8050

1223

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Photogrammetric Shoreline

Field No. ..... Office No. T-8050

LOCALITY

State Maine

General locality Deer Isle

Locality Northwest Harbor, Southeast Harbor and Southwest Harbor

1943 & 1945

CHIEF OF PARTY

Thos. B. Reed

LIBRARY & ARCHIVES

DATE September 7, 1948

B-1870-1 (1)

8050

Form T-1

DATA RECORD

T- 8050

Quadrangle (II):

Project No. (II): CS-272

Field Office:
Air Photographic Party No. 2

Chief of Party:
Fred. L. Peacock

Compilation Office:
Baltimore Photogrammetric Office

Chief of Party:
William F. Deane

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).

Copy filed in Descriptive Report No. T- (VI)

Completed survey received in office: 23 April, 1947

Reported to Nautical Chart Section:

Reviewed: 2 Oct. 1947 **Applied to chart No.** **Date:**

Redrafting Completed: 16 Mar. 1948

Registered: ~~30 June~~ August 1948

Published: Printed 11 June, 1948 (vault copy)

Compilation Scale: 1:10,000

Published Scale: 1:10000

Scale Factor (III): 1.000

Geographic Datum (III): N.A.1927

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

Reference Station (III): DEER ISLE 2, 1934

Lat.:
44°13' 21.359" 659.2 m.

Long.:
68 ° 40' 10.748" 238.6 m Adjusted ~~Unadjusted~~

State Plane Coordinates (VI): Maine (East Zone)

X =

Y =

Military Grid Zone (VI)

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
06861 & 06862	10/19/41	1030	1:10,000	10.2' above MLW
06886	10/19/41	1112	1:10,000	8.4' " "
44-C-1565 to 44-C-1568 incl.	6/4/44	0945	1:10,000	8.9' " "
44-C-1602 to 44-C-1605 incl.	6/4/44	1030	1:10,000	8.0' " "

Tide from (III): Predicted Tide Tables, Atlantic Ocean 1944, Reference Station Portland, Maine, with corrections to Northwest Harbor and Oceanville, Deer Isle, Me.
Mean Range: 10.1' **Spring Range:** 11.5'

Camera: (Kind or source) U.S.Coast and Geodetic Survey wide angle single lens camera, Type C - Focal Length 6" and the U.S. Coast and Geodetic Survey nine-lens camera - Focal Length 8¼". All negatives are on file in the Washington Office.

Field Inspection by: Lieut. Comdr. Henry O. Fortin, Lieut. Dale E. Sturmer **date:** October 1943, Aug. & Sept. 1945

Field Edit by: **date:**

Date of Mean High-Water Line Location (III): The MHWL on western Deer Isle from Smalls Cove to the mouth of Northwest Harbor was located by the field inspection party during October 1943. The remainder of the MHWL was located by the field inspection party in August and September of 1945.

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

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

Control plotted by: Ruth E. Rudolph **date:** 6/4/46

Control checked by: Frank J. Tarcza **date:** 6/12/46

Radial Plot by: Frank J. Tarcza & Leroy Senasack **date:** June 1946

Detailed by: Florence M. Senasack **date:** 9/25/46 to 12/11/46, 12/30/46 to 1/10/47

Reviewed in compilation office by: Joseph W.Vonasek **date:** 4/8/47 to 4/14/47

Elevations on ~~Field Edit Sheet~~ Map Manuscript **checked by:** Charles Theurer **date:** Oct. 1947

STATISTICS (III)

Land Area (Sq. Statute Miles): 8

Shoreline (More than 200 meters to opposite shore): 28.5 statute miles

Shoreline (Less than 200 meters to opposite shore): 7

Number of Recoverable Topographic Stations established: 28
Number of Bench Marks 1

Number of ~~Temporary~~ Hydrographic signal sites ~~Stations~~ located by radial plot: 74

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:

