

8020

Diag. Cht. No. 1203

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Photogrammetric Shoreline

Field No. _____ Office No. T-8020

LOCALITY

State Maine

General locality Penobscot Bay

Locality Long Island, Vicinity of North Islesboro

1941-'46

CHIEF OF PARTY

R.A.Gilmore, Chief of Party

T.B.Reed, Balto. Photo. Office

LIBRARY & ARCHIVES

DATE February 28, 1950

B-1870-1 (1)

DATA RECORD

T -8020

Project No. (II): CS 272 D

Quadrangle Name (IV):

Field Office (II): Calais, Maine

Chief of Party: Ross A. Gilmore

Photogrammetric Office (III): Baltimore, Maryland

Officer-in-Charge: Thos. B. Reed

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)

September 18, 1946 (Additional)

Copy filed in Division of

Photogrammetry (IV)

Office Files

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:9,740

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): 1.02669

Date received in Washington Office (IV): 6-24-47

Date reported to Nautical Chart Branch (IV): 6-28-49

Applied to Chart No.

Date:

Date registered (IV):

February 1, 1950

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N.A. 1927

Vertical Datum (III):

M.H.W.

~~M.S.L.~~

~~Mean sea level except as follows:~~

Elevations shown as (25) refer to mean high water

Elevations shown as (5) refer to sounding datum

i.e., mean low water or mean lower low water

Reference Station (III): FLAT ISLAND, 1911

Lat.: 44° 19' 00.86" (26.5m)

Long.: 68° 55' 58.99" (1307.3m)

Adjusted

~~Horizontal~~

Plane Coordinates (IV):

State: Maine

Zone: East

Y=

X=

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

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

Areas contoured by various personnel
 (Show name within area)
 (II) (III)

DATA RECORD

Field Inspection by (II): Charles H. Bishop
R. R. Kim

Date: Oct. 1-31, 1946

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location):
Same as date of photographs. 21 October 1941

Projection and Grids ruled by (IV): B.R.C., J.T.B.

Date: 7/8/44

Projection and Grids checked by (IV): M.U.P., D.L.

Date: 7/8/44

Control plotted by (III): W.E. Schmidt
H. R. Rudolph

Date: 7/10/44
8/19/44

Control checked by (III): W. E. Schmidt

Date: 7/10/44

Radial Plot ~~on Stereoscopic~~

Date: 12/7/48

~~Control extension~~ by (III): Frank J. Tarza

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Contours

Date:

Manuscript delineated by (III): J. Y. Councill

Date: 3/28/49 to
6/2/49

Photogrammetric Office Review by (III): J. W. Vonasek

Date: 6/6/49 to
6/15/49

Elevations on Manuscript
checked by (II) (III):

Date:

Camera (kind or source) (III): U.S.C. & G. S. nine-lens camera, $8\frac{1}{4}$ " focal length.

Number	Date	Time	Scale	Stage of Tide
07194	10/21/41	950	1:9740	11.2
07196-07199	"	1017 1001	"	11.8
07235 & 07236	"	1017 1036	"	11.8
07237 & 07253	"	1057	"	12.1
07254 & 07255	"	1104 1110	"	12.1
07278	"	1148	"	11.5

Computed from predicted Tide Tables.
Tide (III)

Reference Station: Portland, Maine
Subordinate Station: Castine, Maine
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
1.0	8.9	10.2
1.1	9.7	11.1

Washington Office Review by (IV):

Date: Oct 19, 1949

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III):

5

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

29 Statute mi.

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

2 Statute mi.

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 10

Recovered: 7 Identified: 5*

Number of BMs searched for (II):

Recovered: Identified:

