

8032

Diag. On Diag. Ch. No. 1203

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Photogrammetric Shoreline

Field No. CS-272-D Office No. T-8032

LOCALITY

State Maine

General locality Penobscot Bay

Locality North Haven Island

194 6

CHIEF OF PARTY

F.L. Peacock & R.A. Gilmore

LIBRARY & ARCHIVES

DATE April 14, 1949

8032

DATA RECORD

T-8032

Quadrangle (II):

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

Field Office:

Air Photographic Party No. 2
Calais, Maine

Chief of Party:

Fred. L. Peacock
Ross A. Gilmore

Compilation Office:

Baltimore, Md.

Chief of Party:

Thos. B. Reed

Instructions dated (II III):

April 1, 1942 (Additional) July 10, 1943

(Horizontal Control Requirements) March 18,

April 11 and July 17, 1944 (Supplemental) August 10, 1944 (Additional).

August 26, 1944 (Amendment to Additional Instructions). Sept. 18, 1946 (Additional)

Completed survey received in office:

Div. Photogrammetry
Copy filed in Descriptive
Report No. T- (VI) General Files

Reported to Nautical Chart Section:

Reviewed: 9 Sept. 1948 Applied to chart No.

Date:

Redrafting Completed: Not redrafted.

Registered: ~~SE~~ April 1949

Published: Vault copy only

Compilation Scale: 1:9700

Published Scale:

Scale Factor (III): 1.0309

Geographic Datum (III): N.A. 1927

Datum Plane (III): M.S.L. ^{H.W.}

Reference Station (III): BABIDGE, 1934

Lat.: 44° 08' 30.805" (950.8m) Long.: 68° 47' 08.739" (194.2) Adjusted
~~Standard~~

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

X = 424,988.75 Ft. Y = 112,599.24 Ft.

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
06889 to 06890 incl.	10-19-41	1110	1:9700	8.5' above MLW
06900 to 06903 "	10-19-41	1110	1:9700	8.5' above MLW
06966	10-20-41	1310	1:9700	4.9' above MLW
07265 to 07266 "	10-21-41	1120	1:9700	11.7' above MLW

7316 to 7318

Predicted Tide Tables, Atlantic Ocean, 1941, Reference Station
Tide from (III): Portland, Maine, with corrections to Iron Pt. North Haven Island.

Mean Range: 9.5' Spring Range: 10.8'

Camera: (Kind or source) U.S. Coast and Geodetic Survey nine lens camera-focal length 8 $\frac{1}{4}$ "

Field Inspection by: Henry O. Fortin date: Sept. Oct. 1943
Charles H. Bishop Oct. 1946

Field Edit by: None date:

Date of Mean High-Water Line Location (III): Same as date of photographs supplemented by field inspection in 1943 and 1946.

& Base Projections
Projection and Grids/ruled by (III) BRC-JTB-PJH date: 2-4-44
" " " checked by: R.J.T. date: 2-5-44
Control plotted by: W.E. Schmidt date: 2-8-44
Control checked by: W.E. Schmidt date: 2-9-44

Radial Plot by: James E. Sunderland date: 5-10-44
Detailed by: Marcia Whitmore June 1944
Detailed by: Leroy A. Senasack date: 5-14-48 to 7-20-48

Reviewed in compilation office by: J.W. Vonasek date: 7/27 to 8/5/48

manuscript
Elevations on Field Edit Sheet
checked by: J.W. Vonasek date: 7/30/48

STATISTICS (III)

Land Area (Sq. Statute Miles): $8\frac{1}{2}$

Shoreline (More than 200 meters to opposite shore): 39 statute miles

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

Number of Recoverable Topographic Stations established: 24

Number of ^{photo hydro} ~~Temporary Hydrographic~~ Stations located by radial
plot: 145

Leveling (to control contours) - miles:

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

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

Remarks:

FIELD REPORT

SURVEY NO. T - 8032

1. DESCRIPTION OF THE AREA

Survey No. T-8032 is one of twenty seven (27) shoreline map manuscripts in Project No. CS-272-D located in Maine. The instructions for this project are dated:

1 April 1942 (Additional)	Filed in Division of Photogrammetry Office Files.
10 July 1943 (Horizontal Control Requirements)	
18 March 1944	
11 April 1944	
17 July 1944 (Supplemental)	
10 August 1944 (Additional)	
26 August 1944 (Amendment to Additional Instructions)	
18 September 1946 (Additional)	

This survey includes part of the area known as North Haven Island and the small islands to the south and east of it, and part of Calderwood Point.

The terrain immediately adjacent to the mean high water line is, in general, rocky. The shore area is commonly ledge rock with some stretches of sand and gravel beaches.

The interior is hilly and mostly tree covered with some cleared areas.

For further information concerning this area refer to Season's Report 1943, Project No. CS-272-D, submitted by Henry O. Fortin, 12 January 1944, and Season's Report 1946, Project CS-272-D, submitted by Ross A. Gilmore.

COMPILATION REPORT

SHORELINE MANUSCRIPT, SURVEY NO. T-8032

The compilation of this manuscript was started in 1944, but, due to incomplete field inspection, was not completed. Only a few islands were delineated at that time. The manuscript now includes the results of the field inspection of 1946 and is complete.

