

# 8024

Diag'd. on Diag. Ch. No. 1203

Form 504

## U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

### DESCRIPTIVE REPORT

Type of Survey Planimetric Air Photographic

Field No. CS-272-D Office No. T-8024

#### LOCALITY

State Maine

General locality West Penobscot Bay

Locality Laireys Island - Stand-in Point

1941-'43

CHIEF OF PARTY

H.O. Fortin

LIBRARY & ARCHIVES

DATE Sept. 12, 1949

B-1870-1 (1)

# 8024

## DATA RECORD

Form T-1

T- 8024

Quadrangle (II): ~~Vinalhaven, Maine 15'~~ (U.S.G.S.) Project No. (II): C.S. 272-D  
~~East Central Portion~~

Field Office:  
Air Photographic Party No. 2

Chief of Party: ~~Fred. L. Peacock~~ Henry O. Fortin

Compilation Office:  
Baltimore, Maryland

Chief of Party: Fred. L. Peacock

Instructions dated (II III):  
April 1, 1942

Copy filed in <sup>Division of</sup> ~~Descriptive~~  
~~Report No. T~~ <sup>(VI)</sup>  
Photogrammetry Office Files.

Supplemental Instructions dated April 20, 1943

Completed survey received in office;

Reported to Nautical Chart Section;

Reviewed: 31 Jan 46

Applied to chart No. 235

Date: 4/5/48

Redrafting Completed;

Registered: 24 Aug 49

Published:

Compilation Scale: 1:9700

Published Scale:

Scale Factor (III): 1.0309

Geographic Datum (III): N. A. 1927 ✓

Datum Plane (III): <sup>M.H.W.</sup> ~~Mean Sea Level~~

Reference Station (III): FOX ROCKS, 1858, ~~r. 1934, r. 1943~~

Lat.: 44° 06' 27.674" <sup>3</sup> (854.1m) ~~(854.2m)~~ Long.: 68° 52' 43.324" <sup>3</sup> (963.5m) ~~(963.5m)~~ Adjusted ✓  
~~Unadjusted~~

State Plane Coordinates (VI): Maine East Zone

X = 400,534.94 ft.

Y = 100,230.34 ft.

~~Military Grid Zone (VI)~~



PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
7313-7317 Incl.	10/22/41	10:17 A.M.	1:10,000	10.8' above <del>M.H.W.</del> <i>MLW</i>
7263-7265 Incl.	10/21/41	11:20 A.M.	1:10,000	11.6' above <del>M.H.W.</del>
7271	10/21/41	11:35 A.M.	1:10,000	11.2' above <del>M.H.W.</del>
7260	10/21/41	11:20 A.M.	1:10,000	11.6' above <del>M.H.W.</del>
7259	10/21/41	11:20 A.M.	1:10,000	11.6' above <del>M.H.W.</del>

Tide from (III): Tide from predicted tables - reference station Portland, Me.,  
with correction for Iron Point, North Haven Island

Mean Range: 9.5' Spring Range: 10.8'

Camera: (Kind or source) U. S. Coast & Geodetic Survey nine lens camera  
(focal length 8 $\frac{1}{2}$ " )

Field Inspection by: Lt. Comdr. H. O. Fortin date: Sept. & Oct. 1943  
(See field inspection report previously submitted) *filed in # Division*

*of photogrammetry.*  
Field Edit by:

date:

Date of Mean High-Water Line Location (III): Same as date of field inspection

Projection and Grids ruled by (III) B.R.C.-J.T.B.-P.J.H. date: 2/3/44

" " " 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: W. E. Schmidt date: May 1944

Detailed by: Mildred M. Trautman (shore line) date: 7/14/44 to 8/14/44

Reviewed in compilation office by: Henry P. Eichert date: 8/8/44 to 8/14/44

*Manuscript*  
Elevations on ~~Field Edit Sheet~~  
checked by: *Not applicable*

date:

STATISTICS (III)

Land Area (Sq. Statute Miles): 6

Shoreline (More than 200 meters to opposite shore): 20 Statute Miles

Shoreline (Less than 200 meters to opposite shore): 6 Statute Miles

Number of Recoverable Topographic Stations established: 10

Including one (1) landmark and three (3) fixed aids to navigation

Number of Temporary Hydrographic Stations located by radial plot: 217

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 Inspection Report

The field inspection for the area of T-8024 is included in the 1943 Seasons Report on Field Inspection of Air Photographs from Longitude  $69^{\circ} 30'$  Northeastward to Latitude  $44^{\circ} 15'$  by Henry O. Fortin.