MAP T- 8050 PROJECT NO. CS-272 SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
DEER ISLE 2, 1934	G-6053 Pg. 158	N.A. 1927	44 13' 21.359"			659.2 (1192.7)	
			68 40' 10.748"			238.6 (1092.8)	
Sub.Sta. DEER ISLE 2		"	44 13'			649.8 (1202.1)	
			68 40'			233.4 (1098.4)	
DEER ISLE, NORTH-WEST HARBOR, CH.SP., 1861	SP-46 Pg.89	North American	44 13' 14.970"	462.1 (1389.8)	-22.6	439.5 (1412.4)	
			68 40 37.959"	842.6 (489.2)	- 2.9	839.7 (492.1)	
DEER ISLE, NORTH-WEST HARBOR, parsonage, 1861	SP-46 Pg.89	"	44 13' 20.880"	644.5 (1207.4)	- 22.6	621.9 (1230.0)	
			68 40' 18.431"	409.1 (922.7)	- 2.9	406.2 (925.6)	
DUNHAM POINT, D. EATON'S Ho.chy., 1862	SP-46 Pg.89	"	44 13' 26.375"	814.1 (1037.8)	-22.6	791.5 (1060.4)	
			68 43' 05.784"	128.4 (1203.4)	- 2.9	125.5 (1206.3)	

1 FT. = .3048006 METER

COMPUTED BY: F.M.Senasack DATE March 8, 1946

CHECKED BY: H.R.Rudolph DATE March 1946

M. 2388-12

CONTROL: The following topographic stations are on T-8050. Forms 524 have been submitted.

874	NE CORNER CONCRETE BRIDGE	1945
875	BRICK CHIMNEY	"
876	BRICK CHIMNEY	"
877	BOLD	"
878	BLOW	"
880	BEAD	"
881	CHURCH CUPOLA	"
900	WHITE CHIMNEY	"
901	SOUTH GABLE	"
903	RED CHIMNEY	"
904	WEST GABLE	"
905	BRICK CHIMNEY	"
908	EAST GABLE	"
910	NORTH GABLE	"
920	WEST GABLE	"
934	NW GABLE	"
935	SOUTH GABLE	"
3840	SW GABLE	1943
3853	SOUTH GABLE	"
3859	NORTH GABLE	"
3862	SW GABLE (Landmark)	"
3865	SW GABLE	"
3867	RED CHIMNEY	"
3870	WEST GABLE	"
3884	WEST GABLE	"
3891	EAST GABLE	"
3900-A	CHURCH SPIRE (Landmark)	"
3904	SOUTH GABLE	"
	Tidal Bench Mark No. 2, 1911	

FIELD REPORT

SURVEY NO. T-8050

1. DESCRIPTION OF THE AREA:

Survey No. T-8050 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 a large central area of Deer Isle and a few small islands to the west of Deer Isle. T-8050 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.

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. The interior is hilly and mostly tree covered with the elevation rising from sea level to a maximum of 180 feet. There are a few cleared areas.

2. COMPLETENESS OF FIELD INSPECTION:

The field inspection is complete with the exception of the drainage and approximately 95% of the MLWL. Only three small areas of mean low water line were identified. (See heading No. 8)

3, INTERPRETATION OF THE PHOTOGRAPHS:

No comment.

4. HORIZONTAL CONTROL:

Four U.S.C. & G.S. 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	IDENTIFIED ON PHOTO.	METHOD OF IDENTIF.
	DEER ISLE 2, 1934	USC&GS	Yes	44-C-1603	Sub.Sta.
	DEER ISLE NW HARBOR CH.SP., 1861.	USC&GS	Yes	-6862	Pricked direct
*	DEER ISLE NW HARBOR PARSONAGE, 1861	"	"		
	DUNHAM POINT, D. EATONS HO.CHY., 1862	"	"	-6862	Pricked direct

* Recovered only.

5. VERTICAL CONTROL:

Of the two B.M.'s searched for, only one was recovered and identified. Recovery data for the bench marks is as follows:

STATION	RECOVERED	IDENTIF. ON PHOTO.	METHOD OF IDENTIF.
N.W. HARBOR DEER ISLE TIDAL B.M. 1, (1875)	No	None	
N.W. HARBOR DEER ISLE TIDAL B.M. 2, (1911)	Yes	44-C-1603	Pricked direct

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 Smalls Cove north to the mouth of Northwest Harbor and by a dashed red line at intervals throughout the remainder of the survey.