26. CONTROL

The radial plot for the area of this survey proved that control station TURNER'S HOUSE CHIMNEY, 1861 is lost. The field party operating in 1943 submitted the following information on Form M-982-1: "Pricked direct" "not identified", "Pricking Positive". "House is a one story cream colored structure with a dark roof. According to local information, it once belonged to Turner".

The radially plotted position of the station as identified by the field party falls 5.35 millimeters northeast of its geographic position. The radially plotted position has been shown with a double red acid ink circle. The geographic position is not shown.

All other control shown on the manuscript was used in the radial plot.

A list of stations on Form No. M-2388-12 is included in this report.

27. RADIAL PLOT

Refer to the report for the combined radial plot covering the areas of Surveys Nos. T-8022 to T-8025 inclusive, and T-8030 to T-8033 inclusive in the appendix of the Descriptive Report for Survey No. T-8030 submitted to the Washington Office 26 July 1944.

28. DELINEATION

The compilation is in accordance with instructions pertaining to Project No. CS-272-D.

Photographic coverage was adequate for delineation of the shoreline.

Several small islands just outside the northern limits of Survey No. T-8032 were delineated on Survey No. T-8032 in accordance with the field data of 1946. These islands had been previously delineated on Survey No. T-8033 in accordance with office interpretation of the photographs.

28. DELINEATION (Continued)

The delineation of these islands on Survey No. T-8032 supersedes the delineation shown on Survey No. T-8033 and should be transferred to Survey No. T-8033. *Detail transferred to T-8033 9/15/48 K.M.M. and deleted from T-8032*

Road classifications shown on the field photographs have been converted to comply with classifications as shown in Photogrammetry Instructions No. 10 dated 14 April 1947.

30. MEAN HIGH WATER LINE:

No comment

31. MEAN LOW WATER LINE

Only those portions of the mean low water line identified by the field party were delineated. All of the mean low water line shown is approximate.

32. DETAILS OFFSHORE FROM THE MEAN HIGH WATER LINE

A fish weir in Kent Cove exists in an area that has been outlined on the manuscript with a dashed line in accordance with the field data.

A shoal area, near North Haven has been outlined with a dashed line in accordance with field data. The field party did not see any features in the area, however, this area shows on Chart No. 235 as ledge, and on Chart No. 310 as many sunken rocks.

33. WHARVES AND SHORELINE STRUCTURES:

No comment.

34. LANDMARKS AND AIDS TO NAVIGATION

One new landmark was located by radial plot. A previously charted landmark has been recommended for deletion. See Forms No. 567 submitted with this report. *Filed in Div. of Charts. Copy in Div. of Photogrammetry attached. General file.*

35. HYDROGRAPHIC CONTROL

One hundred and forty-five (145) hydro stations were located. A list of descriptions is attached to this report. Two copies have been furnished for the hydrographic party.

36. LANDING FIELDS AND AERONAUTICAL AIDS:

None

37. GEOGRAPHIC NAMES:

Geographic names were taken from U.S.C. & G.S. Chart No. 309, 310, and 235, and U.S. Geological Survey, Vinalhaven quadrangle, Maine. The

37. GEOGRAPHIC NAMES (Continued)

list of names is attached to this report.

38. JUNCTIONS

Junctions with T-8033 to the north, T-8031 to the south and T-8023 to the west have been made and are in agreement.

The junction between this survey and T-8051 is in a water area.

42. VERTICAL CONTROL:

Tidal Bench Mark No. 3 at North Haven is the only bench mark shown on the manuscript.

44. COMPARISON WITH EXISTING TOPOGRAPHIC SURVEYS:

The map has been compared in detail with U. S. Geological Survey quadrangle Vinalhaven, Maine, scale 1:62,500, edition of 1944, and found to be in fair agreement with the exception of two names, Marsh Cove and Banks Cove, which do not show on any of the nautical charts.

45. COMPARISON WITH NAUTICAL CHARTS:

T-8032 has been compared in detail with chart No. 235, scale 1:20,000, published October 1914, corrected to 17 May 1948; chart No. 309, scale 1:40,000, published October 1947, corrected to 3 November 1947; and chart No. 310, scale 1:40,000, published August 1937, corrected to 24 March 1947.

The following topographic information shown on T-8032 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 this manuscript, but are believed to still exist and should be carried forward on the chart:

None.

Low water features are shown in part and will be completed by the hydrographic party. Special attention is called to a fish weir in Kent Cove and a shoal area southeast of North Haven.

Minor cultural and shoreline changes need no special discussion.

Respectfully submitted
26 July 1948

LeRoy A. Senasack
Engineering Aid (Photo.)
Compilation and Descriptive Report

Joseph W. Vonasek (P.G.)
Photogrammetric Office Reviewer

Approved and forwarded
August 1948

Harry R. Rudolph
Supervisor

Thos. A. ...
Officer in Charge
Baltimore Photogrammetric Office

TO BE CHARTED

STRIKE OUT ONE

NON-FLOATING AIDS OR LANDMARKS FOR CHARTS

HOCKLAND, MAINE

November 30 1943

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

The positions given have been checked after listing by Joseph W. Vonasek

Fred. L. Peacock

Chief of Party:

[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.