*Filed in  
Div. of Photogrammetry  
General Files.*

26 CONTROL:

Six U. S. Coast & Geodetic Survey Triangulation Stations were recovered and identified on the 1:10,000 field inspection photographs by the Field Inspection Unit, all of which fall within the limits of this Map Drawing. They are:

- FOX ROCKS 1858, r.1934, r.1943
- BASIN 1868, r.1943
- LEADBETTERS ISLAND 1868, r.1943
- BROWNS HEAD L. H. 1859, r.1934, r.1943
- DOG FISH BEACON 1934, r.1943
- FIDDLERS LEDGE STONE BEACON 1934, r.1943

The Field Inspection Unit established field inspection stations at well defined points near two of the above stations. They are:

BASIN 1868, r.1943 (F.I.P. BAS)  
LEADBETTERS ISLAND 1868, r.1943 (F.I.P. BET. and  
F.I.P. LEAD)

The field inspection stations are shown on the Map Drawing with a small square in black acid ink.

All of the above triangulation stations were used for the establishment of photograph centers, secondary control points, detail points, recoverable topographic stations, and temporary hydrographic stations.

27 RADIAL PLOT:

An individual radial plot was laid for the area of Map Drawing Survey No. T-8024. No celluloid templates were used, the photographs being oriented directly under the Map Drawing Projection. The results obtained were satisfactory.

The facts pertaining to the plot have been fully described in the report on the individual radial plots for the areas of Surveys Nos. T-8022 to T-8025, (Inclusive) and T-8030 to T-8033, (Inclusive), contained in the appendix of the descriptive report for the Map



27 RADIAL PLOT: (Continued)

Drawing Survey No. T-8030, which was submitted to the Washington Office on July 26, 1944

28 DETAILING:

The shore line and adjacent detail, which lie within the limits of this Map Drawing, have been detailed in accordance with the Director's letters dated April 1, 1942 and April 20, 1943, pertaining to this Project No. C.S. 272.

The field inspection data as furnished on the nine lens 1:10,000 field inspection photographs, was in general, complete and satisfactory except that the southwestern extremity of North Haven Island was not field inspected by the Field Inspection Unit by reason of close of field season. The Mean High-Water Line was in most cases, detailed directly from the field inspection photographs by transferring detail control points to them.

The shore line of that part of North Haven Island included on this Map Drawing was located by careful examination under the stereoscope. The tide of the photographs used was near Mean High-Water. This facilitated the delineation of the Mean High-Water Line. On the eastern side of the peninsula, well defined points were chosen and established by radial intersections for temporary hydrographic control. The descriptions of these are being submitted with those selected by the Field Inspection Unit for the area of this Map Drawing. Culture adjacent to the shoreline was shown by the appropriate conventional symbols, after comparison with classified areas of similar appearance. It is believed that additional field inspection is unnecessary in this area.

In several places the Mean High-Water Line, as delineated by the Field Inspection Unit, appeared to be offshore. After careful examination of all the photographs in the area, and by use of the stereoscope,

28 DETAILING: (Continued)

the compiler was unable to definitely determine the location of the Mean High-Water Line in these places. It was therefore detailed as delineated by the Field Inspection Unit on the field inspection photographs. Appropriate notes are shown on the Map Drawing calling attention to the portions of the Mean High-Water Line which may be in doubt.

See  
Review  
Report

The photographs covering the area of this Map Drawing were sufficient for detailing and their scale was near that of the Map Drawing.

All roads and houses adjacent to the shoreline have been detailed. The conventional bluff symbol has been shown where such is indicated on the field inspection photographs. All information regarding bluffs and rocks, etc., has been transferred to the Map Drawing.

29 SUPPLEMENTAL DATA:

No supplemental data, pertaining to this Map Drawing, was furnished the Compilation Office.

30 MEAN HIGH-WATER LINE:

The Mean High-Water Line (firm ground) is shown with a full, heavy black acid ink line. The outer limits of marsh areas at Mean High-Water have been detailed with a full, light, black acid ink line.

The photographs were taken near Mean High-Water. This facilitated the location of the Mean High-Water Line in the area not included in the field inspection data.

31 LOW-WATER AND SHOAL LINES:

No Mean Low-Water Line was indicated by the Field Inspection Unit nor was visible on the nine lens office photographs. Therefore, none appears on this Map Drawing.



31 LOW-WATER AND SHOAL LINES: (Continued)

The approximate limits of shoal areas were indicated on the field inspection photographs and were detailed on the Map Drawing with a light, dashed, black acid ink line.

32 DETAILS OFFSHORE FROM THE HIGH-WATER LINE:

Rocks, reefs, and other offshore details indicated by the field inspection data, have been shown on the Map Drawing with the conventional symbols and with accompanying descriptive notes.

The extent that rocks bare at Mean High-Water has been shown according to the field inspection data.

33 WHARVES AND SHORELINE STRUCTURES:

All shoreline structures, including piers, retaining walls and marine railways, have been detailed according to the field inspection data. They have been shown with the conventional symbols and accompanied by descriptive notes.

