

8649

Diag'd. on Diag. Ch. No. 1201

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. CS-272-F Office No. T-8649

LOCALITY

State Maine

General locality DISCO ISLAND
Western Bay

Locality Nash Island to Outer Ram Island

1948

CHIEF OF PARTY

R. A. Gilmore

LIBRARY & ARCHIVES

DATE

May 24-1949

B-1870-1 (1)

8649

DATA RECORD

T- 8649

Quadrangle (II):
DRISKO ISLAND, MAINE

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

Field Office:
Millbridge, Maine

Chief of Party: Ross A. Gilmore and
Dale A. Sturmer

Compilation Office:
Baltimore, Md.

Chief of Party: Thos. B. Reed

Instructions dated (II III):
June 19, 1945

Division of Photogrammetry
Office Files
Copy filed in Descriptive
Report No. T- (VI)

Completed survey received in office: 12-9-48

Reported to Nautical Chart Section:

Reviewed: 4-5-49 Applied to chart No. Date:

Redrafting Completed:

Registered: 5-3-49

Published:

Compilation Scale: 1:10,000
(Multiplex 1:8500)

Published Scale: 1:24,000

Scale Factor (III): None

Geographic Datum (III):
N.A. 1927

Datum Plane (III): M.S.L.
Mean Sea Level

Reference Station (III): CAPE SPLIT 2, 1881

Lat.: 44° 29' 52.222"

Long.: 67° 44' 34.080"

Adjusted
~~Unadjusted~~

State Plane Coordinates (VI):

X =

Y =

Military Grid Zone (VI)

1944

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
44-C-1109-1113	5-9-44	1030 EST	1:20,000	7.2' above MLW
-1169-1172	5-19-44	1130 "	"	4.0' " "
- 1355	5-28-44	1115 "	"	2.9 " "
-1534-1536	5-30-44	1045 "	"	1.1 " "
-1538-1540	"	"	"	" " "
-1541-1545	"	1100 "	"	" " "
-1749	6-5-44	"	"	9.1 " "

Tide from (III): Nash Island Light

Mean Range: 11.0 ft.

Spring Range: 12.5 ft.

Camera: (Kind or source)

U.S.C. & G.S. Type "C", 6-inch Metrogon Lens

Field Inspection by:

Lewis V. Evans III

Irving I. Saperstein, & Robert R. Kim

date:

Season 1945

May, June and July 1946

Field Edit by: G. Varnadoe

date: Aug 1948

Date of Mean High-Water Line Location (III): May to July 1946

Projection and Grids ruled by (III) S. Rose

date: Jan. 1946

" " " checked by: "

date: "

Control plotted by: 1:8500 A.C. Rauck, B. Wilson

date: Jan. 1947

1:10,000 - B. Wilson

April 1947

Control checked by: 1:8500 - S.W. Trow, A.K. Heywood

date: Jan. & Mar. 1947

1:10,000 - H.P. Eichert

June 1947

Partial Radial Plot by: B. Wilson

date: May 1948

Detailed by: A.K. Heywood (Multiplex). Detail on manuscript by B. Wilson. Shoreline on work sheet by H.P. Eichert.

date:

May 1948

Reviewed in compilation office by:

date:

A.C. Rauck, Jr.

June 1948

Elevations on Field Edit Sheet

checked by: manuscript A.C. Rauck, Jr.

date: June 1948

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STATISTICS (III)

Land Area (Sq. Statute Miles): 2

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

Shoreline (Less than 200 meters to opposite shore): none

Number of Recoverable Topographic Stations established: 3

Number of Temporary Hydrographic Stations located by radial plot: 49

multiplex models

Leveling (~~to control contours~~) - miles: Refer to Field Inspection Report for this quadrangle.