NONFLOATING AIDS OR LOAN INSTRUMENTS FOR CHARTS

TO BE CHARTED
FOR BOOZING

STRIKE OUT ONE

Rockland, Maine

30 November

1961 87

I recommend that the following objects which have ~~been~~^{been} inspected from seaward to determine their value as landmarks, be charted on ~~the~~^{the} charts indicated.

The positions given have been checked after listing by

Joseph W. Vonasek

Fred. L. Peacock

Chief of Party.

[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.

The positions given have been checked after listing by

Fred. L. Peacock

Chief of Party.

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.

NOTES
FOR
HYDROGRAPHIC PARTIES
MAINE

MAP MANUSCRIPT

SURVEY NO. T-8032

PROJECT NO. CS-272-D

The 2 $\frac{1}{2}$ millimeter circles, accompanied with a number, are the positions of the photo hydro stations. Two copies of the list of descriptions of the photo hydro stations have been furnished for your use.

T-8032 has been compared in detail with Chart No. 235, scale 1:20,000, published October 1914, corrected to 17 May 1948; Chart No. 309, scale 1:40,000, published October 1947, corrected to 3 November 1947; and Chart No. 310, scale 1:40,000, published August 1937, corrected to 24 March 1947.

The following topographic information shown on T-8032 is of sufficient importance to warrant immediate application to the chart:

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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:

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Minor culture and shoreline changes need no special discussion.

Respectfully submitted
26 July 1948

LeRoy A. Senasack
Engineering Aid (Photo.)

Approved and forwarded

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

DESCRIPTION OF PHOTO HYDRO STATIONS
FOR
SURVEY NO. T-8032

8032

Signal No.	Description of Signal Site	Photo. No.
3201	SW gable of a one and one half story yellow house with white trim and shingle roof about 70 meters south of MHWL.	7266
3202	NW corner of west cribbing at MHWL at head of small cove.	"
3203	A 3 ft. diameter white granite boulder on extreme tip of point.	"
3205	Prominent tip of grass at top of ledge immediately N of a bushy clump of alders at the MHWL.	7266
3208	Tip of grass on prominent ledge.	7318
3209	Highest part of razor back ledge north of point, 12 meters S of MHWL	7318
3210	Highest point on ledge at west end of long gravel beach.	6903
3213	East gable of gray barn set on grassy slope.	"
3214	Tip of grass on east side of entrance to small pond	"
3216	The highest part of the easternmost group of ledges closest to Burnt Island and has tuft of grass on top.	"
3217	Tip of grass on prominent point at top of ledge eight meters north of bushy 6 ft. spruce tree.	"
3218	A lone 12 ft. spruce at edge of grassline 10 meters inshore from MHWL and at back part of a sharp projecting rock out-cropping.	"
3219	Tip of jagged projecting ledge at MHWL at west end of gravel beach.	"
3220	East tip of grass north of dead spruce tree and on top of ledge.	"
3221	SE tip of grass on most southerly island east of Oak Hill	"
3223	E gable of small shack on gravel beach and partly obscured by two low bushes.	"

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Signal No.	Description of Signal Site	Photo. No.
3224	East tip of grass on point north of a two story gray dwelling.	6903
3225	East gable of white 1-story cottage with steps on SE corner	"
3227	Forked spruce on island south of stone remains.	"
3228	A razor back brown topped rock 18 meters out from MHWL, isolated.	6902
3229	Top of ragged topped ledge at edge of brush line 9 meters from MHWL	"
3230	A 4 ft. diameter white granite boulder awash at MHW in middle of long gravel beach 2 meters out from MHWL	"
3231	The highest part of round topped ledge at NW end of gravel beach.	"
3232	West tip of grass on island.	"
3234	SE tip of grass on top of ledge on point.	6890
3235	Top of pinnacle offshore ledge with grassy top.	6902
3236	West end of high part of stone wall across south end of small clearing.	"
3237	A lone 8 ft. spruce tree 15 meters back from MHWL on edge of beach at head of Mullen Cove.	"
3238	Highest part of grass covered offshore ledge at NE end.	6901
3240	Highest part of highest ledge between North Haven Island and Burnt Island.	6901
3241	Dome shaped ledge with two cracks across top.	"
3242	A gray moss covered rock on the west side of small point 4 m. from the grassline and a slump of spruce trees 1 meters in from MHWL.	"
3243	Tip of brush on point.	"
3245	Tip of ledge on NE tip of island.	7266
3247	Dead tree on point leaning out to water and east of fence.	"
3248	A spruce at head of inlet on 6 ft. ledge east of large group of spruces.	"

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Signal No.	Description of Signal Site	Photo. No.
3250	Flat white granite boulder on south side of tip of point.	7266
3252	A 10 ft. spruce on grassy slope at edge of low brush blazed on seaward side.	"
3253	Spruce tree on point blown over with roots exposed.	"
3254	Center of white ledge on point.	"
3255	Spruce at edge of grassy slope 3 meters from MHWL. Top is dying.	"
3257	NE tip of projecting ledge at MHWL with low brush on inshore side.	"
3258	SE tip of brush and dwarf scrub spruce on east end of Burnt Island.	6890
3259	A 3 ft. diameter white granite boulder on point.	"
3260	A spruce blazed on south side on west end of gravel beach.	"
3261	SW gable of gray cottage on point with green roof.	"
3262	Grass patch on ledge, most west ledge on point	"
3263	West tip of low brush on NW point	6901
3264	The highest part on most easterly ledge of small island.	"
3265	Highest part of most northerly ledge NE of buildings.	"
3266	Highest part of detached ledge with sparse grass on top.	"
3268	Sharpt, abrupt point of ledge with moss on SE side.	"
3269	Highest part of ledge on NW side.	"
3270	Shortest spruce on ledge.	"
3271	Highest part of rounded ledge west of old stump and has dwarf brush on top.	"
3273	South end of green 3 ft. high brush 15 meters back of MHWL at head of cove.	"
3274	East gable of green cottage, with trim, gray roof.	"
3275	Spruce tree on south side of 10 ft. grassy bank; only one in area.	"