Number of Recoverable Photo Stations established (III): 13

Number of Temporary Photo Hydro Stations established (III): 95

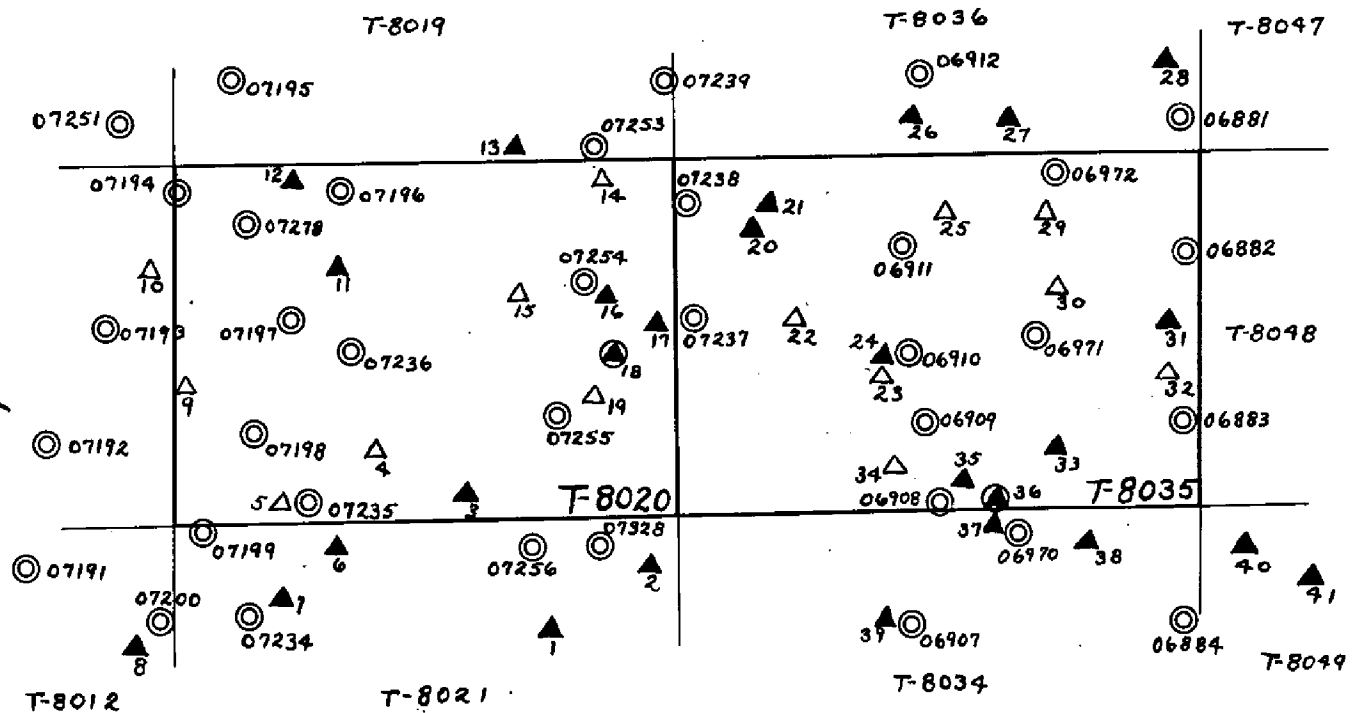
Remarks:

* 2 additional stations identified in compilation office.

LAYOUT SKETCH

PROJECT CS-272 D

SURVEYS T-8020 and T-8035



- OFFICE PHOTOGRAPHS
- FIELD PHOTOGRAPHS
- △ TRIANGULATION STATIONS (NOT IDENTIFIED)
- ▲ TRIANGULATION STATIONS (HELD IN RADIAL PLOT)
- ⊙ TRIANGULATION STATIONS (NOT HELD IN RADIAL PLOT)

7/8/

FIELD REPORT

SHORELINE MANUSCRIPT, SURVEY NO. T-8020

PROJECT NO. CS 272 D

Description of the area: Survey No. T-8020 is one of twenty-six (26) shoreline manuscripts in Project No. CS 272 D along the coast of Maine.

This survey includes part of the coast line north and south of Northport, the north end of Long Island and Hog I., Seal I., and Flat I. in Penobscot Bay.

In general the shoreline is precipitous with boulder, gravel and a few short sand beaches and numerous inshore and offshore ledges.

The field inspection was completed in October 1946. Refer to Seasons Report, 1946, Project CS 272 D submitted by Ross A. Gilmore.

**NOTED DELETED
TO BE DELETED**

STRIKE OUT ONE

NOTES ON THE CHARTS

Calais, Maine

November 5, 1946

91

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

The positions given have been checked after listing by William H. Shearouse

Chief of Party:

ROSS A. GILMORE

[illegible]

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

RADIAL PLOT REPORT

PROJECT NO. CS-272-D

SURVEYS NOS. T-8020 & T-8035

GENERAL DESCRIPTION

This radial plot includes the areas of Surveyw Nos. T-8020 and T-8035, two of a series of shoreline surveys in Project CS-272-D, located along Penobscot Bay on the coast of Maine.