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-8649

PROJECT NO. CS-272-F

SCALE OF MAP 1:10,000

SCALE FACTOR

1.0

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR μ -COORDINATE LONGITUDE OR x -COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
			FORWARD	(BACK)	FORWARD	(BACK)	FORWARD	(BACK)	FORWARD	(BACK)
CAPE SPLIT 2, ✓ 1881	U.S.C. & G.S. G.P. List	N.A. 1927	44	29	55.222		1704.5	147.5		
S.S. CAPE SPLIT 2, 1881	"	"	67	44	34.080		752.9	572.6		
FLAT, 1862 ✓	"	"	44	29			1696.4	155.6		
	"	"	67	44			759.3	566.2		
S.S. FLAT, 1862	"	"	44	27	37.048		1143.6	708.4		
	"	"	67	42	31.133		688.3	638.2		
	"	"	44	27			1137.5	714.5		
	"	"	67	42			697.3	629.2		
KEATON, 1946 ✓	"	"	44	26	04.799		148.1	1703.9		
	"	"	67	37	52.781		1167.4	159.6		
S.S. KEATON, 1946	"	"	44	26			139.9	1712.1		
	"	"	67	37			1172.5	154.5		
LADDE, 1945 ✓	"	"	44	29	03.444		106.3	1745.7		
	"	"	67	44	22.180		490.1	835.8		
S.S. LADLE, 1945	"	"	44	29			100.7	1751.3		
	"	"	67	44			483.4	842.5		
NASH ISLAND 1934 L.H. (New) 1902	"	"	44	27	51.053		1575.9	276.1		
	"	"	67	44	52.349		1157.2	169.1		
OUTER, 1946 ✓	"	"	44	27	45.785		1413.2	438.8		
	"	"	67	40	25.671		567.5	758.9		
PLUMMER, 1862 ✓	"	"	44	29	09.465		292.2	1559.8		
	"	"	67	41	52.995		1171.0	154.9		
33/ PINKHAM, 1945 ✓	"	"	44	26	15.082		465.5	1386.5		
	"	"	67	42	47.601		1052.7	274.3		

1 FT. = 3048008 METERS

COMPUTED BY: S.W.T., H.P.E.

DATE: WINTER 1946-1947

CHECKED BY: E.L.B., H.P.E.

DATE

Winter 1946-1947

M-2388-12

SCALE FACTOR.....1.0

1 FT. - 3048006 METER
COMPUTED BY S.W.T., H.P.E.
DATE Winter 1946-1947
CHECKED BY E.L.B., H.P.E.
M-2368-12
Winter-1946-1947

1 FT. - 3048006 METER
COMPUTED BY S.W.T., H.P.E.
DATE Winter 1946-1947
CHECKED BY E.L.B., H.P.E.
M-2368-12
Winter-1946-1947

FIELD INSPECTION REPORT

TO ACCOMPANY

QUADRANGLE NO. 8649

PROJECT CS-272-F

JULY 1946

1 - DESCRIPTION OF THE AREA:

This 7½ minute quadrangle lies along the coast of Maine, in Washington County. It is bounded on the north and south by N. Lat. 44°-30'-00" and 44°-22'-30" respectively and on the east and west by W. Long. 67°-37'-30" and 67°-45'-00" respectively.

Photogrammetric field inspection was partly done in the 1945 season and completed in May, June and July 1946, in accordance with instructions dated 9 May 1946.

The land area consists of a group of small islands, and the southern tips of Cape Split and Moose Neck.

The shoreline on these islands is, in general, rocky with many ledges.

2 - COMPLETENESS OF FIELD INSPECTION:

The south tips of Cape Split and Moose Neck were field inspected in 1945. The remaining area is now complete, on 1:8500 ratio prints.

3 - INTERPRETATION OF THE PHOTOGRAPHS:

This subject is covered in detail in the report for quadrangle 8642 and reference is hereby made to that report.

Filed in Div. of Photogrammetry - General Files

4 - HORIZONTAL CONTROL:

All horizontal control recovery for this quadrangle was completed in the 1945 field season. Three additional triangulation stations were established during the current (1946) season. These three are: STEVENS, 1946 (Stevens Island), OUTER, 1946 (Outer Sand Island) and KEATON, 1946 (Egg Rock), each of which was located by the 3-point fix method, angles being observed with a 7-inch repeating theodolite. The position of each of these stations was determined with better than third-order accuracy.