Signal No.	Description of signal site.	Photo. No.
3276	The most northeasterly 3 ft. diameter white granite boulder at edge of grass.	6901
3277	A large granite boulder on beach awash at MHW, 4 meters off-shore from MHWL.	"
3279	Center of grass on high grassy ledge on small island.	"
3280	The highest part of black offshore ledge.	"
3281	The west tip of ledge west of branchy two limb hardwood tree.	"
3282	West gable of old barn in ill repair	"
3283	East gable of the lower section of white house.	"
3284	The highest part at the most westerly of two black ledges.	"
3285	A lone 5 ft. spruce in top center of gray ledge at grassline.	"
3286	The highest part of isolated black ledge at head of inlet.	"
3287	Center of low bushes on grassy point.	"
3288	Most NE part of moss covered ledge on point.	"
3289	Top of reddish colored flat ledge on SE side SW point of Stimpson Island.	6900
3290	Highest part of dome shaped ledge to southwest of large crack in rocks.	6900
3291	A lone spruce in center of small clearing at back side of gravel beach and at grassline.	6900
3292	Highest part of reddish round topped ledge that projects out into water.	6890
3293	Highest part of brown moss covered ledge that projects out into water.	6890
3294	A lone 12 ft. spruce at west end of stone beach and at bottom of grassy slope.	"
3295	Highest part of gray ledge south of two small spruce trees in ledge.	"

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Signal No.	Description of Signal Site	Photo. No.
3296	East tip of high ledge on point.	6890
3298	Highest tip of brown ledge nearest large white birch tree.	"
3299	Tip of grass on point with several forked birch trees in vicinity.	"
32100	The highest part of gray topped brown ledge on point on SW side of small indentation in shoreline.	6891
32101	North gable of 1½ story white dwelling with a lower section ^{on} east side and chimney on each.	"
32102	West tip of grass on point.	"
32104	Station is junction of long narrow ledge and low juniper patch on point.	6901
32105	The largest, bushy dwarfed spruce tree on NE tip of small island.	6900
3596	Highest part of ledge on prominent point. West of yellow house on east side of bight. Has grass on it.	"
3598	West tip of ledge on point. Point east of CABLE, 1943. Ledge is covered with seawood.	6900
3599	NE corner of NE'ly granite abutment. There are two, 6 ft. apart.	"
3601	Base of lone spruce tree near center of Birch Island 10 ft. tall, in grassland.	"
3602	Top of large offshore ledge. Has grass on it. It is highest offshore ledge on east side of north end of Calderwood Neck.	"
3603	Top of light colored boulder. Has very light top and light brown sides. SW from Birch Island. Sits on ledge.	"
3604	NW corner of pier on west side of Widow Island. On sand beach.	"
3605	SW tip of grass on Widow Island.	"
3606	NE tip of grass on Widow Island.	6980

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Signal No.	Description of Signal Site	Photo. No.
4126	Base of 3 ft. lone spruce tree on ledge on NE side of Babbidge Island.	6890
4127	NW tip of grass on ledge. It is on point. Most westerly of forked ledges. Sand beach NW from it.	"
4128	Base of 6 ft. lone spruce tree in grassland, 8 meters from gravel beach. It is east from small rocky point which divides gravel beach.	"
4129	SW end of stone breakwater on west side of Babbidge Island.	"
4130	Top center of flat-like offshore ledge off west end of Babbidge Island.	"
4131	SE tip of grass on largest offshore ledge. Has gravel beach west side.	"
4132	Top center of offshore ledge nearest east side of Calderwood Island. Has moss on it.	"
4133	Base of 3 ft. spruce tree at south end of small ledge on shoreline 6 meters west from HWL on east side of island.	"
4134	Base of 8 ft. lone spruce tree on ledge on east side of island. Ledge is at north end of small gravel beach.	"
4135	Base of smallest, most northerly of two spruce trees on NE end of Calderwood Island. It is 10 ft. tall. Other tree is about same height, but has thicker trunk.	"
4136	Base of 3 ft. spruce tree on small rock at shoreline on north side of Calderwood Island. Highest hill on island to southwest of it.	"
4137	Top of round-like boulder in grassland on west side of island. It is gray color. High grassy hill to east of it.	"
4138	Top of offshore ledge west of Calderwood Island. North part of ledge. It is not very large.	"
4139	Base of lone spruce tree on largest offshore ledge north of Calderwood Island.	"