8. MEAN LOW WATER LINE:

No special attempt was made to locate the mean low water line. Three small areas were identified; one on the northern shore of Whitmore Neck, one on the southern shore of Greenlaw Cove, and one on Deer Isle just northeast of Heart Island.

9. WHARVES AND SHORELINE STRUCTURES:

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

10. DETAILS OFFSHORE FROM MEAN HIGH WATER LINE:

No obstructions not already charted were noted offshore.

11. LANDMARKS AND AIDS TO NAVIGATION:

1.272 (1947)

One charted landmark, CH.SP. was recovered and a new landmark on Dunham Point was recommended. No fixed aids to navigation were recommended.

12. HYDROGRAPHIC CONTROL:

74 hydrographic signal sites were identified. Descriptions have been furnished.

14. ROAD CLASSIFICATION:

In accordance with the Army War College circular dated January 12, 1942, "Classification of Roads", and "General Instructions for Classification and Compilation of Roads", dated June 30, 1945.

18. GEOGRAPHIC NAMES: 814

No investigation.

(This field report was composed and written in the compilation office using notes furnished by the field parties of 1943 and 1945.)

Florence M. Senasack
Photogrammetric Aid

COMPILATION REPORT

SURVEY NO. T-8050

26. CONTROL:

Refer to the radial plot report for a layout of control in this area. Additional information on the control is contained in the field report and on Form No. M-2388-12 included in this report.

27. RADIAL PLOT:

The radial plot is part of a combined plot made with celluloid templates, covering Surveys Nos. T-8049, T-8050, and T-8051. The report was forwarded to Washington on October 22, 1946. filed in ~~the Division of Photogrammetry~~ Descriptive Report T-8049.

28. DELINEATION:

The fact that three years elapsed between the time the nine-lens and single-lens photographs were taken, and also that each flight was taken at a difference season of the year, caused considerable difficulty in the compilation of this map.

Whenever possible, the single lens or latest photographs were used in the interpretation of vegetation. Foliage and growth made a figurative change in the analogy of the two sets of photographs.

30. MEAN HIGH WATER LINE:

The nine-lens photographs available to the 1943 field party were inadequate for the accurate identification of the mean high water line because much of the shoreline was concealed by layover.

The 1943 field inspection of the mean high water line along the southern shore of Northwest Harbor was disregarded because its position was inaccurate due to layover. Interpretation by analogy of mean high water as identified on the single lens photographs in the area was substituted.

The inspection of the mean high water line north of Northwest Harbor, accomplished in 1945 did not agree with the previous inspection done in 1943. The compiler used the later inspection.

See data record for dates of the mean high water line location.

31. MEAN LOW WATER LINE:

See field report.

31A. SHOAL AND REEF LINES:

No comment.

32. DETAILS OFFSHORE FROM THE MEAN HIGH WATER LINE:

The 1943 field party indicated the approximate positions of two offshore reef areas that uncovered at mean low water and the 1945 field inspection party indicated the approximate positions of two rocks awash. These were detailed in accordance with field inspection and should be investigated by the hydrographic party.

33. WHARVES AND SHORELINE STRUCTURES:

No comment.

34. LANDMARKS AND AIDS TO NAVIGATION:

L-272 (1947)

One new landmark and one previously charted landmark were located by radial plot. See Form No. 567 submitted with this report.

See list of Topo. Stations placed before Field Report.

35. HYDROGRAPHIC CONTROL:

74 hydrographic signal sites were established.

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.

38. GEOGRAPHIC NAMES: BPW

No geographic names investigation was made.

The geographic names appearing on the map have been taken from Nautical Chart No. 307 and the U.S. Geological Survey, Deer Isle, Maine, Quadrangle map.

The name "Sylvester Cove" on the quadrangle refers to a feature that is called "Mill Pond" on the chart and on the manuscript. This is believed to be an error on the quadrangle.

39. JUNCTIONS:

Satisfactory junctions have been made with Surveys Nos. T-8049 to the north, T-8051 to the south, T-8556 to the east, and T-8033 to the west.

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:

T-8050 has been compared in detail with chart No. 309, scale 1:40,000, published July 1943, corrected to October 5, 1946.