PHOTOGRAPHS

The photographs used in this combined radial plot are unmounted nine-lens photographs, scale approximately 1:10,000, taken with the U.S.C. & G.S. nine lens camera, focal length $8\frac{1}{4}$ inches. Thirty-six photographs were used in this radial plot. They are as follows:

06881 to 06884, incl.	07253 to 07256
06907 to 06912 "	07151
06970 to 06972 "	07278
07191 to 07200 "	07328
07234 to 07239 "	

Some of the photographs used in this radial plot have been used previously in laying the plot for areas to the north of these surveys several years ago. Except for additional pass points added before laying this radial plot, the symbols for control and pass points shown on those photographs are those used about 1944 and not in accordance with instructions No. 12, dated 17 March 1947. Symbols added to the old photographs as well as symbols on new prints in the southern half of this radial plot are in accordance with instructions No. 12.

CONTROL

Twenty-five (25) horizontal control stations were recovered and identified by the field inspection party and used in this radial plot. Of these, twenty were pricked direct on the photographs and five were identified by use of substitute points. Three additional control stations were identified in the office for the radial plot of surveys previously completed on the north side of the area of this radial plot.

A sketch showing the distribution of control and photographs in the area of this radial plot and a list of horizontal control stations are attached to this report.

PROJECTIONS

The map manuscripts furnished the compilation office for the area of these surveys were ruled with polyconic projections and Maine east state grid on acetate, at a scale of 1:9740. Acetate base sheets, with polyconic projections only, were also furnished and used for this radial plot.

PROJECTIONS (Continued)

All control, including substitute points, was plotted and checked on the map manuscripts using beam compass and meter bar. Control was transferred to the base sheets by matching common polyconic projection lines.

Vinylite templets were made of photographs and used in this radial plot.

RADIAL PLOT

It was intended to combine these two surveys, T-8020 and T-8035 with the surveys to the south in one radial plot but this was not possible due to sheet distortion of the map manuscripts. Map manuscripts for these surveys were ruled in 1944. The map manuscripts for surveys to the south were ruled in 1947 on a different type of acetate, and the base sheets for those surveys are vinylite, both of which were slightly different in scale from the map manuscripts and the base sheets for Surveys T-8020 and T-8035.

Since the surveys to the north and northeast, T-8019, T-8036, and T-8047 have been completed, their base sheets being the same scale as these surveys were attached to the base sheets for this plot and all pass points, photograph centers and control pricked thereon. Survey T-8048 on the east side is at a scale of 1:10,000 and could not be combined in this radial plot.

Photographs on the adjoining surveys to the north were used first, holding the centers and pass points previously established. The plot was then extended southward across T-8020 and T-8035 to control points to the south on adjoining surveys so that a satisfactory junction could be made later. There was little difficulty with the plot except in two areas. Near the southeast corner of Survey T-8020, two photographs were found later to be tilted. Along the eastern side of Survey T-8035, it was not possible to hold PUMPKIN ISLAND LIGHTHOUSE, 1862 on the first attempt to lay the plot. However, it was found possible to hold this control station by omitting photograph 06883. A study of the photograph revealed two bad chamber junctions on the northeast side of the photograph. A later check of the plot, by placing photographs under the map manuscript, revealed that it was possible to hold control and the pass points, established by adjoining photographs, in the individual chambers of photograph 06883 by holding the center and rotating the photograph and by displacing the center slightly. Since all the photographs are old and do not have collimation marks in each chamber, no adjustment could be made while making templets.

The positions of all pass points and photograph centers were transferred from the plot by placing map manuscripts over the completed plot and matching common projection lines.

The positions of all pass points were checked by orienting each photograph under its center on the manuscript and observing whether pass points were on the radial lines drawn through the image points on the photograph.

REMARKS

There were two horizontal control positions which could not be held in the radial plot. The radially plotted position of CAPE ROSIER, BARN, RED CUPOLA, 1911, falls 3.0 mm northeast of its geographic position. There is sufficient other control in the area to give an accurate radially plotted position. When holding this on the photograph, the geographic position falls on the south gable of another larger barn but no cupola is apparent. The field inspection party reported the barn, which they identified, as destroyed since photographs were taken, but there is no record of whether the other larger barn, located at the geographic position, still exists.

The radially plotted position of RED and GREEN HOTEL CUPOLA, 1911, falls 4.4 mm northeast of its geographic position. This station was not identified by the field inspection party and no report or record of its recovery is available. Apparently it had been pricked in the office for use in the radial plot of Survey T-8019. No building exists at the geographic position plotted on the manuscript but what appears to be a foundation or remains of a building is evident on the photograph so the station is probably lost, and the other cupola is not the station.

There were a number of triangulation stations for which there is no record of recovery or report by the field inspection party available at this office. Such stations are marked "no record" on the attached list and were plotted on the map manuscripts since they possibly still exist, but were not searched for by the field party.