STEVENS, 1946, was identified on 1:8500 scale ratio photograph No. 44 C 1538; OUTER, 1946, on 1:8500 scale ratio photograph No. 44 C 1540; KEATON, 1946, on 1:8500 scale ratio photograph No. 1031. The substitute station method was used in each case.

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5 - VERTICAL CONTROL:

No benches are known to exist in the area covered by this quadrangle. No new vertical control was requested or established.

6 - CONTOURS AND DRAINAGE:

Inapplicable.

7 - MEAN HIGH-WATER LINE:

A boat was used to delineate the Mean High-Water Line, running as close as possible to the shore.

The mean high-water line was delineated on the photographs within 0.5mm of true position.

The following 1:8500 scale ratio photographs were used for shoreline inspection: 44 C 1034, 1110, 1171, 1539, and 1542.

8 - LOW-WATER LINE:

The low-water line was delineated on the photographs that were taken at or near the time of low water.

On the photographs not taken at low water, the approximate low-water line was delineated on the photographs only when the time of inspection was at or near low water.

9 - WHARVES AND SHORELINE STRUCTURES:

There are no piers or wharves within the limits of the quadrangle.

10 - DETAILS OFFSHORE FROM HIGH-WATER LINE:

Wherever rocks or ledges were awash at or below mean high water a note was made on the photographs as to how much the rock or ledge bared, the time and date.

11 - LANDMARKS AND AIDS TO NAVIGATION:

There are no landmarks worthy of charting within the area.

✓ T 8645
Nash Island Lighthouse and Poms Ledge Beacon are in the quadrangle; both have previously been located by triangulation and were recovered in the 1945 field season.

12 - HYDROGRAPHIC CONTROL:

Hydrographic signals were picked on the photographs for future use of the hydrographer. These consist mainly of lone trees and other prominent natural features.

Descriptions of hydrographic signals have been recorded in field sketch-books Vols. 1 and 2. An attempt was made to identify sufficient signals except in areas where it was impossible to pick them with certainty.

The hydrographic signals identified on the southern tip of Moose Neck and Cape Split were inadvertently given Quadrangle 8645 designation as 8645 and 8649 were worked at the same time. No attempt was made to revise the numbering later as no difficulty is foreseen in the compilation.

Four recoverable topographic stations were established. One was a chimney on the southern tip of Moose Neck, which was picked direct, the other three were standard discs set respectively in the southern part of Drisco Island, the western part of Seaduck Rock, and the southern end of Outer Ram Island. The substitute station method was used for the Drisco Island station and a Control Station Identification card submitted.

Form 524 cards, "Description of Recoverable Topographic Stations" were executed for all stations.

13 - LANDING FIELDS AND AERONAUTICAL AIDS:

None.

14 - ROAD CLASSIFICATION:

The only road within the area is on the southern tip of Moose Neck. It was classified during the 1945 season.

15 - BRIDGES:

None.

16 - BUILDINGS AND STRUCTURES:

Buildings on the southern tip of Moose Neck ~~Island~~ were identified during the 1945 season. The only other buildings in the quadrangle are located on Nash Island. These consist mainly of the lighthouse, the light-keeper's house, a barn and a few sheds.

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17 - BOUNDARY MONUMENTS AND LINES:

This will be the subject of a special report to be submitted by
Harold A. Duffy, Prin. Photo. Aid.

18 - GEOGRAPHIC NAMES: 314


Same as 17.

Note: Work on items 4 and 11 was done by Lieut. (jg) Lewis V. Evans III;

All other items by Irving I. Saperstein, Engr. Draftsman.

Respectfully Submitted;


Lewis V. Evans III, Jr. H. & G. ENGR.


Irving I. Saperstein, Engr. Drafts.

Approved and forwarded:


Ross A. Gilmore, Chief of Party

COMPILATION REPORT

TOPOGRAPHIC MANUSCRIPT

SURVEY NO. T-8649

26. CONTROL

Horizontal Control

Horizontal control within this survey was adequate. Refer to item 4 of Field Inspection Report for this quadrangle.

Vertical Control

Refer to item 5 of Field Inspection Report.

27. RADIAL PLOT

Due to the numerous small islands and the expanse of water most of this area was unsuitable for multiplex compilation. It was therefore necessary that a partial radial plot be made.