34 LANDMARKS AND AIDS TO NAVIGATION:

The object, "WHITE WATER TANK," is recommended by the Field Inspection Unit as a landmark for charting, within the area of this Map Drawing. Form No. 567 is being submitted for it.

The following fixed aids to navigation, which are charted, fall within the limits of this Map Drawing:

FOXES EARS BEACON  
DRUNKARD LEDGE BEACON  
YOUNG POINT BEACON  
BROWNS HEAD F. W. 2 R. Sectors (also triangulation  
Station BROWNS HEAD L.H., 1859, r.1943)  
FIDDLER LEDGE BEACON (also triangulation station  
FIDDLERS LEDGE STONE BEACON, 1934, r.1943)  
DOGFISH LEDGE BEACON (also triangulation station  
DOG FISH BEACON, 1934, r.1943)

*Filed in Naut. Chb.  
Ch. Letter  
592-44*

34 LANDMARKS AND AIDS TO NAVIGATION: (Continued)

Form 567 is being submitted for the radially plotted positions of the three fixed aids to navigation which are not triangulation stations.

35 HYDROGRAPHIC CONTROL:

The Compilation Office was furnished the identification of 202 temporary hydrographic stations and 10 recoverable topographic stations. These stations were identified on the 1:10,000 field inspection photographs by numbers and their descriptions were listed in sketchbooks, Form No. 274. In addition, the Compilation Office selected fifteen (15) temporary hydrographic stations along the southeastern shore of North Haven Island which were not included in the survey of the Field Inspection Unit.

In accordance with the Director's letter dated September 6, 1943 and accompanying data on a section of Chart No. 1203, no closely spaced hydrographic stations were selected along the opposite shore of that part of North Haven Island which falls on this Map Drawing.

All stations were established by radial intersections and are shown by 2.5 mm. circles in black acid ink on the Map Drawing and accompanied by their numbers only. A list of descriptions is attached to this descriptive report.

Two additional copies of the list are being submitted for possible use of Hydrographic Parties.

Form 524 is being submitted for the following 10 recoverable topographic stations:

- FOXES EARS BEACON ✓
- DRUNKARD LEDGE BEACON ✓
- YOUNG POINT BEACON ✓
- WEST GABLE WHITE HOUSE ✓
- SOUTH GABLE WHITE HOUSE ✓



35 HYDROGRAPHIC CONTROL: (Continued)

- CHIMNEY ON LOG CABIN ✓
- NORTH GABLE GREEN AND WHITE HOUSE ✓
- WEST GABLE LARGE WHITE HOUSE
- WHITE WATER TANK ✓
- SOUTHWEST GABLE LARGE WHITE HOUSE ✓

36 LANDING FIELDS AND AERONAUTICAL AIDS:

There are no landing fields or aeronautical aids within the area covered by this Map Drawing.

37 JUNCTIONS:

A complete and satisfactory junction has been made to the North with Map Drawing, Survey No. T-8023.

A complete and satisfactory junction has been made to the East with Map Drawing, Survey No. T-8031.

A complete and satisfactory junction has been made to the South with Map Drawing, Survey No. T-8025.

To the West is Map Drawing, Survey No. T-8009. Junction has been made with a cable area only, as there is no planimetry common to both surveys. *Cable area removed during review. K.H.M. 8/24/49*

38 GEOGRAPHIC NAMES: 814 ✓

The field Inspection Unit did not furnish the Compilation Office with a geographic names investigation. The geographic names appearing on this Map Drawing were compiled from the best known sources available to the Compilation Office. An alphabetical list of geographic names is being submitted with this descriptive report.

39 BRIDGES:

There is one foot bridge connecting Barton Island and Gundell Island. A descriptive note accompanies it on the Map Drawing.



40 CABLE CROSSING AREAS:

Three cable crossing areas have been shown on the Map Drawing with red acid ink. One is in Crockett Cove; one is between Wooster Cove and Owl's Head, and the other across Fox Island Thorofare. These cable crossing areas were transferred from Chart No. 310. They were detailed by means of the vertical projector.

*Removed*

41 RECOMMENDATIONS FOR FUTURE SURVEYS:

The shoreline, rough draft, Map Drawing, Survey No. T-8024, is believed to be complete in all details of importance for charting and no other surveys are deemed necessary.

42 HORIZONTAL ACCURACY:

The probable error in the relative positions of detail points, the Mean High-Water Line, and the well defined objects is believed to be within the limits of satisfactory accuracy.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

Due to scale difference, visual comparison only, could be conveniently made with the Vinalhaven, Maine (15') Quadrangle of the U. S. Geological Survey, scale 1:62,500, edition of 1944. Common topographic features were in generally good agreement.

