECTION:

The field inspection is complete with the exception of the drainage and approximately 60% of the M.L.W.L. The part of the M.L.W.L. not inspected extends from Allen Cove westward to the limits of the map.

## 3. INTERPRETATION OF THE PHOTOGRAPHS:

No comment.

## 4. HORIZONTAL CONTROL:

Eight U.S.C. & G.S. and nine U.S.E. horizontal control stations were recovered and identified.

The following is a tabulated list of information on horizontal control recovered and stations identified:

STATION	ESTABLISH. AGENCY	RECOVERED	IDENTIF. ON PHOTO.	METHOD OF IDENTIF.
✦ WEST STONINGTON				
CHURCH SPIRE, 1910	USC&GS	Yes	6858	Picked direct
✦ BURNT COVE, 1861	"	"	"	Sub. Sta.
✦ DEER ISLE THOROFARE L.H. 1861	"	"	"	Picked direct
✦ ST. HELENA ISLAND, 1868	"	"	44-C-1561	Sub. Sta.
✦ RUSS ISLAND, 1868	"	"	44-C-1562	" "
✦ WHITMORE, 1934	"	"	44-C-1522	" "
✦ CROTCH ISLAND STACK, 1910	"	"	6858	Picked direct
✦ STONINGTON W.T., 1910	"	"	"	" "
WHARF HAR	U.S.E.		"	Sub. Sta.
(S. BASE) SOUTH	"	"	"	" "
COVE VOC	"	"	"	" "
(SHIPYARD) SHIP	"	"	"	" "
BLUFF BLU	"	"	"	" "
(CROTCH NO. 3) CRO	"	"	"	" "
✓ LEDGE	"	"	"	Picked Direct



STATION	ESTABLISH. AGENCY	RECOV.	IDENTIF. ON PHOTO.	METHOD OF IDENTIF.
W. GREEN	U.S.E.	Yes	6858	Sub. Sta.
E. BASE BREAKWATER REF.	"	"	6858	Sub. Sta.

5. VERTICAL CONTROL:

Three tidal B.M.'s were searched for. Two were recovered but only one of these was identified. Recovery data for the Bench Marks is as follows:

STATION	RECOVERED	IDENTIFIED ON PHOTO.	METHOD OF IDENTIF.
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STONINGTON No. 1, 1875	No	None	
STONINGTON No. 2, 1911	*Yes	None	
STONINGTON No. 3, 1911	*Yes	44-C-1563	Picked direct
<i>* Recovery by M. Jenkins. Reported to Tides &amp; Currents but no form 685 received by " " " for either any of these stations on 8/16/48</i>			

6. DRAINAGE:

None identified

7. MEAN HIGH WATER LINE:

The mean high water line as seen from a dinghy close to shore is indicated by a continuous red line from Allen Cove westward and by a dashed red line at intervals from Allen Cove eastward.

8. MEAN LOW WATER LINE:

No special attempt was made to locate the mean low water line. The mean low water line of the eastern part of Deer Isle and parts of several islands southeast of Deer Isle was identified.

9. WHARVES AND SHORELINE STRUCTURES:

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

At Stonington, a new pier had been built between the time of the photographs and the date of the 1945 field inspection. A fix was taken at the southwest corner of this pier and measurements have been shown on field inspection photographs Nos. 44-C-1562 and 44-C-1563.

10. DETAILS OFFSHORE FROM MEAN HIGH WATER LINE:

No obstructions not already charted were noted offshore.



11. LANDMARKS AND AIDS TO NAVIGATION:

One charted fixed aid to navigation, Crotch Island Light, was identified.

No floating aids were identified.

12. HYDROGRAPHIC CONTROL:

92 Temporary signal sites were identified. Descriptions have been furnished.

14. ROAD CLASSIFICATION:

In accordance with the Army War College Circular dated January 12, 1942 and instructions dated June 30, 1945.

18. GEOGRAPHIC NAMES:

No investigation.

19. CABLE CROSSINGS:

The <sup>shore aids</sup> ~~anchoring~~ <sup>submerged</sup> of a cable, crossing at Deer Island Thorofare were identified.

KTA

(This field report written by the compilation office from notes furnished by the field party.)