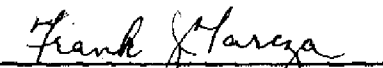
The number and distribution of photographs was adequate. There was sufficient control for a satisfactory radial plot except possibly along the western side of Survey T-8020, where desirable control was not identified. There is no survey to be made on the west side, however, and unless interior areas are to be compiled along the western edge, the present plot is satisfactory.

Respectfully submitted

Approved and forwarded
17 January 1949



Thos. B. Reed
Officer in Charge
Baltimore Photogrammetric Office


Frank J. Tarcza
Cartographic Engineer

No.	Station	Recovered	Identified
1.	ISLESBORO, SOUTH CH. SP., 1862	Yes	Direct
2.	PENDLETON, 1934	Yes	Direct
3.	FIAT ISLAND, 1911	Yes	Direct
4.	BOULDER OPPOSITE GREAT SPRUCE HEAD, 1911	No record	Not identified
5.	TEMPERANCE, 1860	No record	Not identified
6.	SPRUCE HEAD HOUSE FLAGPOLE, 1911	Yes	Direct
7.	ROUND (PAVILION NEAR SPRUCE HEAD). 1911	Yes	Direct
8.	DUCK TRAP CHURCH SPIRE, 1861	Yes	Direct
9.	BIRD, 1871	No record	Not identified
10.	FLANDERS, 1871	Yes	Not identified
11.	DICKEY BLUFF 2, 1934	Yes	Not identified
11.	DICKEY BLUFF OBSERVATORY FLAGSTAFF, 1911	Yes	Direct
12.	EAST NORTHPORT, BLACK WATER TANK, 1934	Yes	Direct
13.	MARSHALL POINT, 1911	Yes	By sub.pt.
14.	KEDDEARS HILL, 1861	Yes	Not identified
15.	BARLEY LEDGE SPINDLE, 1911	No	Not identified
16.	NORTH ISLESBORO, BLACK CH.SPIRE, 1934	Yes	Direct
17.	NORTH ISLESBORO, NORTH TANK, 1911	No record	Identified in office
17.	NORTH ISLESBORO, SOUTH TANK, 1911	No record	Identified in office
18.	RED AND GREEN HOTEL CUPOLA, 1911	Probably lost	Identified in "
19.	ISLESBORO BAPTIST CH.SPIRE, 1862	No record	Not identified
20.	COOMBS POINT WATER TANK, 1934	Yes	Direct
21.	COOMBS POINT, 1911	Yes	By sub. pt.
22.	WRECK, LONG LEDGE, OFF CAPE ROSIER, 1910	No record	Not identified
23.	FOSTER, 1872	Yes	Not identified
24.	ORRS HILL, 1911	Yes	By sub.pt.
25.	HOLBROOKE ISLAND, 1872	No	Not identified
26.	DICEHEAD LIGHTHOUSE, 1862	Yes	Direct
27.	STONE BEACON, 1872	Yes	Direct
28.	BROOKSVILLE CH.SPIRE, 1863	Yes	Direct
29.	WAINWRIGHT, 1872	No record	Not identified
30.	BAKEMAN HILL, 1872	Yes	Not identified
31.	JOHN B'S MOUNT, 1872	Yes	Direct
32.	LONG MOUNT, 1872	No record	Not identified
33.	WIRE COVE MOUNT, 1872	Yes	Direct
34.	CAPE ROSIER, 1861	Yes	Not identified
35.	REDMANS HILL, 1872	Yes	Direct
36.	CAPE ROSIER, BARN, RED CUPOLS, 1911	Possibly lost	- Direct
37.	BLAKE POINT, 1862	Yes	By sub.point
38.	SPECTACLE ISLAND, 1872	Yes	Direct
39.	WESTERN ISLAND, 1911	Yes	By sub.pt.
40.	PUMPKIN ISLAND LIGHTHOUSE, 1862	Yes	Direct
41.	LITTLE DEER ISLE, BLACK'S HOUSE, SOUTH CHIMNEY, 1862	Doubtful	Direct