45 COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with U. S. Coast & Geodetic Survey, Chart No. 310, scale 1:40,000, dated June 16, 1944. The vertical projector was used to enlarge the chart to a scale of 1:10,000. All common topographic features were in good agreement with the exception of the following:

The shoreline on the west shore of Vinalhaven Island, southeast of Hall Island, approximate Latitude  $44^{\circ} 04.9'$ , Longitude  $68^{\circ} 53.1'$ , extends about 70 meters farther west on the Map Drawing than on the chart.

(83)



45 COMPARISON WITH NAUTICAL CHARTS: (Continued)

On the Map Drawing, Hall Island is connected to the mainland by a narrow strip of land area. This island is entirely separated from the mainland on Chart No. 310.

Numerous offshore rocks, awash and submerged, neither identified on the field inspection photographs nor visible on the nine lens photographs, are shown on Chart No. 310. The approximate positions of these rocks were transferred to the Map Drawing and are shown with a light-weight, dashed black acid ink line, and noted for investigation by hydrographic parties.

Comparison was made with U. S. Coast & Geodetic Survey Chart No. 235, scale 1:20,000, dated April 13, 1944. The vertical projector was used to enlarge the chart to a scale of 1:10,000. Common planimetric details were in generally fair agreement. The following differences were noted:

The Mean High-Water Line on the northwest shore of North Haven Island, between Latitude  $44^{\circ} 07.3'$  and Latitude  $44^{\circ} 07.5'$ , is approximately 40 meters farther offshore than on the Map Drawing.

The Mean High-Water Line on the southeast shore of North Haven Island from Latitude  $44^{\circ} 06.7'$  to Latitude  $44^{\circ} 07.3'$ , is a maximum of 25 meters farther inshore than on the Map Drawing.

At the southern extremity of North Haven Island, between Longitude  $68^{\circ} 56.3'$  and Longitude  $68^{\circ} 56.6'$ , the Mean High-Water Line is approximately 30 meters farther inshore than on the Map Drawing.

The Mean High-Water Line on the west shore of Winalhaven Island is in disagreement in several places. They are as follows:

Between Latitude  $44^{\circ} 07.1'$  and Latitude  $44^{\circ} 07.2'$ , the Mean High-Water Line is about 20 meters farther offshore than on the Map Drawing.

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45 COMPARISON WITH NAUTICAL CHARTS: (Continued)

At Latitude  $44^{\circ} 06.9'$  the Mean High-Water Line is about 20 meters farther offshore than on the Map Drawing.

In a small cove approximately Latitude  $44^{\circ} 06.35'$  the Mean High-Water Line is about 40 meters farther inshore than on the Map Drawing.

As on Chart No. 310, Hall Island is separated from the mainland. It also is smaller than on the Map Drawing; the Mean High-Water Line is about 20 meters farther inshore.

*See Review Report*

The Mean High-Water Line around Crockett Point, between Longitude  $68^{\circ} 54.3'$  and Longitude  $68^{\circ} 54.8'$  is about 25 meters farther inshore than on the Map Drawing.

In Crockett Cove, at Latitude  $44^{\circ} 06.35'$ , and between Longitudes  $68^{\circ} 53.8'$  and  $68^{\circ} 54.0'$ , the Mean High-Water Line is about 20 meters farther inshore than on the Map Drawing.

On the northern shore of Leadbetter Narrows, between Longitudes  $68^{\circ} 53.8'$  and  $68^{\circ} 54.4'$ , the Mean High-Water Line is approximately 15 meters farther inshore than on the Map Drawing.

The Mean High-Water Line in a cove east of Hall Island, at approximate Latitude  $44^{\circ} 05.3'$ , is in disagreement a maximum of 35 meters. The Mean High-Water Line on the Chart is shown farther inshore than on the Map Drawing.

A piece of the Mean High-Water Line southeast of Hall Island, approximately at Latitude  $44^{\circ} 04.9'$ , Longitude  $68^{\circ} 53.1'$ , is about 60 meters farther inshore than on the Map Drawing.

Along Conway Shore, between Latitudes  $44^{\circ} 04.4'$  and  $44^{\circ} 04.5'$ , the Mean High-Water Line is about 15 meters further inshore than on the Map Drawing.



45 COMPARISON WITH NAUTICAL CHARTS: (Continued)

The Mean High-Water Line on the west shore of Barton Island is in disagreement at the following places:

At Latitude  $44^{\circ} 04.3'$  and between Longitudes  $68^{\circ} 52.6'$  and  $68^{\circ} 52.7'$ , the Mean High-Water Line is approximately 15 meters farther inshore than on the Map Drawing.

At Latitude  $44^{\circ} 04.25'$  and between Longitudes  $68^{\circ} 52.6'$  and  $68^{\circ} 52.8'$ , the Mean High-Water Line is about 15 meters farther offshore than on the Map Drawing.

The Mean High-Water Line on both the east and west shores of Dogfish Island is approximately 20 meters farther inshore than on the Map Drawing.