Signal No.	Description of Signal Site	Photo. No.
4140	Top of light colored boulder on north side of island, east side of point.	6890
4141	Center of juniper patch on NW side of Calderwood Island. On ledge at end of prominent point.	"
4142	Top of dark colored boulder on west side of island. On edge of ledge at grassline.	"
4143	Top of large rock on SW end of Calderwood Island.	"
4144	Top of small offshore rock SE of east end of small island at SW end of Calderwood Island.	"
4145	Top of gray boulder on SE side of Calderwood Island. In center of small gravel beach.	6890
4184	Base of 20 ft. lone spruce tree on rocky point on east side of Burnt Island.	6903
4186	Base of 10 ft. lone spruce tree on point at grassline. It is east of small gravel beach.	6903
4187	Center of grass patch on Dagger Ledge	"
4188	Base of lone spruce tree on north side of Dagger Island. Only spruce on north side.	"
4189	Top of brown colored ledge (south end) at west end of Dagger Island. Small brown offshore rock west of it.	"
4190	Top of ledge at top of Downfall Island.	"
4191	Top of light colored rock on top of east end of Dagger Island.	6903
4192	Top of offshore ledge off west end of Sheep Island.	6889
4193	Stump at north end of cut in trees on north side of Sheet Island. Stump is 1 ft. tall. Another stump 3 ft. west of it.	"
4194	Base of 6 ft. lone spruce tree on point on east side of Sheep Island.	"
4195	Top of largest ledge on south side of Sheep Island.	6889
4196	Base of 15 ft. lone bushy spruce tree at grassline on southeast side of Babbidge Island. Small gravel beach north of it.	6890
4197	Highest part of west end of Babbidge Island Ledge.	6890

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Signal No.	Description of Signal Site	Photo. No.
4198	Base of easterly of two spruce trees, 8 ft. tall. There is a large boulder at south end of it.	6890
4199	Highest part of highest of Babbidge Island Ledges.	"
4200	Top of ledge (southeast end of northerly ledge) on point at southwest tip of Babbidge Island.	"
4201	Highest part of Black Ledge.	6890
4370	Top of large offshore rock off point.	7265
4372	Top of largest of two light colored rocks at head of cove.	6900 & 7265
4375	SE corner of pier. House at north end of pier. Is grey with brown trim.	7265
4377	NE corner of pier on south side of bight	"
4381	NE tip of grass on prominent point. Point is south of bight.	"
4382	Top of largest rock off point. Has one crack on east side of it.	7265
4383	Top of rock at NW end of Waterman Cove. At south side of entrance to small cove.	7265
4384	South end of stone fence.	"
4385	Base of 25 ft. spruce tree. It is sort of old. Hasn't many limbs. Most westerly tree on point.	"
4386	Base of a 10 ft. spruce tree at grassline near edge of ledge.	"
4387	Base of a 5 ft. spruce tree at edge of a perpendicular bank. A 20 ft. spruce tree 20 ft. SE of it.	"
4388	South tip of grass on prominent point.	"
4390	Base of lone birch tree. It is high limbed, 6 ft. from grassline in large open field.	"
4391	Top of highest of group of black rocks NW of gravel beach. It is highest on south end.	"

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Signal No.	Description of Signal Site	Photo. No.
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The following signal sites were rejected

3212	Large 6 ft. in diameter flat top boulder on NW side of Webster Head at MHWL.	6903
3222	North tip of grass on most southerly island east of Oak Hill.	6903
3244	West tip of ledge on small island at MHWL	7266
3249	SW tip of grass on point 3 meters from MHWL	"
3251	Top of white 3 ft. diameter granite boulder at MHWL	"
3256	East gable of 2 story red house with white trim (Station on same house as 4379)	"
4125	Top of black rock off SE side of Babbidge Island	6890
4371	Top of large black rock on west side of cove. Largest on west side.	7265
4373	West tip of grass on prominent point.	"
4376	Base of lone spruce tree on point at south side of entrance to bight, 15 ft. tall.	"
4380	NE tip of ledge at HWL. Ledge is on south side of bight. There is break in ledge at this point. 10 ft. eel grass before ledge to north of signal.	"

Listed by Levy A. Senasack
Engineering Aid (Photo.)

Checked by Joseph W. Vonasek (29)
Photogrammetric Engineer

DESCRIPTION OF PHOTO HYDRO STATIONS
FOR
SURVEY NO. T-8032

8032

Signal No.	Description of Signal Site	Photo. No.
3201	SW gable of a one and one half story yellow house with white trim and shingle roof about 70 meters south of MHWL.	7266
3202	NW corner of west cribbing at MHWL at head of small cove.	"
3203	A 3 ft. diameter white granite boulder on extreme tip of point.	"
3205	Prominent tip of grass at top of ledge immediately N of a bushy clump of alders at the MHWL.	7266
3208	Tip of grass on prominent ledge.	7318
3209	Highest part of razor back ledge north of point, 12 meters S of MHWL	7318
3210	Highest point on ledge at west end of long gravel beach.	6903
3213	East gable of gray barn set on grassy slope.	"
3214	Tip of grass on east side of entrance to small pond	"
3216	The highest part of the easternmost group of ledges closest to Burnt Island and has tuft of grass on top.	"
3217	Tip of grass on prominent point at top of ledge eight meters north of bushy 6 ft. spruce tree.	"
3218	A lone 12 ft. spruce at edge of grassline 10 meters inshore from MHWL and at back part of a sharp projecting rock outcropping.	"
3219	Tip of jagged projecting ledge at MHWL at west end of gravel beach.	"
3220	East tip of grass north of dead spruce tree and on top of ledge.	"
3221	SE tip of grass on most southerly island east of Oak Hill	"
3223	E gable of small shack on gravel beach and partly obscured by two low bushes.	"