The following topographic information shown on T-8050 is of sufficient importance to warrant immediate application to the chart:

A new landmark on Dunham Point.

An islet in Southeast Harbor just northeast of Warren Point. Now charted as a dot on 1203 J.M.A. 5-16-47

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

None.

Low water features are shown in part and will be completed by the hydrographic party.

This survey shows minor changes in cultural and shoreline details, none of which need discussion here. One exception is the change in the location of the sand spits in Smalls Cove.

Respectfully submitted:
7 April 1947

Florence M. Senasack
Photogrammetric Aid
Compilation and Descriptive Report

Joseph Wonacek
Photogrammetric Engineer
Review-Photogrammetric Office

H.R. Rudolph
Supervisor

Approved and Forwarded
23 April 1947

Officer in Charge
Baltimore Photogrammetric Office

NOTES
FOR
HYDROGRAPHIC PARTIES

COAST OF MAINE

MAP MANUSCRIPT, SURVEY NO. T-8050

PROJECT NO. CS-272

The 2½ millimeter circles, accompanied with a name, year, and number are the positions of the recoverable photo (topographic) stations. All other such circles accompanied with a number only are the positions of hydrographic signal sites. Two copies of the list of descriptions of these sites have been furnished for your use.

A dot and dash line symbolizes the accurately determined position of the mean low-water line. The dotted line symbolizes the approximate position of the mean low-water line with the exception of Smalls Cove where the compiler used it to signify a channel in the sand or mud.

The dashed line represents shoal and reef areas shown in accordance with the field inspection data. These lines are very approximate and are for your advance information only.

T-8050 has been compared in detail with Chart No. 307, scale 1:40,000, published July 1943, corrected to April 27, 1946.

The following topographic information shown on T-8050 is of sufficient importance to warrant immediate application to the chart:

1. A new landmark on Dunham Point.

2. An islet in Southeast Harbor just northeast of Warren Point.

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

None.

Low-water features are shown in part and will be completed by the hydrographic party.

This survey shows minor changes in cultural and shoreline details, none of which need discussion here. One exception is the change in the location of the sand spits in Smalls Cove.

Florence M. Senesack
Photogrammetric Aid
Compiler

Approved and forwarded:

Officer in Charge
Baltimore Photogrammetric Office

GEOGRAPHIC NAMES
(Taken from Nautical Chart No. 307)

(Undisputed)

- Cat Cove
- Crow Island
- Deer Isle (island)
- Deer Isle (village)
- Dunham Point
- Dunham Point Ledge
- Fish Creek
- Greenlaw Cove
- Gull Ledge
- Hawley Deep Hole
- Heart Island
- Inner Harbor
- Longs Cove
- Northwest Harbor
- Oceanville
- Pickering Cove
- Pressey Cove
- Salmon Point
- Sheephead Island
- Sheephead Island Ledges
- Smalls Cove
- South Deer Isle (village)
- Southeast Harbor
- Southwest Harbor
- Sunset
- Sylvester Cove (as on manuscript and ch. 309)
- The Haulover
- Warren Point
- Whitmore Neck
- Bradbury I. (very little of it)
- Toothacher Ledge
- EAST PENOBSCOT BAY

GEOGRAPHIC NAMES

(Disputed)

Chart No. 307

Quadrangle
Deer Isle, Maine
~~Sylvester Cove~~

✓ • Mill Pond (as on manuscript and chart 309)

• State 172

✓ • State Alt. 172 (Sly from village of Deer Isle)