No templets were made for this plot. The best controlled 1:10,000 ratio office prints were used first to establish well defined pass points to control "weaker" photos.

All horizontal control stations within this survey were held. Two stations, POMPS LEDGE BEACON, 1913, and NORTON ISLAND BEACON, 1913, are to the north and west of this survey. The identification of these stations is doubtful. They are described in the 1947 Light List as "cask and/or cage on iron spindle", and are difficult to identify. However, their field identification was stereoscopically transferred to the photos used in this plot. They were held to within a negligible error.

Shoreline detail points, and photo-hydro stations were then established by radial resection.

28. DETAILING

This was done in accordance with Photogrammetry Instructions No. 17.

29. SUPPLEMENTAL DATA

None.

30. MEAN HIGH WATER LINE

For location of mean high water line at Cape Split, Moose Neck, and the islands at the east limit of this survey, refer to "Shoreline and Hydrographic Station Location" Compilation Report for this project.

Filed in Div. of Photogrammetry - General Files

All other mean high water lines were compiled by transferring

30. MEAN HIGH WATER LINE (Continued)

the field inspection data from the 1:8500 scale field photos to the 1:10,000 scale office photos. This data was stereoscopically reviewed and several small revisions were made at the north and central shoreline of Stevens Island and at Black Rock.

31. LOW WATER AND SHOAL LINES

All low water lines are approximate and no shoal lines were delineated.
See Review Report For T-8647

32. DETAILS OFFSHORE FROM THE HIGH WATER LINE

See "Notes to Hydrographer" following this report.

33. WHARVES AND SHORELINE STRUCTURES

Refer to item 9, Field Inspection Report for this survey.

The terminals of a submarine cable crossing are shown at Nash Island and Moose Neck.

35. HYDROGRAPHIC CONTROL

Photo-hydro points 45123, 4914, 4936, and topographic point "BARE, 1946" could not be plotted accurately and are omitted from the manuscript.
See Review Report

Refer to item 12, Field Inspection Report for this quadrangle, and "Shoreline and Hydrographic Station Location" of the Compilation Report for this project.

See "Notes to Hydrographer" for list of photo-hydro points on this manuscript.

36. LANDING FIELDS AND AERONAUTICAL AIDS

None.

37. JUNCTIONS

Junction at the north with T-8645 is complete with the exception of the ADDISON-BEALS boundary line. *Checked during Review.*

East junction with T-8650, complete

Atlantic Ocean to the south *where is the Gulf of Maine?*

Water of Western Bay to the west *Depth curve junctions checked during review.*

38. GEOGRAPHIC NAMES *Q14* Approved list filed in the Geographic Names Section

A geographic name survey made by Harold A. Duffy, resulted in final name sheets submitted by L. Heck, January 19, 1948. All names on the manuscript, with the exception of Addison and Beals, are from the final name sheets. The township names Addison and Beals are from the field inspection data.

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38. GEOGRAPHIC NAMES (Continued)

A complete list of geographic names accompanies this report.

39. BOUNDARIES

Refer to Special Report, Boundaries, Project CS-272 F, by Harold A. Duffy. Filed in Div. of Photogrammetry- General Files

40. REMARKS

No discrepancy overlay was made for the manuscript.

All islands south of The Ladle, and west of the Ram Island group should be checked as to elevation and contoured by the field edit party.
 See Field Edit Report. ||

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

Comparison was made with the U. S. Geological Survey, Great Wass Island quadrangle, edition of 1921, reprinted in 1944.

Shapes of islands were in agreement but, Little Drisko Island, although it was named, was omitted from the Great Wass Island quadrangle.

45. COMPARISON WITH NAUTICAL CHARTS

The following differences were noted when comparing ^{this map} with U. S. Coast and Geodetic Survey Chart No. 304, which are correct on this map ^{6/3/49} and should be corrected on ^{Tibbett} Cht. No. 304. - 2m

The small island off the northeast end of ~~Sheep~~ ^(Tibbett) Island is much larger on the chart.

At the north end of Stevens Island is a small island. This is shown as a series of rocks awash on the chart.