MAP T. 8020

PROJECT NO. GS-272 D

SCALE OF MAP 1:9740

SCALE FACTOR 1.02669

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y-COORDINATE LONGITUDE OR X-COORDINATE	DISTANCE FROM GRID LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID LINE IN METERS		SCALE 1:9740 FACTOR DISTANCE FROM GRID LINE IN METERS	
				FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
DICKEY BLUFF OBSERVATORY FLAGSTAFF, 1911	Crosby '34 page 14	N.A. 1927	44° 21' 30.41"				938.7	(913.3)	963.8	(937.7)
FLAT ISLAND, 1911	Crosby '34 page 15	"	44 19 00.86				836.0	(492.7)	858.3	(505.9)
KEDEARS HILL, 1861	Acc. No. G-6053 pg. 160	"	44 22 23.813				26.5	(1825.5)	27.2	(1874.2)
BOULDER, OPPOSITE GREAT SPRUCE HEAD, 1911 (no check position)	S.P. 46 pg. 90	N.A.	44 53 36.044				1307.3	(22.4)	1342.2	(23.0)
TEMPERANCE, 1860	Crosby '34 pg. 15	N.A. 1927	44 19 26.06			-21.8	735.0	(1116.9)	754.6	(1146.8)
BIRD, 1871	Crosby '34 pg. 15	"	44 57 17.36			- 3.3	798.0	(530.4)	819.3	(544.5)
DICKEY BLUFF, 2 1934	G.P. Pad	"	44 19 04.92				782.6	(1069.4)	803.5	(1097.9)
EAST NORTHPORT	Crosby '34 pg. 34	"	44 58 40.15				381.4	(948.2)	391.6	(973.5)
BLACK W.T., 1934	S.P. 46 pg. 91	N.A.	44 20 17.05				151.9	(1700.1)	156.0	(1745.5)
NORTH ISLE BORO, NORTH TANK, 1911	Crosby '34 pg. 34	"	44 59 55.95				889.8	(439.9)	913.5	(451.6)
NORTH ISLE BORO, SOUTH TANK, 1911	S.P. 46 pg. 91	N.A.	44 21 29.663				526.3	(1325.7)	540.3	(1361.1)
NORTH ISLESBORO BLACK CH. SPIRE 1934	Crosby '34 pg. 34	"	44 57 38.187				1239.6	(89.6)	1272.7	(92.0)
*FLANDERS, 1871	Crosby '34 pg. 15	"	44 22 23.07				915.6	(936.4)	940.0	(961.4)
	S.P. 46 pg. 91	N.A.	44 58 06.77				845.7	(483.0)	868.3	(495.9)
	Crosby '34 pg. 34	"	44 20 44.354				712.1	(1139.9)	731.1	(1170.3)
	S.P. 46 pg. 91	N.A.	44 52 50.176			-22.0	149.9	(1178.5)	153.9	(1210.0)
	Crosby '34 pg. 34	"	44 20 43.934			- 3.0	1347.1	(504.9)	1383.0	(518.4)
	S.P. 46 pg. 91	N.A.	44 52 50.292			-22.0	1108.4	(220.6)	1138.0	(226.5)
	Crosby '34 pg. 34	"	44 21 09.68			- 3.0	1334.1	(517.9)	1369.7	(531.7)
	S.P. 46 pg. 91	N.A.	44 53 42.13			- 3.0	1111.0	(218.0)	1140.6	(223.8)
	Crosby '34 pg. 15	"	44 21 16.49				298.8	(1553.2)	306.8	(1594.6)
	S.P. 46 pg. 91	"	44 00 14.67				933.1	(395.7)	958.0	(406.3)
	Crosby '34 pg. 15	"	69 00 14.67				509.0	(1343.0)	522.6	(1378.8)
	S.P. 46 pg. 91	"	44 21 16.49				324.9	(1003.9)	333.6	(1030.7)

1 FT. = 3048006 METER

COMPUTED BY: W. J. Hughes

* This station is in the area of Survey No. T-8013, to the west

COPY CHECKED BY: J. W. Vonasek

DATE

7/30/47

DATE 6/6/49

M-2388-12

COMPILATION REPORT

SHORELINE MANUSCRIPT, SURVEY NO. T-8020

26. CONTROL

Eleven (11 triangulation stations fall within the area of Survey No. T-8020. For the layout of control, refer to the radial plot report. A list of stations on Form No. M-2388-12 is included in this report.

27. RADIAL PLOT

Refer to the radial plot report for the area of Surveys No. T-8020 and T-8035 ~~submitted to the Washington office on January 17, 1949. in-~~
cluded herein.

28. DELINEATION

The field inspection was adequate. There was some difficulty in delineating buildings between Northport and Bayside due to the heavy foliage.

The roads were classified in the compilation office based on the General Highway Map of Waldo County, Maine, revised to June 1, 1943, prepared by the Maine State Highway Commission.

30. MEAN HIGHWATER LINE

No comment.

31. MEAN LOW WATER LINE

Only that portion of the mean low water line identified by the field party was delineated on the manuscript. Since the stage of the tide of the photographs was not low enough to permit accurate field identification of the low water line, all low water lines delineated are approximate.

32. DETAILS OFFSHORE FROM THE MEAN HIGH WATER LINE

Field inspection was adequate for interpretation of these features.