Names preceded by • are approved. 1/26/48 L. Heck

COAST OF MAINE
PROJECT NO. CS-272
DESCRIPTIONS OF HYDROGRAPHIC SIGNAL SITES FOR SURVEY NO. T-8050

Station No.	Field Photo. No.	Description
3780	06886	Top of highest part of offshore ledge between Crow and Bradbury Islands.
3781	"	Base of long spruce tree on north side of Crow Island. It is west of group of trees, fairly bushy and 12' tall.
3782	"	Top of offshore ledge. It is farthest from shore than any other ledge in vicinity.
3783	"	Top of largest boulder on long reef.
3832	06863	Base of 2' spruce tree on ledge on southwest side of Heart Island. Only spruce tree on ledge.
3833	"	Base of 12' spruce tree. It is on east side of Heart Island at grassline. At bare place in trees at south end of large spruces.
3835	"	Base of 5' spruce tree at foot of bank. Field at east of it. Lone spruce.
3836	"	Top of offshore rock with jagged top. Highest offshore rock along shore.
3837	"	Top of largest rock on point. Cottage in trees east of point. Steps come down to point 15' south of rock.
3838	06862	Top of very light colored rock on point. Rock has peaked top and is the farthest offshore. Grass on point.
3839	"	West tip of ledge at HWL. It is west of gap in ledge. There is a 15' deciduous tree at base of point.
3841	"	Base of two 35' lone spruce trees at grass line. At rocky shoreline trees are about 1' apart and the same height.
3842	"	Base of 20' lone birch tree in grassland 4 meters from grassline at north end of large field used as pasture.
3843	"	Top of largest brown boulder in vicinity. Small rocks on shore behind it.
3844	"	Top of light-colored rock 2' offshore from point. Only light-colored rock on point. At end of cove.
3845	"	Top of largest peaked rock on point, 28 m. offshore.
3846	"	Top of largest gray rock on northwest end of Gull Ledge.
3847	"	Top of largest boulder in group of boulders. There is a light-colored boulder near grassline east of it. Near birch tree.
3848	"	Largest offshore boulder at east side of Island. 25 meters offshore.
3849	"	Top of light colored boulder on west side of Island. Largest lone boulder on west side of island.

Station No.	Field Photo. No.	Description
3850	06862	Highest part of largest offshore ledge in cove.
3851	"	Top of boulder on reef. Southeast from island. Light colored boulder.
3852	"	Top of round shaped boulder on south side of point. There is another rock 10 m. northwest from it.
3854	"	Top of boulder 3 m. from grassland on rocky beach. Has light color 1' from top - rest is darker. Group of trees in grassland south of it.
3855	"	Base of 20' spruce tree on point at edge of bare bank. Beach tree beside it. At west side of bare bank.
3856	"	Base of 4' spruce tree on grass point. Sand bar connects it with land. Only spruce on point.
3857	"	Top of light colored boulder at southwest end of cove at south east end of sandbar.
3858	"	Top of large black offshore rock 70' north of white ledge. Ledge is at north end of sand beach.
3860	"	Top of 8' bushy spruce tree on grassy point halfway between edge of bank and trees.
3861	"	Top center of east section of Dunham Point Ledge.
3863	"	Base of two 3' spruce trees on southeast side of grassy ledge. Trees are 1' apart.
3864	"	Southwest tip of long narrow ledge at HWL west of clay bank. Other ledge east of it. Crevice separates them.
3866	"	Top of rock on west end of point. West of highest rock on point.
3868	"	Top of highest rock on north end of westward reef. Has black tip on top. Rest has barnacles on it.
3869	"	Southwest corner of wooden pier on north side of Sylvester Cove.
3871	"	Northwest corner of pier on south side of Sylvester Cove. Sets on granite piling.
3872	"	Base of 20' blue spruce tree at north side of cove near head. It is 2 or 3 meters south of rest of trees. Between two patches of junipers.
3873	"	Southwest tip of grass on small island.
3874	"	Base of 10' spruce tree on east side of island. There is a gravel beach east of it. It is 3' from grass line.
3875	"	Base of 8' spruce tree at grassline at southwest end of field between apple tree and groupd of spruces.
3876	"	Top of offshore rock between island and mainland.
3877	"	Northwest tip of grass on longest offshore ledge in Mill Pond.
3878	"	Base of 8' lone spruce at east end of field. It is 10 m. west of high fir tree.