Stanley Ledge is larger on the manuscript than on the chart.

Chart 304 shows a rock awash off the north shore of Big Nash Island. This rock could not be seen on the photos.

The configuration of shoreline of the many islands on the manuscript is in good agreement with that of the chart.

~~Upon completion of hydrography in this survey, the hydrographic and shoreline features of this manuscript, should supersede all previously charted data.~~ ³³⁹

Respectfully submitted

Albert C. Rauck, Jr.
Albert C. Rauck, Jr.
Engineering Draftsman
Descriptive Report and Review

Stanley W. Trow
Stanley W. Trow
Cartographer
Supervisor

Bernice Wilson
Bernice Wilson
Engineering Aid (Cartographic)

Approved and forwarded
June 1948

Thos. B. Reed
Thos. B. Reed
Officer in Charge
Baltimore Photogrammetric Office

NOTES TO HYDROGRAPHER

FOR

SURVEY NO. T-8649

Contrary to item 10, Field Inspection Report for this survey, there are many offshore rocks for which inadequate or no data was given. These are designated as rocks awash and are noted on the manuscript for your investigation and clarification.

Photo-hydro points within this survey, complete with signal number, description, photo number, and approximate height above MHW, are as follows:

Signal No.	Description	Photo. No.	Height above MHW
✓4586	Bushy, 10' spruce on point of ledge, most easterly spruce in a group. About 40 m. from MHW.	1169	4'
✓4592	20' spruce with not much foliage at top. NW of small gravel beach.	1169	4'
✓4594	Lone, 10' spruce, most northeasterly tree on island. About 6 m NE of another 10 ft. bushy spruce.	1109	4'
✓45119	Bushy, 15' spruce on top of cliff, most southerly in a group.	1169	1'
✓45120	Leaning 25' spruce, most prominent in vicinity, about 2 m N of MHW.	1169	2'
✓45121	Prominent, 20' spruce, about 6 m N of MHW	1169	10'
✓45122	Lone, flat-top, 15' spruce, about 6 m N of MHW. A dead 20 ft. spruce is about 5 m to N.	1169	3'
45123	Reject		
✓45124	Bushy, 10' spruce, about 7 m from MHW. A dead spruce is about 8 m to E.	1169	2'
✓45125	Stone, 2' chimney on white trimmed house with wood shingles on roof, veranda on S side and green lattice.	1169	8'
✓45126	Lone, flat top, 10' spruce, about 3 m S of MHW.	1109	3'

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Signal No.	Description	Photo. No.	Height above MHW
✓45127	Flat-top, 6' spruce on S side of island. Another is about 100 m to NE.	1109	10'
✓45128	Pointed 20' spruce, about 8 m N of MHW. A 35' double spruce is about 4 m to E.	1109	4'
✓45137	Pointed 15' spruce, about 1 m N of MHW. Most prominent in vicinity.	1169	1'
✓4902	N gable of white boat house with wood shingles on roof and a door in the NE gable.	1171	5'
✓4903	Lone 15' bushy, flat-top spruce. Another double spruce is about 20 m W.	1539	8'
✓4904	Double, flat-top, 10' spruce. A dead spruce is about 4 m S.	1539	10'
✓4905	Bushy, 5' spruce. A dead 10' spruce is about 4 m N.	1539	15'
✓4906	Bushy, 10' spruce, most easterly in a group.	1539	6'
✓4907	Lone, 20' spruce. A pointed 15' spruce is about 5 m S.	1539	6'
✓4908	15' spruce, most prominent in vicinity.	1539	3'
✓4909	Pointed, bushy 15' spruce. A dead spruce is about 10 m. W.	1539	4'
✓4910	Pointed, 30' spruce, most prominent in group.	1539	6'
✓4911	Bushy, pointed 8' spruce. A 30' spruce is about 8 m S.	1539	3'
✓4912	Leaning, 15' spruce, on the edge of a 3' bank.	1539	5'
✓4913	Leaning, flat-top, 8' spruce. A group of 20' spruces is about 2 m E.	1539	4'
✓4914	Reject		
✓4915	Pointed 10' spruce. A leaning 5' spruce is about 8 m S.	1539	4'