Mildred M. Grantman  
Photogrammetric Aid



COMPILATION REPORT

MAP MANUSCRIPT, SURVEY NO. T-8051

26. CONTROL:

Refer to the field report for list of control.

The nine U.S. Engineers horizontal control stations identified by the field unit, eight of which were identified by substitute stations, could not be used for controlling the photographs because no geographic positions were available. Their positions, however, were radially plotted. Form No. 524 was submitted for each of these stations with the exception of W. GREEN (U.S.E.), and E. BASE BREAKWATER REF. (U.S.E.), both of which were identified by Sub. Sta. GREEN. No position was submitted for Sub. Sta. GREEN because it is not of a permanent nature.

27. RADIAL PLOT:

The radial plot is part of a combined plot made with celluloid templates for Surveys Nos. T-8049, T-8050, and T-8051. The report was forwarded to the Washington Office October 22, 1946 and is now included in Descriptive Report T-8049.

28. DELINEATION:

Several small islets at Dow Ledges were delineated from photograph 44-C-1562 according to office interpretation, because the field party identified these islets on light struck photograph No. 44-C-1563.

The field party identified Humpkins Islet on photographs Nos. 44-C-1524 and 44-C-1563. Since photograph No. 44-C-1563 was light struck, delineation of this islet was from photograph No. 44-C-1524.

Photographs Nos. 06858 and 06859 were not satisfactory for office delineation, because of large light struck areas.

Only two-cut intersections were possible in most of the area between longitude  $68^{\circ}38'$  and  $68^{\circ}39' 15''$  because of insufficient photograph coverage.

29. SUPPLEMENTAL DATA:

None.

30. MEAN HIGH WATER LINE:

Inasmuch as nine lens field photograph No. 06858 was light struck in the area of Second and Mark Islands, the location of the M.H.W.L. of these islands, as identified by the field unit of 1943, was not used in the delineation. Single lens photographs Nos. 44-C-1607 and 44-C-1608 were used for the determination of the mean high water and reef lines in the area of the above mentioned islands.

See Data Record for dates of M.H.W.L. inspection.



31. MEAN LOW WATER LINES:

See field report.

32. SHOAL AND REEF LINES:

In addition to shoal and reef lines identified by the field party the compilation office delineated all shoal and reef lines apparent on the photographs.

32.

33. DETAILS OFFSHORE THE MEAN HIGH WATER LINE:

No comment.

33.

34. WHARVES AND SHORELINE STRUCTURES:

See field report.

34.

35. LANDMARKS AND AIDS TO NAVIGATION:

One previously charted Aid to Navigation was located by radial plot. See Form No. 567 submitted with this report. *Chart. Let. No. 634 (1947)*

35.

36. HYDROGRAPHIC CONTROL:

92 Hydrographic signal sites

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

36.

37. LANDING FIELDS AND AERONAUTICAL AIDS:

None.

38. GEOGRAPHIC NAMES: *217*

No geographic names investigation was made.

The geographic names appearing on the map have been taken from Nautical Charts Nos. 227 and 309, and the United States Geological Survey, Deer Isle, Maine, Quadrangle Map.

It is noted that there are two Potato Islands and two Round Islands in the SE part of this survey.

39. JUNCTIONS:

The junctions with Survey No. T-8551 to the south, Surveys Nos. T-8554, T-8555, and T-8556 to the east and Survey T-8050 to the north, have been made and are in agreement.



39. JUNCTIONS: (Continued).

The junction with Survey No. T-8032 to the west is an all water area.

44. COMPARISON WITH EXISTING TOPOGRAPHIC SURVEYS:

The map has been compared in detail with U. S. Geological Survey quadrangle Deer Isle, Maine, scale 1:62,500 edition of 1904, reprinted 1940, and found to be in fair agreement.

45. COMPARISON WITH NAUTICAL CHARTS:

The map has been compared in detail with Chart No. 309, scale 1:40,000, published July 1943, corrected to April 27, 1946.

a. The following topographic information shown on the map is of sufficient importance to warrant immediate application to the chart:

The new pier at Staple Point (approximately 70 meters in length.)