8032

Signal No.	Description of Signal Site	Photo. No.
3224	East tip of grass on point north of a two story gray dwelling.	6903
3225	East gable of white 1-story cottage with steps on SE corner	"
3227	Forked spruce on island south of stone remains.	"
3228	A razor back brown topped rock 18 meters out from MHWL, isolated.	6902
3229	Top of ragged topped ledge at edge of brush line 9 meters from MHWL	"
3230	A 4 ft. diameter white granite boulder awash at MHW in middle of long gravel beach 2 meters out from MHWL	"
3231	The highest part of round topped ledge at NW end of gravel beach.	"
3232	West tip of grass on island.	"
3234	SE tip of grass on top of ledge on point.	6890
3235	Top of pinnacle offshore ledge with grassy top.	6902
3236	West end of high part of stone wall across south end of small clearing.	"
3237	A lone 8 ft. spruce tree 15 meters back from MHWL on edge of beach at head of Mullen Cove.	"
3238	Highest part of grass covered offshore ledge at NE end.	6901
3240	Highest part of highest ledge between North Haven Island and Burnt Island.	6901
3241	Dome shaped ledge with two cracks across top.	"
3242	A gray moss covered rock on the west side of small point 4 m. from the grassline and a slump of spruce trees 1 meters in from MHWL.	"
3243	Tip of brush on point.	"
3245	Tip of ledge on NE tip of island.	7266
3247	Dead tree on point leaning out to water and east of fence.	"
3248	A spruce at head of inlet on 6 ft. ledge east of large group of spruces.	"

8132

Signal No.	Description of Signal Site	Photo. No.
3250	Flat white granite boulder on south side of tip of point.	7266
3252	A 10 ft. spruce on grassy slope at edge of low brush blazed on seaward side.	"
3253	Spruce tree on point blown over with roots exposed.	"
3254	Center of white ledge on point.	"
3255	Spruce at edge of grassy slope 3 meters from MHWL. Top is dying.	"
3257	NE tip of projecting ledge at MHWL with low brush on inshore side.	"
3258	SE tip of brush and dwarf scrub spruce on east end of Burnt Island.	6890
3259	A 3 ft. diameter white granite boulder on point.	"
3260	A spruce blazed on south side on west end of gravel beach.	"
3261	SW gable of gray cottage on point with green roof.	"
3262	Grass patch on ledge, most west ledge on point	"
3263	West tip of low brush on NW point	6901
3264	The highest part on most easterly ledge of small island.	"
3265	Highest part of most northerly ledge NE of buildings.	"
3266	Highest part of detached ledge with sparse grass on top.	"
3268	Sharpt, abrupt point of ledge with moss on SE side.	"
3269	Highest part of ledge on NW side.	"
3270	Shortest spruce on ledge.	"
3271	Highest part of rounded ledge west of old stump and has dwarf brush on top.	"
3273	South end of green 3 ft. high brush 15 meters back of MHWL at head of cove.	"
3274	East gable of green cottage, with trim, gray roof.	"
3275	Spruce tree on south side of 10 ft. grassy bank; only one in area.	"

Signal Description of signal site.
No.

Photo.
No.

3276 The most northeasterly 3 ft. diameter white granite boulder at edge of grass. 6901

3277 A large granite boulder on beach awash at MHW, 4 meters off-shore from MHWL. "

3279 Center of grass on high grassy ledge on small island. "

3280 The highest part of black offshore ledge. "

3281 The west tip of ledge west of branchy two limb hardwood tree. "

3282 West gable of old barn in ill repair "

3283 East gable of the lower section of white house. "

3284 The highest part at the most westerly of two black ledges. "

3285 A lone 5 ft. spruce in top center of gray ledge at grassline. "

3286 The highest part of isolated black ledge at head of inlet. "

3287 Center of low bushes on grassy point. "

3288 Most NE part of moss covered ledge on point. "

3289 Top of reddish colored flat ledge on SE side SW point of Stimpson Island. 6900

3290 Highest part of dome shaped ledge to southwest of large crack in rocks. 6900

3291 A lone spruce in center of small clearing at back side of gravel beach and at grassline. 6900

3292 Highest part of reddish round topped ledge that projects out into water. 6890

3293 Highest part of brown moss covered ledge that projects out into water. 6890

3294 A lone 12 ft. spruce at west end of stone beach and at bottom of grassy slope. "

3295 Highest part of gray ledge south of two small spruce trees in ledge. "

8032

Signal No.	Description of Signal Site	Photo. No.
3296	East tip of high ledge on point.	6890
3298	Highest tip of brown ledge nearest large white birch tree.	"
3299	Tip of grass on point with several forked birch trees in vicinity.	"
32100	The highest part of gray topped brown ledge on point on SW side of small indentation in shoreline.	6891
32101	North gable of 1½ story white dwelling with a lower section ^{on} east side and chimney on each.	"
32102	West tip of grass on point.	"
32104	Station is junction of long narrow ledge and low juniper patch on point.	6901
32105	The largest, bushy dwarfed spruce tree on NE tip of small island.	6900
3596	Highest part of ledge on prominent point. West of yellow house on east side of bight. Has grass on it.	"
3598	West tip of ledge on point. Point east of GABLE, 1943. Ledge is covered with seaweed.	6900
3599	NE corner of NE'ly granite abutment. There are two, 6 ft. apart.	"
3601	Base of lone spruce tree near center of Birch Island 10 ft. tall, in grassland.	"
3602	Top of large offshore ledge. Has grass on it. It is highest offshore ledge on east side of north end of Calderwood Neck.	"
3603	Top of light colored boulder. Has very light top and light brown sides. SW from Birch Island. Sits on ledge.	"
3604	NE corner of pier on west side of Widow Island. On sand beach.	"
3605	SW tip of grass on Widow Island.	"
3606	NE tip of grass on Widow Island.	6980