The Mean High-Water Line of the south shore of a small island south of Hall Island, approximately at Latitude  $44^{\circ} 05.0'$ , Longitude  $68^{\circ} 53.4'$ , is about 25 meters farther inshore than on the Map Drawing.

The Mean High-Water Line on the south shore of Narvo Island is approximately 20 meters farther inshore than on the Map Drawing.

An island north of Narvo Island, approximately at Latitude  $44^{\circ} 04.45'$ , Longitude  $68^{\circ} 53.4'$ , is considerably smaller on the Chart than on the Map Drawing. The Mean High-Water Line is a maximum of 40 meters farther inshore than on the Map Drawing.

An island to the northeast of Narvo Island, approximately at Latitude  $44^{\circ} 04.3'$ , Longitude  $68^{\circ} 53.0'$ , is considerably smaller on the Chart than on the Map Drawing. The Mean High-Water Line is about 45 meters farther inshore than on the Map Drawing.

45 COMPARISON WITH NAUTICAL CHARTS: (Continued)

Green Island is much smaller on the Chart than on the Map Drawing. The Mean High-Water Line of the south shore is approximately 35 meters farther inshore than on the Map Drawing.

An island between Green Island and Leadbetter Island, approximately at Latitude  $44^{\circ} 04.5'$ , Longitude  $68^{\circ} 54.5'$ , is much smaller on the Chart. The Mean High-Water Line is about 35 meters farther inshore than on the Map Drawing.

Along the south shore of Leadbetter Island, from Longitude  $68^{\circ} 53.7'$  to Longitude  $68^{\circ} 54.5'$ , the Mean High-Water Line is an average of 25 meters farther inshore than on the Map Drawing.

The discrepancies listed above are those considered of most importance. There were other minor discrepancies in the Mean High-Water Line too numerous for listing.



Respectfully submitted  
August 14, 1944

Mildred M. Trautman  
Mildred M. Trautman  
Ass't. Photogrammetric Aid

Compilation and Descriptive  
Report, Reviewed by:

Henry P. Eichert  
Henry P. Eichert  
Jr. Photogrammetric Engineer

Compilation of Map Drawing  
Supervised by:

J. Edward Deal, Jr.  
J. Edward Deal, Jr.  
Asst. Photogrammetric Engineer

Approved and Forwarded:  
August 18, 1944

Fred. L. Peacock  
Fred. L. Peacock  
Chief, Air Photographic Party No. 2

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# HYDROGRAPHIC SIGNALS

- 1 Offshore tip of rock
- 2 Small rock just offshore
- 3 Center rock tip
- 4 North end of rock tip
- 5 Very small rock just offshore
- 6 North end of point
- 7 Very small rock just offshore
- 8 Very small rock just offshore
- 9 Northeast end of long pier
- 10 Northeast corner of offshore rock
- 11 Base of tree in clearing with several scattered trees near water's edge.
- 12 East end of small rock projecting from shoreline
- 13 Northeast tip of rock
- 14 Southwest tip of grass
- 15 Most southerly tip of land at Crabtree Point



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#### HYDROGRAPHIC STATIONS

- 3175 Top of large rock on west side ledge on north-west side of Lairey Island. Largest rock on ledge.
- 3176 Center of small patch of vegetation on west side of Lairey Island. Two spruce trees south of patch. On side of high cliff.
- 3177 Top of largest rock on southwest side of Lairey Island. Has cuplike depression on top of it.
- 3179 Top of large boulder on sand beach on east side of Lairey Island. North side of cove. At grassline.
- 3180 Northwest corner of pier on west side of Cedar Island.
- 3219 East tip of grass on Green Ledge, east end.
- 3220 Southeast end of jagged ledge. Highest ledge on northwest end of Green Ledge.
- 3221 Top center of ledge between two crevices in ledge. (Medric Rock.)
- 3222 Top of rock northwest from Green Island.
- 3223 Southeast tip of grass on Green Island.
- 3224 Top center of High-Water rock northwest from Green Island.
- 3225 Top center of rock south of Dogfish Island.
- 3226 Base of southerly of group of 6' spruce trees on south end of Dogfish Island.

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- 3227 Top of ledge on west side south end of Dogfish Island. Comes into water more than any ledge on west side.
- 3228 Top of offshore rock in bight, north side of Island. It is east of a ledge that has spruce trees on it. Largest offshore rock in bight.
- 3229 Top center of rock northeast from Dogfish Island. It is highest of that bunch of rocks.
- 3230 Top of chimney on south end log cabin on northeast tip of Dogfish Island, northwest from stone pier. (also recoverable topographic station).
- 3231 Southeast corner of stone pier. It has pilings around it. Pier referred to in signal 3230
- 3232 Center of grass patch on ledge southwest of pier. Not offshore. Dark color. First brown colored ledge along shore from pier. (Dogfish Island).
- 3233 Top of ledge south of Dogfish Island. It is the only ledge that has grass as vegetation on it. North end.
- 3234 Base of most northwesterly tree on Leadbetter Island. Twenty-foot bushy spruce.
- 3235 Top of rock. It has jagged sides. Most jagged of bunch of rocks. There is a large rock in grass 50' north of it. White on south side.
- 3236 Base of 10' spruce tree. Most westerly of spruces on Leadbetter Island. In grass near point.
- 3237 Top center of rock on point. Has black streak 6" from top all along west side.
- 3238 Northwest gable of stone house. Skylight on northeast side. On island between Leadbetter and Green Islands. At north end.