← appd. to chart 309 p. 6

lat 09'  
long 37'

b. The following topographic details above the plane of mean high water are now shown on this map but are believed to still exist and should be carried forward on the chart:

None

Respectfully submitted:

Mildred M. Trautman  
Photogrammetric Aid  
Compilation and  
Compilation Report

Raymond Glaser  
Photogrammetric Aid  
Photogrammetric Office Review

Harry R. Rudolph  
Supervisor

Approved and Forwarded  
19 February 1947

William F. Deane  
Officer in Charge  
Baltimore Photogrammetric Office

NOTES  
FOR  
HYDROGRAPHIC PARTIES

EAST PENOBSCOT BAY

MAP MANUSCRIPT SURVEY NO. T-8051

PROJECT NO. CS-272-D

The  $2\frac{1}{2}$  millimeter circles accompanied with a name, date, and number are the positions of recoverable photo (topographic) stations. All other such circles accompanied with a number only are the positions of the hydrographic signal sites. Two copies of the list of descriptions of all of the hydrographic signal sites have been furnished for your use.

The outlines of reef and shoal areas are approximate and are for your advance information only. They are shown with short dashed and long dashed lines accompanied with the notes "Reef" and "Shoal" respectively.

The map has been compared in detail with Chart No. 309, scale 1:40,000 published July 1943, corrected to April 27, 1946.

a. The following topographic information shown on the map is of sufficient importance to warrant immediate application to the chart:

The new pier at Staple Point (approximately 70 m. in length).

b. The following topographic details above the plane of mean high water are not shown on this manuscript but are believed to still exist and should be carried forward on the chart:

None.

Respectfully submitted  
14 January 1947

Approved and Forwarded  
19 February 1947

William F. Deane  
Officer in Charge  
Baltimore Photogrammetric Office

Melvin M. Trautman  
Photogrammetric Aid



# GEOGRAPHIC NAMES

(Undisputed)

- ✓ • ALLEN COVE
- ✓ • ANDREWS ISLAND
- ✓ • BARE ISLAND
- ✓ • BARRED ISLAND
- ✓ • BARRED ISLAND LEDGE
- ✓ • BAY LEDGE
- ✓ • BUCKMASTER LEDGES
- ✓ • BUCKMASTER NECK
- ✓ • BURNT COVE
- ✓ • CAMP ISLAND
- ✓ • CHANNEL ROCK
- ✓ • CROCKETT COVE
- ✓ • CROTCH ISLAND
- ✓ • DAVES ISLAND
- ✓ • DEER ISLAND THOROFARE
- ✓ • DEER ISLE
- ✓ • FARREL ISLAND
- ✓ • FIFIELD POINT
- ✓ • FORT ISLAND
- ✓ • GREENS HEAD
- ✓ • GROG ISLAND
- ✓ • GROG LEDGE
- ✓ • GOOSE COVE
- ✓ • HATCH COVE
- ✓ • HUMPKINS ~~ISLE~~ Ledge
- ✓ • LITTLE CAMP ISLAND
- ✓ • MARK ISLAND
- ✓ • MILL ~~COVE~~ Pond
- ✓ • Flea Island
- ✓ • East Penobscot Bay
- ✓ • Little George Head Island
- ✓ • Holt Pond
- ✓ • Green Island
- ✓ • MOOSE ISLAND
- ✓ • NIGGER HEAD ISLAND
- ✓ • POTATO ISLAND (E. of Green Island)
- ✓ • POTATO ISLAND (W. of St. Helena Island)
- ✓ • ROCK ISLAND
- ✓ • ROEBUCK LEDGE
- ✓ • ROUND ISLAND (W. of Russ Island)
- ✓ • ROUND ISLAND (E. of Wreck Island)
- ✓ • RUSS ISLAND
- ✓ • SAM SLICK LEDGE
- ✓ • SAND ISLAND
- ✓ • SCRAGGY ISLAND
- ✓ • SECOND ISLAND
- ✓ • SELLERS ROCK
- ✓ • STAPLE POINT
- ✓ • ST. HELENA ISLAND
- ✓ • STINSON POINT
- ✓ • STONINGTON
- ✓ • THURLOW HEAD
- ✓ • TWO BUSH ISLANDS
- ✓ • TWIN LEDGES
- ✓ • WEBB COVE
- ✓ • WESTERN DEER ISLAND LEDGE
- ✓ • WEST DEER ISLE
- ✓ • WEST MARK ISLAND LEDGE
- ✓ • WHITMORE NECK
- ✓ • WRECK ISLAND
- ✓ • YELLOW ROCK
- ✓ • Thurlow Knob
- State 172
- state Alt. 172



GEOGRAPHIC NAMES

(Disputed)

Nautical Chart No. 309

✓ . JOHN ISLAND .