Signal No.	Description	Photo. No.	Height above MHW
✓4917	Pointed, 25' spruce, about 6 m E of MHW. Most prominent.	1539	5'
✓4918	Pointed, 15' spruce on S tip of island. Another spruce is about 2 m SW	1539	3'
✓4919	Bushy, 15' spruce, on NE side of steep rock cliff. Only spruce in vicinity.	1539	15'
✓4920	Lone, bushy, 15' spruce, about 20 m N of MHW. Most prominent.	1539	5'
✓4921	Prominent, 25' spruce	1539	10'
✓4922	10' spruce, about 6 m W of MHW. and on side of ledge.	1539	6'
✓4923	Bushy, 8' spruce, N. side of small cove, about 6 m. N of MHW, most prominent in vicinity.	1539	6'
✓4924	Bushy, 10' spruce, most northerly spruce on island.	1539	4'
✓4925	Double, 15' spruce, about 6 m E of MHW. Another double spruce is about 12 m N.	1539	2'
✓4926	Pointed 20' spruce, about 4 m S of MHW. A dead 15' spruce is about 16 m S.	1539	3'
✓4927	Double, 20' spruce SW side of small cove, most prominent on point.	1539	6'
✓4928	Leaning, 20' spruce, about 8 m N of MHW. A flat grey rock is about 2 m E.	1110	4'
✓4929	Bushy, 15' spruce, about 8 m N of MHW, most prominent in a group.	1110	
✓4930	20' spruce, about 4 m E of MHW.	1110	10'
✓4931	Pointed, 20' spruce, most northerly in a group, about 2 m S of MHW.	1110	2'
✓4932	Leaning 20' spruce, about 10 m W. of MHW. A 30' spruce is about 2 m W.	1110	8'

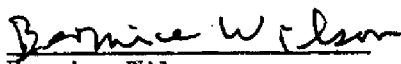
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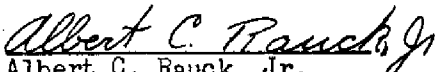
Signal No.	Description	Photo. No.	Height above MHW
4933	Lone, flat-top 5' spruce. Only spruce in vicinity.	1110	6'
4934	Overhanging, 15' spruce, growing out over steep ledge cliff. Most northerly.	1110	5'
4935	Leaning, 15' double spruce. Another double spruce is about 2 m S.	1110	8'
4936	Reject		
4937	15' spruce on point. Most southerly, about 6 m S of MHW.	1034	11'
4938	Pointed, bushy, 10' spruce, about 4 m S of MHW. A 5' boulder is about 10 m N.	1034	2'
4939	Southerly point of grass on flat rock ledge.	1542	3'
4940	SE corner of bare ledge at sharp indentation in grass line.	1542	4'

Approved and forwarded
June 1948


Thos. B. Reed
Officer in Charge
Baltimore Photogrammetric Office

Respectfully submitted


Bernice Wilson
Engineering Aid (Cartographic)


Albert C. Rauck, Jr.
Engineering Draftsman
Review

FIELD EDIT REPORT

TO ACCOMPANY

QUADRANGLE T-8649

AUGUST 1948

46 - METHODS

Field edit of this quadrangle was accomplished in accordance with Field Edit Instructions, dated 24 August 1945, Supplement 1, dated 4 February 1946, and Special Instructions issued just prior to the field edit. Actual field work was performed by George E. Varnadoe on Sheet No. 1 and Stanley J. Hathorn on Sheet No. 2, during the period 16 to 31 August 1948.

The entire quadrangle, except for the southern tip of Cape Split and Moose Neck (in the northwest corner) is comprised of islands, reefs, rocks and water. All work was done with a launch and skiffs. Advantage was taken of the Launch Operator's knowledge of this area during this investigation and some rocks that are not shown on the Map Manuscript (awash at M. L. W.) have been indicated and labeled on the photographs. It is believed that all reefs and rocks that are above M. L. W. were investigated, and where practicable at, or near, M. L. W.