8032

Signal No.	Description of Signal Site	Photo. No.
4126	Base of 3 ft. lone spruce tree on ledge on NE side of Babbidge Island.	6890
4127	NW tip of grass on ledge. It is on point. Most westerly of forked ledges. Sand beach NW from it.	"
4128	Base of 6 ft. lone spruce tree in grassland, 8 meters from gravel beach. It is east from small rocky point which divides gravel beach.	"
4129	SW end of stone breakwater on west side of Babbidge Island.	"
4130	Top center of flat-like offshore ledge off west end of Babbidge Island.	"
4131	SE tip of grass on largest offshore ledge. Has gravel beach west side.	"
4132	Top center of offshore ledge nearest east side of Calderwood Island. Has moss on it.	"
4133	Base of 2 ft. spruce tree at south end of small ledge on shoreline 6 meters west from NWL on east side of island.	"
4134	Base of 3 ft. lone spruce tree on ledge on east side of island. Ledge is at north end of small gravel beach.	"
4135	Base of smallest, most northerly of two spruce trees on NE end of Calderwood Island. It is 10 ft. tall. Other tree is about same height, but has thicker trunk.	"
4136	Base of 3 ft. spruce tree on small rock at shoreline on north side of Calderwood Island. Highest hill on island to southwest of it.	"
4137	Top of round-like boulder in grassland on west side of island. It is gray color. High grassy hill to east of it.	"
4138	Top of offshore ledge west of Calderwood Island. North part of ledge. It is not very large.	"
4139	Base of lone spruce tree on largest offshore ledge north of Calderwood Island.	"

Signal No.	Description of Signal Site	Photo. No.
4140	Top of light colored boulder on north side of island, east side of point.	6890
4141	Center of juniper patch on NW side of Calderwood Island. On ledge at end of prominent point.	"
4142	Top of dark colored boulder on west side of island. On edge of ledge at grassline.	"
4143	Top of large rock on SW end of Calderwood Island.	"
4144	Top of small offshore rock SE of east end of small island at SW end of Calderwood Island.	"
4145	Top of gray boulder on SE side of Calderwood Island. In center of small gravel beach.	6890
4184	Base of 20 ft. lone spruce tree on rocky point on east side of Burnt Island.	6903
4186	Base of 10 ft. lone spruce tree on point at grassline. It is east of small gravel beach.	6903
4187	Center of grass patch on Dagger Ledge	"
4188	Base of lone spruce tree on north side of Dagger Island. Only spruce on north side.	"
4189	Top of brown colored ledge (south end) at west end of Dagger Island. Small brown offshore rock west of it.	"
4190	Top of ledge at top of Downfall Island.	"
4191	Top of light colored rock on top of east end of Dagger Island.	6903
4192	Top of offshore ledge off west end of Sheep Island.	6889
4193	Stump at north end of cut in trees on north side of Sheet Island. Stump is 1 ft. tall. Another stump 3 ft. west of it.	"
4194	Base of 6 ft. lone spruce tree on point on east side of Sheep Island.	"
4195	Top of largest ledge on south side of Sheep Island.	6889
4196	Base of 15 ft. lone bushy spruce tree at grassline on southeast side of Babbidge Island. Small gravel beach north of it.	6890
4197	Highest part of west end of Babbidge Island Ledge.	6890

8032

8032

Signal No.	Description of Signal Site	Photo. No.
4198	Base of easterly of two spruce trees, 8 ft. tall. There is a large boulder at south end of it.	6890
4199	Highest part of highest of Babbidge Island Ledges.	"
4200	Top of ledge (southeast end of northerly ledge) on point at southwest tip of Babbidge Island.	"
4201	Highest part of Black Ledge.	6890
4370	Top of large offshore rock off point.	7265
4372	Top of largest of two light colored rocks at head of cove.	6900 & 7265
4375	SE corner of pier. House at north end of pier. Is grey with brown trim.	7265
4377	NE corner of pier on south side of bight	"
4381	NE tip of grass on prominent point. Point is south of bight.	"
4382	Top of largest rock off point. Has one crack on east side of it.	7265
4383	Top of rock at NW end of Waterman Cove. At south side of entrance to small cove.	7265
4384	South end of stone fence.	"
4385	Base of 25 ft. spruce tree. It is sort of old. Hasn't many limbs. Most westerly tree on point.	"
4386	Base of a 10 ft. spruce tree at grassline near edge of ledge.	"
4387	Base of a 5 ft. spruce tree at edge of a perpendicular bank. A 20 ft. spruce tree 20 ft. SE of it.	"
4388	South tip of grass on prominent point.	"
4390	Base of lone birch tree. It is high limbed, 6 ft. from grassline in large open field.	"
4391	Top of highest of group of black rocks NW of gravel beach. It is highest on south end.	"

Signal Description of Signal Site
No.