✓ . GEORGE HEAD ISLAND .

Deer Isle Quadrangle

~~JOHNS ISLAND~~

~~GEORGES HEAD ISLAND~~

Nautical Chart No. 227

/• DOW LEDGES .

Nautical Chart No. 309

~~DOW LEDGE~~

Names preceded by . are approved  
1/28/48. L. Heck.



# LIST OF HYDROGRAPHIC SIGNAL SITES

<u>Site No.</u>	<u>Description</u>	<u>Picked on Photo. No.</u>
2080	Station is the northwest corner of stone pier.	44-C-1561
2092	Station is the north evergreen tree 30' high, on Round Island	44-C-1562
3913	Station is the base of 6' spruce tree. Deep cut in ledge to west of it.	06860
3914	Station is the southwest tip of grass on small point. It is south of gut in ledge that has two large boulders in it, one on top of the other.	06860
3915	Station is the base of 6' spruce tree at grassline at center of clearing. Most northerly spruce along grassline.	06860
3916	Station is the southwest tip of grass on point. Point is west of large house.	06860
3917	Station is the top of flat brown rock. It is south of large house. Behind long narrow rock.	06860
3918	Station is the southwest corner of cribbing at north side of bight	06860
3920	Station is the top of rock on N. side of bare patch in bank. It is between group of rocks. West from white house. Line of spruce trees in grass east of it. Has cracks in it.	06860
3921	Station is the top of large light colored boulder at grassline. Largest light colored lone boulder along shoreline	06860
3922	Station is the top of large rock. It sits on grassland on ledge. There are three small rocks at west end of it.	06860
3923	Station is the top of large offshore rock. It has a lot of cracks across top of it. Smaller rock at N. end of it.	06859
3924	Station is the southwest tip of grass on Barred Island	06859
3925	Station is the tip of rock on ledge at northeast end of Barred Island.	06859

868  
6  
473  
202

# List of Hydrographic Signal Sites (Continued)

Site No.	Description	Picked on Photo. No.
3926	Station is the top of grey boulder. It is at northeast end of brown ledge. South of small patch of sand in ledge.	06859
3927	Station is the top of highest of three large boulders. One of them has light brown stripe on each side of it.	06859
3928	Station is the base of easterly of two spruce trees at head of bight. They are 1" apart. 25' tall.	06859
3929	Station is the south tip of grass on point at east side of bight.	06859
3930	Station is the east tip of easternmost ledge on west side of entrance to Crockett Cove at HW.	06859
3931	Station is the southeast tip of vegetation on point. It is point north of northerly of 2 sand beaches, just after entering Crockett Cove on west side.	06859
3932	Station is the northeast tip of ledge at HW. Very prominent ledge. Has a lot of trees on it.	06859
3933	Station is the highest part of offshore ledge. It has grass on it. Southwest of small island.	06859
3934	Station is the top of 20' spruce tree at grassline. At south end of clearing in trees. There is a shorter tree 1' to the south of it. On gravel beach.	06859
3935	Station is the south tip of small island at H.W.	06859
3936	Station is the top of boulder on Sandy Point. Has a lot of small rocks on it. Largest boulder.	06859.
3937	Station is the top of small rock in grass behind some spruce trees on point.	06859
3938	Station is the top of prominent rock on rounding point. It has small triangular shaped depression on W. side.	06859
3939	Station is the southwest tip of brush on small island in Crockett Cove 10 meters southeast from west corner of island.	06859
3940	Station is the top of boulder on top of offshore ledge east of signal 3939.	06859
3941	Station is the top of large light colored boulder on west side of Crockett Cove. There is a brown boulder 6' north of it.	06859