Red ink was used to show all additions and corrections on the photographs and field edit sheets; violet ink for all contours; and green ink for all deletions. All work on the photographs is properly referenced along with the photograph number on the field edit sheets.

47 - ADEQUACY OF THE COMPILATION

Except for the contouring on the majority of the islands, which was added by the Field Editors (Compilation Report, page 5, item 27), and a few minor items which were corrected, it is believed that the compilation is adequate and complete.

48 - ACCURACY TESTS

No accuracy tests were made within the limits of this quadrangle. Reference is made to the Field Edit Report for quadrangle T-8650, which adjoins this quadrangle on the east.

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The operator of the launch used for this work, whose name and address appear below, has fished in this area for twenty years. He has examined the completed Field Edit Sheets and no errors were found.

Mr. Charles E. Cirone
Addison, Maine.

Submitted:
31 August 1948

George E. Varnados
George E. Varnados
Topo. Engr.

HISTORY OF DEPTH CURVES
T-8649
Drisco Island Quadrangle, Maine

The depth curves originate with the following hydrographic surveys:

H-1060 (1870)	1:10,000
H-1061 (1870)	1:10,000
H-1574 (1883-84)	1:10,000
H-1608 (1884-85)	1:10,000
H-1835 (1888)	1:10,000

and chart letters:

376 (1910)
569 (1932)

The depth curves in the southern portion of the quadrangle are omitted because they are dependent on hydrographic surveys that are not adequate for delineation of twenty-foot depth curves.

R. E. Elkins

R. E. Elkins
March 25, 1949

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Division of Photogrammetry
Review Report of
Topographic Map Manuscript T-8649

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

28 Detailing

The boundary between Addison and Beals Townships was moved to a position on the map manuscript, halfway between the land areas that it divides.

Several "Notes to the Hydrographer" are shown on the map manuscript referring to areas that require further investigation. These notes are not to be drafted on the quadrangle.

31 Low Water and Shallow Lines

See Review Report for T-8647

32 Details offshore from the MHWL

Several offshore rocks and reefs were indicated on the map manuscript by the Nautical Chart Branch during the compilation of the depth curves (See Paragraph 40). These features have been added with a note to the hydrographer to investigate their position and height. They do not appear on the photographs and were not located by the field inspector.

34 Landmarks and Aids to Navigation

A Form 567 was prepared and forwarded to the Nautical Chart Branch for "Nash Island Lighthouse". A copy has been made apart of the Descriptive Report.

37 Topographic and Photo-Hydro Stations

The recoverable topographic station, "Bare, 1946", could not be identified on the photographs. See Paragraph 35 of the Compilation Report. The Form 524 card has been retained in the Division of Photogrammetry, General Files so that the station may be located by a future survey. The control recovered and established in this area meets the project requirements without this station.

40 Depth curves and Sounding

See attached letter, "History of Depth Curves".

350

44 Comparison with Existing Surveys

USGS Great Wass Island Quadrangle	1:62,500	1921 Repr. 1944
T-1172	1:10,000	1870
T-1173	1:10,000	1870
T-1501	1:10,000	1882
T-1524	1:10,000	1881

Common features on all previous surveys are superseded by the map manuscript in common area.

45 Comparison with Nautical Charts

Chart No. 304	1:40,000	1943 Corr. 1948
" " 1201	1:80,000	1941 Corr. 1948

See compilation report, Paragraph 45.

48 Accuracy Tests

No accuracy tests were run on this quadrangle. Most of the contouring was done during Field Edit by planetable methods. Lines were started and closed on Mean Sea Level (5.5 ft. below MHW). This map complies with the national standards of map accuracy requirements.

49 Overlays

An overlay was prepared showing the border information, road classifications and destinations, triangulation stations, topographic stations and spot elevations that are to be shown by the smooth draftsman.

51. Application to Nautical Charts

The map manuscript has not been applied to the nautical charts.

Reviewed by:

Charles Theurer
C. Theurer 4-5-49

APPROVED BY:

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Chief, Review Section K.H.M.

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T-8649

Record of Work Subsequent to the Manuscript Review,
that is, Smooth Drafting, Checking, and Printing

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Name

Date

Published by the Geological Survey.