- 3239 Highest part of ledge north of island and signal 3238. Fartherest offshore.
- 3240 Top of boulder on southwest side of island. It has small light rock at west tip of it. Almost under it and just southwest of grassline.
- 3241 Top of ledge east side northwest from Lairay Island. It is highest ledge in the group.
- 3242 Top of ledge north of Lairay Island. The highest part is much higher than rest of ledge. On south side.
- 3243 Top center of ledge on northeast side of Lairay Island. It drops off perpendicular. Other rock similar to it north from it.
- 3244 Top center of rock in bight behind ledge on east side of island. Largest rock in bight behind ledge. Two meters from ledge.
- 3245 Top center of highest rock on point that doesn't have grass on it. There are a lot of long grooves in top of rock.
- 3246 Southeast corner of wooden pier. Has flag pole at end of it. On Cedar Island.
- 3247 Top of chimney on log house in trees back of wharf in from signal 3246 (north section lazy "Z" shaped house.)
- 3248 Center of flat rock on ledge on southeast side of Cedar Island. It is east 2 meters of crack in ledge. At line where seaweed comes on ledge.
- 3252 Top of rock at northeast tip of island. Has flat top. Brown color.
- 3253 Base of 25' lone spruce tree on island on south end. Only one by itself of that height.

- 3254 Top of rock. It has black spot on top. 2' tall. On rocky shore.
- 3255 North tip of brush on island.
- 3256 Base of 20' lone spruce tree. Only spruce on east side of island.
- 3257 Top of rock on west side of island. It is in front of large ledge on top of island. Ledges on south side of it. .4' at base, 2' at top.
- 3258 Base of 7' spruce nearest point. The point has had a large piece of rock chipped out. About 12' straight from point.
- 3259 Base of 8' spruce tree on rounding point. It is in grassland behind dark colored rock on ledge.
- 3260 Top of ledge at southeast tip of island.
- 3261 Center of patch of weeds on ledge at northeast tip of island.
- 3262 South gable of white house on island. Has brick foundation. (also recoverable topographic station.)
- 3263 Top of ledge at northeast tip of island. Largest ledge on northwest end.
- 3264 Highest part of ledge. It is highest ledge of bunch of ledges.
- 3265 Highest part of offshore rock. Southeast end east of small island.
- 3266 Lone 8' bushy spruce tree on northwest side of island.
- 3271 Northeast corner of offshore granite wall.
- 3277 Top of light colored rock at east end of wooden bridge.



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- 3278 Top of small rock northeast of rock that has ring bolt in it. 1' tall. On point.
- 3279 Top of large boulder. It is 3' high. There is ledge north of it. It is largest of bunch of boulders.
- 3280 Top of rock at tip of ledge.
- 3281 Top of boulder in cove. Sets on ledge. Has two smaller rocks 1' on either side of it.
- 3282 Base of 45' fir tree on side of ledge. Live branches near top. Dead branches near bottom.
- 3283 North tip of ledge in shrubbery on grey ledge. Brown colored ledge in front of it.
- 3284 Top of large light colored boulder on north side of cove near head. It is largest on north side.
- 3285 Northwest tip of brush on ledge at head of cove. Is brown and black in color.
- 3286 Top of ledge on south side of cove near head. Has cracks all through it. Sea grass in back of it.
- 3287 North gable of highest section of green and white house on hill at entrance to long cove. (also recoverable topographic station.)
- 3288 Top of large boulder on rocky shore. There is high ledge 30 meters north of it.
- 3289 Top of reef across cove. Brown colored ledge in back of it.
- 3290 East tip of grass on offshore ledge. It has 4 or 5 small spruce trees on it.
- 3291 Top of southerly High-Water rock at north tip of long ledge. Ledge has trees on it.