# List of Hydrographic Signal Sites (Continued)

Site No.	Description	Picked on Photo. No.
3942	Station is the base of birch trees on north side of cove. They all come to point at base 25' tall.	06859
3943	Station is the top of dome shaped boulder on point on south side of cove, north of small bight.	06859
3945	Station is the base of 28' spruce tree at head of cove. Near grassline and quite bushy.	06859
3946	Station is the top center of brown colored offshore ledge near head of cove on west side.	06859
3947	Station is the base of 8' spruce tree. It is directly behind ledge. Blue spruce to south of it.	06859
3948	Station is the top of light brown boulder on sandy point on east side of cove near head.	06859
3949	Station is the top of boulder on east side of cove. At foot of steep bank. It has one crack on west side, rock sitting on end at north of it.	06859
3950	Station is the southwest corner of reddish brown colored ledge. Has a lot of cracks in it. At south end of small rock pile.	06859
3951	Station is the top of highest offshore ledge off point at east entrance to Crockett Cove.	06859
3952	Station is the west tip of ledge in crevice between two other ledges at H.W. on east side of bight between Crockett and Burnt Coves.	06859
3953	Station is the southwest tip of grass on point at west side of entrance to Burnt Cove	06859
3954	Station is the top of offshore ledge on west side of Burnt Cove. Largest one on west side.	06858
3956	Station is the west gable of boat house at south side at head of cove. Grey color	06858
3957	Station is the base of flagpole at head of cove. 80' tall.	06858
3958	Station is the southwest gable of boat house on north side of Burnt Cove. It is a small shingled affair with cribbing all around it.	06858.



# List of Hydrographic Signal Sites (Continued)

Site No.	Description	Picked on Photo. No.
3959.	Station is the southeast corner of cribbing at head of cove at north side.	06858
3960	Station is the top of small grey ledge at north side at head of cove. Tall spruce tree directly behind it.	06858
3961	Station is the west tip of grass on point. Point is between two bights at head of cove.	06858
3962	Station is the highest part of offshore ledge on north side of southern bight at head of cove.	06858
3963	Station is the top of large boulder at head of southern bight on south side offshore.	06858
3964.	Station is the north tip of grass on ledge on south side of cove near entrance. At east side of small sand beach.	06858
3964-A	Station is the northwest corner of cribbing.	06858
3965	Station is the top of ledge on point at south side of entrance to Burnt Cove.	06858
3966.	Station is the southwest tip of grass on ledge. Ledge is at north end of sand beach at head of bight.	06858
3967	Station is the northwest tip of grass on rounding point on south side of cove. Point is between pier and sand beach.	06858
3968	Station is the base of 6' spruce tree nearest end of point. It is behind high rock. East of small sand beach.	06858
3969	Station is the top of ledge on point that has 4 wide cracks in it.	06858
3970	Station is the top of ledge. It is 2 m. south of peak in ledge. Peak has small crack in top of it. On east side of small point.	06858
3971	Station is the top of high grassy ledge at northwest end of small island.	06858
3972	Station is the top of offshore rock south of small island. It is farther away from island than other offshore rock.	06858
3973	Station is the top of highest of two offshore rocks off northside of island.	06858

# List of Hydrographic Signal Sites (Continued)

Site No.	Description	Picked on Photo.No.
3974	Station is the top of large dome shaped ledge on south-west side of island	06858
3975	Station is the east tip of tree line on island.	06858
3976	Station is the southeast tip of grass on northerly of two islands.	06858
3978	Station is the base of 1' spruce tree in grassland at break in trees.	06858
3979	Station is the base of 10' spruce tree in grass. It is southeast of small group of spruces.	06858
3980	Station is the top of ledge on end of point in front of cottage. Cottage is green and white.	06858
3981	Station is the southeast corner of ledge at north side of crevice in ledge. It looks as if it is lying on top of another ledge.	06858
3982	Station is the south gable of alcove over very small porch on south side of house. House is white with green roof.	06858
3983	Station is the top of high rock. It has black moss on top of it.	06858
3984	Station is the base of 8' lone spruce tree at north end of ledge at head of bight.	06858
3985	Station is the top of flat ledge off west side of point.	06858
4098	Station is the top of lone rock on W. side of Andrew Island at top of ledge; most westerly of two rocks.	06858
4099	Station is the top of largest boulder near tip of Andrew Island.	06858
4100	Station is the top center of Western Deer Island Ledge.	06858
4101	Station is the southeast tip of vegetation at crevice on south side of Island. There are three large rocks 25 meters southeast of it.	06858
4102	Station is the top of round boulder on ledge on NE side of small island.	06858