Station No.	Field Photo.No.	Description
3879	06861	Base of 20' spruce tree on point near head of bight on south side. It leans westward.
3880	06861	Top of rock that has grass on it. North of rocky point at head of cove.
3881	06861	Base of 15' spruce at south side of bight. It has crook in it.
3882	"	North tip of grass on grassy point southeast of offshore ledge.
3883	"	West tip of grass on point. It is at west side of wooded area.
3885	"	Bases of 2 spruce trees at grassline, 1' apart, 25' tall.
3886	"	Top of offshore ledge off rocky point 6 m. at north end of gravel beach. It is quite small.
3887	"	Top of large rock on point at south end of small gravel beach.
3888	"	Base of 25' lone spruce tree on grass point. Southernmost tree on point.
3889	"	Northeast corner of wooden pier with hand rails on it.
3890	"	Top of highest ledge of group of ledges.
3892	"	Center of group of small spruce trees on point. On south side of point. Trees are 4' to 5' tall.
3893	"	Highest part of ledge. It has high tip on south end of it.
3894	"	Base of 2' spruce tree. It is near grassline, at clearing of trees that leads to small cottage 50' from tree.
3895	"	Top of the westernmost rock on Sheephead Island Ledges.
3896	"	Southeast tip of grass on very prominent rocky point.
3897	"	Top of light colored boulder. It is the longest lone boulder along this shore.
3898	"	Top of northerly of 2 offshore ledges which are east of small island.
3899	"	Base of most westerly 8' lone spruce on north side of Southwest Harbor.
3900	"	Southwest corner of pier. It is quite long.
3901	"	West gable of small unpainted cottage with chimney at extreme south end.
3902	"	Top of light colored ledge - has jagged top.
3903	"	Base of 25' spruce tree in grass on ledge that comes to point. West of white cottage.
3905	06860	Base of 8' lone spruce standing in group of dead trees.
3906	"	Top of light colored boulder on point at north entrance to Smalls Cove.

Station No.	Field Photo. No.	Description
3907	06860	Top of north end of sand bar in Smalls Cove.
3908	"	Base of 30' spruce tree on north side of Smalls cove. It is the tallest of group of trees.
3909	"	Base of 12' spruce tree standing in edge of alders at north end of cove on northwest side of arm.
3910	"	Base of 35' spruce tree at east end of bight at southeast side of cove. It is 30' from the water.
3911	"	Base of westerly of 2 spruce trees in small clearing. Tree is 8' tall.
3912	"	Base of 3' spruce tree in small field. There is another 3' spruce 5' south of it. Six meters from grass line.

Listed by: Florence B. Senasack
Photogrammetric Aid

Checked by: Joseph W Vonasek
Photogrammetric Engineer

Division of Photogrammetry
Review Report of
Shoreline Map Manuscript T-8050

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

28. Detailing. - A small reef was added from Photograph 06861 southeast of Gull Ledge; latitude 44°14.1'00", longitude 68°42.6'00".

Notes indicating the height and extent of bluffs were moved from the water area onto the land.

31. Low Water and Shoal Lines. - The symbol for the low water line was changed and the dotted line showing the approximate limits of the channel in Smalls Cove was deleted to conform with the specifications in Field Memorandum No. 1 (1938)

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

39. Junctions. - The note "See T-8033 for Bradbury Island" was added in the northwest corner of the map manuscript since such a very small section of the eastern shoreline of that island is east of longitude 68°45'00".

The road north of Fish Creek at latitude 44°14.2'00", longitude 68°37.5'00" has been corrected and now makes a better junction with the same road on T-8556.

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 small island in the Sheephead Island ledges, and the small islands in the northeast part and the middle of Southeast Harbor are not on the quadrangle.

The causeway that is shown on the quadrangle from Deer Isle to Sheephead Island is not in evidence on the photographs and is not shown on the manuscript.

T-1379a	1:10,000	1873-74
T-1297	1:10,000	1872

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

A small island in the eastern part of Longs Cove is not shown on T-1379a.

The sandspits in Smalls Cove are shown in a different position on the manuscript than they appear on T-1297.

45. Comparison with Nautical Charts. -

Chart No. 309	1:40,000	1943

The nautical chart is in good agreement with the map manuscript with the following exceptions:

The piers in Sylvester Cove are not shown on the Chart.

The small island in Mill Pond is not shown on the chart.

This map manuscript has not been applied to nautical charts.

Reviewed by:

Charles Theurer
C. Theurer 10-2-47
Photogrammetrist

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