33. WHARVES AND SHORELINE STRUCTURES

No comment

34. LANDMARKS

No new landmarks were recommended for charting within the area of this survey. A previously charted landmark has been recommended for deletion. See form 567 attached to this report.

35. HYDROGRAPHIC CONTROL

A list of descriptions of the photo hydro stations in the area is attached to this report. Two copies are being furnished for use of the hydrographic party.

36. LANDING FIELDS AND AERONAUTICAL AIDS

None.

37. JUNCTIONS

Junctions have been made with Survey T-8019 to the north, T-8035 to the east and with T-8021 to the south, and are in agreement. There is no contemporary survey to the west.

38. GEOGRAPHIC NAMES

A list of geographic names is attached to this report. It was compiled from U. S. C. & G. S. charts Nos. 310, 311, 1203 and the U. S. Geological Survey, Castine, Maine Quadrangle.

Barley Ledge and Sprague Ledge on Chart No. 311 are not on the manuscript because they could not be seen on the photographs.

40. BRIDGES

None.

44. COMPARISON WITH EXISTING TOPOGRAPHIC SURVEYS

This manuscript has been compared with the U. S. Geological Survey Castine Quadrangle, scale 1:62,500 edition of 1943. Minute comparison was not possible because of the difference in scale between the two surveys. However they were found to be in generally fair agreement.

45. COMPARISON WITH NAUTICAL CHART

This manuscript has been compared with U. S. C. & G. S. chart No. 310, scale 1:40,000 published August 1937, revised to July 19, 1948, Chart No. 311, scale 1:40,000 published June 1932, revised to March 17, 1947, and chart No. 1203, scale 1:80,000 published June 1936, revised to December 15, 1947. Minute comparison was not possible because of the great difference in the scale between the surveys. However, they were found to be in fair agreement with the following exceptions:

Bailey Ledge and Sprague Ledge. (see side heading 38)

The location of the western end of the cable area has apparently been changed to the vicinity of Temple Heights.

45. COMPARISON WITH EXISTING NAUTICAL CHARTS (Continued)

The following topographic information shown on T-8020 is of sufficient importance to warrant immediate application to the Chart:

None.

The following topographic details above the plane of mean high water are not shown on T-8020, but are believed to still exist and should be carried forward on charts:

None.

Low water features are shown in part on T-8020 and should be completed by the hydrographic party.

Minor cultural and shoreline changes need no special discussion.

Respectfully submitted
28 May 1949

Judson Y. Council
Judson Y. Council
Cartographic Draftsman

Joseph W. Brack
Photogrammetric Office Reviewer

Approved and forwarded
22 June 1949

Harry R. Rudolph
Supervisor

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

Notes for Hydrographic Parties

Shoreline Manuscript Survey, No. T-8020

Ninety-five (95) photo hydro stations were located on T-8020. Two copies of the list of descriptions of them are attached.

The manuscript T-8020 has been compared with U.S.C. & G. S. Chart No. 310, scale 1:40000, published August 1937, revised to March 24, 1947. Chart No. 311, scale 1:40000 published June 1932, revised to March 17, 1947, and chart No. 1203 scale 1:80000 published June 1936 revised to December 15, 1947. Minute comparison was not possible because of the great difference in the scale between the surveys. However they were found to be in fair agreement.

Two (2) ledges do not appear on the manuscript T-8020, because they are not visible on the photographs: Barley ledge and Sprague Ledge.

The following topographic information shown on T-8020 is of sufficient importance to warrant immediate application to chart:

None

The following topographic details above the plane of mean high-water are not shown on T-8020, but are believed to still exist and should be carried forward on charts:

None


Low water features are shown in part on T-8020 and will be completed by the hydrographic party.

Minor cultural and shoreline changes need no special discussion.