Photo.
No.

The following signal sites were rejected

3212	Large 6 ft. in diameter flat top boulder on NW side of Webster Head at MHWL.	6903
3222	North tip of grass on most southerly island east of Oak Hill	6903
3244	West tip of ledge on small island at MHWL	7266
3249	SW tip of grass on point 3 meters from MHWL	"
3251	Top of white 3 ft. diameter granite boulder at MHWL	"
3256	East gable of 2 story red house with white trim (Station on same house as 4379)	"
4125	Top of black rock off SE side of Babbidge Island	6890
4371	Top of large black rock on west side of cove. Largest on west side.	7265
4373	West tip of grass on prominent point.	"
4376	Base of lone spruce tree on point at south side of entrance to bight, 15 ft. tall.	"
4380	NE tip of ledge at HWL. Ledge is on south side of bight. There is break in ledge at this point. 10 ft. eel grass before ledge to north of signal.	"

Listed by Levy A. Senasack
Engineering Aid (Photo.)

Checked by Joseph W. Vonasek *reg.*
Photogrammetric Engineer

GEOGRAPHIC NAMES

Undisputed

- Babbidge Island ✓
- Babbidge Island Ledges ✓
- * • Banks Cove ✓
- Birch Island ✓
- Black Ledge ✓
- ** ~~Bradstreet Rock~~
- Burnt Island (n.e. of Oak Hill) ✓
- Burnt Island (s. of Mullen Head) ✓
- Calderwood Island ✓
- ~~Calderwood Point Neck~~ ?
- Channel Rock ✓
- Cubby Hole ✓
- Dagger Island ✓
- Dagger Ledge ✓
- ** ~~Dobbin Rock~~
- Downfall Island ✓
- Fish Point ✓
- ** ~~Fish Point Ledge~~
- Fox Islands Thorofare ✓
- Fresh Pond ✓
- Goose Rocks ✓
- Hog Island ✓
- Indian Point ✓
- Iron Point ✓
- Kent Cove ✓
- ** ~~Kent Ledge~~
- Little Thorofare ✓
- * • Marsh Cove ✓
- Mullen Cove ✓
- Mullen Head ✓
- North Haven ✓
- North Haven Island ✓
- Oak Hill ✓
- Sheep Island ✓
- ** ~~Stimpsons Rock~~
- ** ~~Sunken Black Ledge~~
- Waterman Cove ✓
- ** ~~Waterman Ledge~~
- Webster Head ✓
- Widow Island ✓
- Zeke Point ✓
- Maine* (for title)
- Knox County (..)
- East Penobscot Bay ✓
- Pulpit Harbor
- Southern Harbor

* Name appears on the U.S.G.S. Vinalhaven quadrangle only

** These names do not appear on the manuscript because the features to which they apply could not be identified.

GEOGRAPHIC NAMES

DISPUTED

Chart No. 235, 309, 310

U.S.G.S. Vinalhaven
quadrangle

, • Stimpsons Island* ✓
• Downfall Island ✓

~~Stimpson Island~~
~~The Downfall~~

Chart No. 235

U.S.G.S. Vinalhaven
quadrangle and
Chart No. 310

• Calderwood Neck ✓

~~Calderwood Point.~~

* = Decision of B.G.N.

• = Approved name.

9-17-48

a. j. w.

September 17, 1948

Division of Photogrammetry
Review Report of
Shoreline Map Manuscript T-8032

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

28. Delineation:

The small islands outside the northern limits of T-8032 were transferred to map manuscript T-8033 and removed from map manuscript T-8032.

Substitute station symbols were also removed from the map manuscript.

32. Details Offshore from the Mean High Water Line:

The shoal lines, originally shown on the map manuscript, were deleted. No basis for their accurate determination is available as the limits of shoal areas are not evident on the photographs.

The shoal area south of North Haven, ^{was} applied from field inspection data.

35. Hydrographic Control:

^{radially plotted}
The position of photo-hydro station No. 32104 was relocated. The error in position was just under 0.5 mm.

43. Comparison with Previous Surveys:

T-1072	1:10,000	1867
T-1075	1:10,000	1867
T-1350a	1:10,000	1873-74

^{in common areas}
Common features on these surveys are superseded by the map manuscript.

44. Comparison with Existing Topographic Quadrangles:

Vinalhaven, Me., U.S.G.S., 1:62,500, 1941

45. Comparison with Nautical Charts:

Chart No. 235	1:20,000	7/26/48
Chart No. 309	1:40,000	10/6/47
Chart No. 310	1:40,000	11/17/47

51. Application to Nautical Charts:

This map manuscript has not been applied to charts 235, 309 and 310.

Reviewed by:

K. N. Maki

K. N. Maki

9 September 1948

Approved by:

S. V. Griffith

S. V. Griffith

Chief, Review Section *K.N.M.*

H. C. Munster

Chief, Nautical Chart Branch
Division of Charts

K. T. Adams

Chief, Div. of Photogrammetry

W. M. Scife

Chief, Div. of Coastal Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. T8032

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.