# List of Hydrographic Signal Sites (Continued)

Site No.	Description	Picked on Photo. No.
4103	Station is the center of grass patch on large offshore ledge on E. end. ENE. from Andrew Island.	06858
4104	Station is the northwest corner of large offshore ledge southeast from small island.	06858
4105	Station is the base of 25' blue spruce tree on point. Most southwesterly tree on point.	06858
4106	Station is the base of pole in highest part of shore ledge. There is bird house at top of it. 5' tall. Another offshore ledge W. of it.	06858
4107	Station is the W. gable of red building with one chimney. Green trim. W. of Allen Cove.	06858
4108	Station is the west gable of small white building with two windows and door on W. side.	06858
4109	Station is the top of rock lying on inner ledge. It is on point between two small crevices in ledge. Not highest part of ledge.	06858
4110	Station is the south tip of grass on point. Point is prominent.	06858
4111	Station is the highest part of Yellow Rock.	06858
4112	Station is the highest part of westerly of two offshore ledges. E. of Mark Island.	06858
4114	Station is the top of ledge on north side of Farrel Island. Most northerly ledge on Farrel Island.	06858
4121	Station is the top of small boulder at west tip of Scraggy Island, in sort of hole in ledge. W. from large rock.	06858
4122	Station is the base of lone 12' spruce tree on point on NE side of Scraggy Island at grass line.	06858
4124	Station is the top of small ledge between two large ledges on E. side of Mark Island.	06858
"GREEN, 1943" - Station is SW tip of vegetation. Substitute station for W. GREEN (U.S.E.).		06858

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Division of Photogrammetry  
Review Report of  
Shoreline Survey Map T-8051

Subject numbers not used in this report have been adequately covered in other parts of the descriptive report.

28. Detailing. - The following details were added to the map manuscript:

A small reef north of Farrel Island. The reef had been located by the radial plot and is visible on photographs 1779 and 1780.

Several small reefs at latitude  $44^{\circ}09.1'00''$ , longitude  $68^{\circ}41.6'00''$  from photograph 1779.

Reef lines connecting Camp Island and Little Camp Island; and Potato Island and Niggerhead Island from photograph 1562.

A number of unnecessary labels were deleted where the symbols clearly indicate the nature of the detail. Bluff elevations were moved from the water area onto the land.

31. Low Water and Shoal Lines. - A number of low water and shoal lines were deleted and the symbol was changed on the remaining lines to conform with the specifications in Field Memorandum No. 1 (1938)

32. Details Offshore from the High Water Line. - Symbols of rocks awash, small islands and their elevations were changed in accordance with Photogrammetry Instructions No. 3 (1946)

38. Geographic Names. - Names of ledges that do not appear on the photographs were deleted from the map manuscript. 814 ✓

44. Comparison with Existing Topographic Surveys. - U.S.G.S., Deer Isle, Me; 15' Quadrangle, 1:62,500, 1941-42.

The quadrangle is in fair agreement with the map manuscript with the following exceptions:

The island in Goose Cove on the map manuscript does not appear on the Quadrangle.

The peninsula on the northwest shore of Buckmaster Neck appears as a separate island on the Quadrangle.

T-1311

1:10,000

1872

T-1297

1:10,000

1872

The planimetry common to these surveys and the map manuscript is in good agreement, with the following exceptions:



The southeastern shore of Crotch Island and the east shore of Moose Island changed considerably due to fill and construction.

The small reef on the map manuscript at latitude  $44^{\circ}07.8'$ , longitude  $68^{\circ}41'$  is not on T-1297.

45. Comparison with Nautical Charts. -

Chart No. 227	1:20,000	1944
Chart No. 309	1:40,000	1943

The nautical charts are in good agreement with the map manuscript with the following exceptions:

Piers and lobster pounds in Allen Cove are not shown on the charts.

Piers in Mill Cove and north of Crotch Island Light have been destroyed and only the foundations remain.

Small peninsulas on the northwest shores of Fort Island and Farrel Island are shown as separate islands on the charts.

The southeast corner of Crotch island has been changed considerably by dumped granite.

The eastern shore of Moose Island has been changed by fill, piers, and marine ways.

A rock awash in Webb Cove, west of Channel Rock is not on Chart No. 227.

Position of a rock awash west of Little Camp Island on the map manuscript does not agree with the position on the charts.

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