Respectfully submitted
28 May 1949

Judson Council
Engineering Draftsman

Approved and forwarded
28 May 1949



Officer in Charge,
Baltimore Photogrammetric Office

PHOTOGRAMMETRIC HYDROGRAPHIC STATIONS
T-8020

Photo Hydro Number	Photo. Number	Description
2001	7328	East tip of brush on sharp point.
2002	"	20 foot lone spruce standing on grassline on top of gray ledge. All the branches are on the E side.
2003	"	Tip of brush on ledge north of short gravel beach.
2004	"	CHIMNEY, 1946. <i>Form 526</i>
2005	"	SE corner of pier.
2006	"	Top of prominent offshore ledge with large crack on E side.
2007	"	Highest part of ledge on sharp point.
2008	"	NE tip of grass on point.
2009	7255	SE tip of ledge at division between hardwood and softwood trees on shore
2010	"	CABLE, 1946 <i>Form 524</i>
2011	"	Center of SE'ly brush patch on point.
2012	"	E Gable two story green cottage with white flag pole on N/ ^{end} and green water tank on east side.
2013	"	Stone chimney on north end of cottage. with red roof.
2014	"	North gable of two story white house with green shutters. Dormers on east side and brick chimney on north end.
2015	"	Northeast tip of white ledge at MHWL. Ledge is at north end of gravel beach.
2016	"	East gable of yellow house with green roof.
2017	"	Northeast corner of remains of pier.
2018	"	East gable of yellow one and one-half story cottage with white trim.
2019	7237	Northeast corner of cribbing east of small fish house.
2020	"	Southeast tip of grass on point at MHWL

Photo Hydro Number	Photo. Number	Description
2021	7237	Forty foot spruce tree on point that leans out over water.
2022	"	Northeast tip of brush on sharp point.
2023	"	Top of four foot lone granite boulder.
2024	7255	East tip of brush on point.
2025	7255	GABLE, 1946 Form 524
2026	"	South tip of most prominent ledge on point.
2027	"	Southwest corner of long pier.
2028	7237	Southeast tip of brush on point.
2029	"	Thirty foot spruce W of gravel beach blaze on east side.
2030	"	North tip of ledge that is vertical at north end blazed maple at tree line west of ledge.
2031	"	East tip of ledge at MHWL. There is a deep crevice west of the ledge.
2032	"	Six foot granite boulder at the ^W /end of small gravel beach. Boulder is 5 m. offshore from MHWL.
2033	"	East tip of projecting ledge at MHWL.
2034	"	Easternmost spruce tree on point blazed on east side.
2035	"	South tip of brush between two bare places on bank.
2036	"	CHIMNEY, 1946 Form 524
2037	7253	West tip of narrow brush patch on grassy bank.
2038	"	3' white granite boulder on point.
2039	"	2' gray boulder with smaller brown boulder on north side.
2040	"	West tip of grass on projecting ledge.
2041	7254	WHALE, 1946 Form 524
2042	"	Highest part of ragged brown ledge that is west of a small grass patch.

Photo Hydro Number	Photo. Number	Description
2043	7254	Southwest tip of deep moss on prominent ledge.
2044	"	Highest part of ragged brown and gray ledge that has vein of flint on south side.
2045	"	Brush line at crevice in ledge. Crevice is 2 feet wide.
2046	"	Tip of brush on rounding point. Blazed spruce 4 m. east of tip of brush.
2047	"	Northeast tip of grass on sandy point. The point is at high high water line.
2048	"	Highest part of offshore ledge.
2049	"	West tip of grass on prominent ledge on rounding point.
2050	7255	GABLE, 1946. Form 524
2051	"	Northwest tip of grass on low point.
2052	"	Southeast gable of $1\frac{1}{2}$ story white house with two brick chimneys in center and two dormers on west side.
2053	"	12' spruce tree at corner of pole fence. Blaze on west side.
2054	"	Center of grass patch on S'yly of two offshore ledges with grass on them.
2055	"	Highest part of white ledge on point.
2056	"	Highest part of offshore ledge.
2057	"	Southeast tip of grass on island just south of Hog Island.
2058	"	CHIMNEY, 1946. Form 524
2059	"	Highest part of ledge with crevice in highest part.
2060	"	Most N'yly spruce tree on prominent ledge on north end of Hog Island
2061	"	Northeast corner of stationary part of pier.
2062	"	Highest part of sharp upright ledge with sparse grass on S slope. Ledge is about 1 m. wide and 2 m. high. Ledge is at MHWL.

Photo Hydro Number	Photo. Number	Description
2063	7255	Center of crib east of rock wall.
2064	"	20 foot spruce tree on point. Blaze on S. side.
2065	"	South gable of red-roofed white cottage. Brick chimney is on east side of cottage.
2066	"	POOL, 1946 Form 524
2067	"	Highest part of ledge on rounding point. Highest part of ledge is 1 m. inshore from MHW.
2068	"	South end of large flat ledge at MHW.
2069	"	South tip of grass on ragged ledge on point.
2070	"	8 foot lone spruce on top of ledge in cove.
2071	"	CHIMNEY, 1946 Form 524
2072	"	Southeast corner of green pier.
2073	"	Chimney in center of stone house on point.
2074	"	Center of top of flat ledge.
2075	"	15 foot spruce tree which is the most SE'ly tree on sharp point.
2076	"	8 foot spruce with very few limbs on south tip of grass on point.
2077	"	East tip of brush on point.
2078	"	10 foot lone spruce at brush line at head of cove.
2079	"	Highest part of prominent ledge in head of cove.
2080	"	10 foot lone spruce on ledge on point.
2081	"	CHIMNEY, 1946 Form 524
2082	"	SW tip of grass on ledge W of gravel beach.
2083	"	W tip of grass on prominent ledge between two gravel beaches.
2084	"	Highest part of ledge with dark top with vertical SE side. Highest part of ledge is $\frac{1}{2}$ m. from MHWL.