- 3292 Top of largest rock on point. It is on south end of mouth of deep bight.
- 3293 Top center of rock. It is farthest from shore of string of rocks.
- 3294 Top of high ledge on south end of island. Highest ledge.
- 3295 Base of 15' spruce tree on northwest end of island. There are 3 spruces there. Smallest one is signal.
- 3296 Top of large boulder on reef near shore. It is dark brown on top; lighter color near bottom, 5' high. Tallest rock on reef.
- 3297 West gable of low section of plain house on hill in bight. Has 2 chimneys.
- 3298 Top of ledge at head of bight. It is brown ledge with white top.
- 3299 Top of highest rock on offshore ledge at mouth of bight. It has flat top.
- 3300 Southeast tip of brush on ledge in cove. It has white color 1' from top.
- 3301 Top of brown ledge on north side of cove. There is brown ledge 12 meters southwest of it.
- 3302 Base of 20' bushy spruce at head of cove. There is 40' spruce 15 meters south of it.
- 3303 East tip of ledge at High-Water. It is north of crevice in ledge. Another ledge on south side of crevice.
- 3304 Top of ledge on point. Has grass on it. South end of island.
- 3305 Northeast tip of ledge at High-Water. It starts down and then comes straight out into the water. Looks as though a piece has been chipped off.



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- 3306 Top of ledge. It has yellow on top. There is another ledge 6 meters south of it. It has dark color and white stripe on it.
- 3307 Northeast corner of an old granite pier. On east side of island.
- 3308 Base of group of bushes on south tip of ledge. It is low, flat ledge. 1 spruce tree on it.
- 3309 Highest part of ledge near northeast tip of island. It is about a perpendicular ledge.
- 3310 East gable of white house on northeast end of island. Has green trim. Two chimneys.
- 3311 North gable of boat house on north end of island. Has green door and red trim.
- 3312 Top of ledge on north end of island, west of crevice in ledge. There is a cottage on east side of crevice.
- 3313 Northwest tip of ledge at High-Water Line. It is a jagged ledge. On east end of sandy beach. Two or three small spruces on it.
- 3314 Base of 12' double spruce on rounding point at head of cove.
- 3315 Top of largest offshore ledge southwest side in cove.
- 3316 Southwest corner of retaining wall of pier on east side of cove. Partly wood.
- 3317 Top of rock on north end ledge. It is light brown color. Has iron pin in top of it. Crevice to east.
- 3318 Northwest gable of old barn 25 meters from shore. It has red front. Little shack in front of it.

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- 3319 Highest part of southeasterly section of offshore ledge. Middle ledge of group off point. Largest in area.
  - 3320 Top of offshore rock. Near head of cove. Is white 1' from top. Rest is brown. Ledge in back of it.
  - 3321 Top center of offshore rock, 35 meters from shore. In front of sand beach that has a lot of small rocks on it.
  - 3322 North tip of grass on ledge. One large patch of grass on it. It heads north from shore.
  - 3323 Northwest tip of grass on island. Small island west of Leadbetter Island. Group of spruces on it.
  - 3324 Highest part of offshore ledge. South-south-east of island that signal 3323 is on. It is middle of 3 rocks. Largest one.
  - 3325 Base of southernmost of group of spruces on ledge, 25' tall. There is another group to southeast.
  - 3386 Southwest tip of junipers on ledge. Largest ledge in bight.
  - 3388 Top of offshore rock. It is 8 m. offshore. Sloping ledge in back of it.
  - 3389 Top of offshore rock. First one on north side coming into northwest side of basin.
  - 3391 Northwest tip of brush on point.
  - 3392 Base of 30' spruce tree in bight. On side of ledge. It is highest tree on ledge. Crack in ledge in front of it.
  - 3393 Top of largest single rock in head of cove near east end 15' south of ledge.
  - 3394 Northeast corner of wooden pier on point.



- 3395 Northwest corner of granite pier. On north side before coming to entrance to "The Basin."
- 3397 Base of 40' dead tree on point. A dead stump at each end of it.
- 3398 Top of ledge. Low rocky beach at each side of it. Grass on ledge. Some small spruces.
- 3399 Base of 20' bushy spruce tree on grassland. Eight feet from grassline. In large field.
- 3400 Base of 20' bushy spruce 2' from grassline behind rocky beach. Only bushy lone spruce along beach.
- 3401 Top of flat offshore rock off point. High shore ledge in back of it. Brown colored.
- 3402 Highest part of middle ledge on point. There are three ledges. Two 2' boulders on it.
- 3403 Southeast gable of large two-story white house in bight. Has three chimneys. Highest section of house.
- 3404 Base of lone spruce tree on ledge. There are two small birch trees in front of it. Thirty feet tall.
- 3405 East tip of grass on ledge. There is a long streak of grass running north and south on ledge. Dark colored ledge. White house on hill north of it.
- 3406 Top of large offshore rock. There is 3' boulder at north end of it. Low ledge behind it.
- 3407 West corner of old granite retaining wall. No wood pilings on this part.
- 3408 Top of large offshore rock. It is largest of two rocks between mainland and small island.