Photo. Hydro Number	Photo. Number	Description
2085	7255	Light colored ledge extending into water half-way between point and road leading to gravel beach.
2086	"	30 foot spruce tree on E side of cove. Blaze on shore side of tree.
2087	"	S tip of brush E of short sandy beach.
2088	"	N tip of ledge on point at MHW
2089	W"	W tip of brush on prominent point.
2090	"	S tip of grass on prominent ledge on rounding point. Blaze on spruce tree 2 m. from tip of grass.
2091	7256	East end of ledge on point at MHW.
2092	"	Highest part of light colored ledge in grass at opening through trees to field.
2093	"	20 foot spruce tree with blaze on shoreside. Tree stands at base of sharp pointed ledge.
2094	"	Top of 5 foot loose ledge. There is a 6 foot lone cedar growing against the NE side of the ledge.
2095	"	15 foot lone spruce in marsh.
2096	"	SE tip of narrow strip of grass that runs along road.
2097	"	NW tip of brush on prominent ledge.
20100	"	North tip of grass at base of flat ledge.
20104	"	South tip of grass on S end of Island.
20105	"	2 foot round white boulder at grass line on N end of Island.
20106	7196	CHIMNEY, 1946 <i>same 504</i>
20107	"	Largest flat granite boulder on beach at MHWL.
20108	"	Sharp-topped white granite boulder on smaller boulder beach. Conspicuously white topped boulder.
20109	7197	East gable of $2\frac{1}{2}$ story yellow house with open porch, red roof, green shutters and the third house from the point. Half-moon design on shutters.

Photo. Hydro Number	Photo. Number	Description
20110	7197	CHIMNEY, 1946 <i>Frame 524</i>
20111	"	South gable of unpainted boat shed with 3 windows on south/ ^{end} Saturday Cove.
20112	7235	GABLE, 1946 <i>Frame 524</i>
20113	"	Most southerly corner of pier.

GEOGRAPHIC NAMES

- * Barley Ledge (submerged)
- Bayside (Pending with U.S.B.G.N.)
- Bounty Cove
- Coombs Cove (Pending with U.S.B.G.N.)
- Crockett Brook
- Crow Cove
- East Penobscot Bay (" " " ")
- Fire Island
- Flat Island
- Great Spruce Head
- Hog Island
- Islesboro Harbor
- Kedears Hill
- Keller Point
- Little Harbor
- Long Island
- Meadow Pond
- Mt. Percival
- Narrows, The
- North Islesboro
- Northport
- Northeast Point
- Parker Cove
- Ryder Cove
- Sabbathday Harbor
- Saturday Cove
- Seal Harbor
- Seal Island
- Shaw Brook
- * Sprague Ledge (submerged)
- Sprague Cove
- Temple Heights
- West Penobscot Bay
- U.S. No. 1

Disputed Name

- Chart No. 1203, 310 U. S. G. S. Castine Quadrangle
- Hog Island (Pending with U.S.B.G.N.) ~~Ram Island~~

* These two (2) ledges could not be delineated on T-8020 because they are not visible on the photographs.

Names preceded by
• are approved 10-18-44.
L. H.

62

Review Report
Shoreline Survey T-8020
October 19, 1949

43. Comparison with Contemporary Hydrographic Surveys.-

No contemporary survey

44. Comparison with Previous Topographic Surveys.-

T-1256	1:10,000	1871
1257	"	1871
1288	"	1872

This map supersedes the above surveys for nautical charting purposes.
46. Adequacy of Manuscript.- The compilation is adequate for accuracy and completeness.

Reviewed by:

L. Martin Gazik
L. Martin Gazik

Approved:

<u>S. V. Griffith</u>	<u>H. Edmonston</u>
Chief, Review Section	Chief, Nautical Chart Branch
Division of Photogrammetry	Division of Charts

<u>O. S. Reading</u>	<u>K. G. Cusley</u>
Chief, Div. of Photogrammetry	Chief, Div. of Coastal Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. T-8020

Record of Application to Charts

[illegible]

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.