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- 3409 Base of 20' lone spruce tree at northeast end of island.
- 3410 Northwest tip of grass on island. It is in front of high ledge.
- 3411 Base of most southeasterly spruce tree on island.
- 3412 Southwest corner of retaining wall.
- 3413 Top of large offshore rock. South from signal 3411. Has ring bolt in it. Largest offshore rock.
- 3414 Top of white boulder in field. On north side of bight.
- 3415 Top of large white rock on ledge in bight. Six feet long.
- 3416 North gable of plain house. Has blue trim.
- 3417 Top of large rock in center of entrance to "The Basin."
- 3418 Top of rounding ledge on west side of peninsula. West end.
- 3419 Southeast gable of boathouse in cove. Four windows in south side.
- 3420 Southeast tip of junipers between two huge ledges on west side of cove.
- 3421 Base of 12' lone spruce tree at southwest end of retaining wall.
- 3422 Center of junipers in side of ledge. There is flat rock and small rock on top of it two feet north of junipers.
- 3423 Top of highest ledge on point at north side of entrance to S. Gundell Island.
- 3424 West gable of white house. Has green trim. Most westerly one in cove.



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- 3425 West tip of round shaped ledge at High-Water Line. There is old barn on ledge north of it. Light color.
- 3426 West gable of white house at head of cove. (also recoverable topographic station.)
- 3427 West tip of light colored ledge at head of cove. Only light colored ledge at head of cove.
- 3428 Base of most southwesterly tree on Gundell Island.
- 4275 Base of westerly lone spruce tree on south side of cove. High cliff south of it.
- 4276 Base of 35' pine. Open place in trees north of it. Lots of dead trees in clearing.
- 4277 Base of tallest tree at head of bight. Thirty-five feet tall.
- 4278 Base of northerly spruce tree on rocky point, 5' tall. Small patch of sand south of rocky point.
- 4279 Base of 30' pine tree. Small spruce 10' southeast of it.
- 4280 Base of 12' spruce tree. Six foot spruce tree 6' east of it.
- 4281 Base of 6' lone spruce tree on rocky shore near head of cove.
- 4333 Top of small white boulder at head of cove.
- 4334 Top of prominent ledge on west side close to head of cove.
- 4335 Top of ledge on southeast end of long grassy point.
- 4336 Southwest tip of prominent ledge at High-Water Line.

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- 4337 Base of 6' bushy spruce at northwest edge of brush line.
- 4338 Top of Drunkard Ledge Beacon at west entrance to Fox Islands Thorofare. (also recoverable topographic station.)
- 4344 North gable of boat house. Has green door and window shutters. White trim. Rest is unpainted. Pier on east side of it.
- 4345 Northwest corner of pier at east side of bight. White house southeast of it.
- 4346 Base of 30' lone spruce tree on point. Small shed southeast of it. Three feet from water.
- 4347 West gable of boat house on east side of cove. First building on east side going south.
- 4348 North tip of ledge at head of cove. Small house at south end of it.
- 4349 Base of lone spruce tree on west side of cove. It is in clearing in trees.
- 4350 Northeast gable of longest boat house at head of cove on west side.
- 4351 Center of juniper patch on point on west side of entrance to cove.
- 4352 Northwest corner of small pier. Has one granite abutment.
- 4353 Top center of largest of 5 abutments. Farther-est offshore.
- 4354 Top of Young Point Ledge Beacon. (also recoverable topographic station.)
- 4392 Northwest corner of pier. Has 4 granite abutments. First pier north of light.
- 4393 White door at west end of small house in bight. Shingled and unpainted.



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- 4394 Center of patch of foliage on side of bank.  
Near southwest end of bank. Dark color.  
Gravel beach north of it.
- 4394A Top center offshore rock.
- 4395 Top of rock off southwest end of Sugar Loaves.
- 4395A Highest part of rocky ledge. South tip of  
Browns Head.
- 4396 Top of ledge on point. It is mixture of colors.  
Has one very light spot on east side of it.
- 4397 Top of largest offshore rock in cove.
- 4398 Top of largest rock of group of rocks on east  
side of cove. It is dark colored.
- 4399 North tip of brush on point. Point is easterly  
of two points separated by small bight.
- 4400 Top of most northerly rock on point.
- 4401 Base of lone spruce on point. Most northerly  
spruce on point. Tree is 6' tall.
- 4402 Top of offshore ledge north of wooded island.
- 4403 Top of lone offshore rock. It is south of  
group of offshore ledges.
- 4404 Top of southwest end of offshore ledge. Has  
smaller ledge off south end of it.
- 4405 Top of ledge on south end of island. It is  
most southerly ledge on island.
- 4406 Highest part of offshore ledge pinnacle  
shaped on top.
- 4407 Southwest gable of two story house. It is  
shingled. Has red trim. Green roof.
- 4408 Base of 8' bushy spruce tree. It is between  
two groups of spruces.

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- 4409 Top of ledge on point. Most westerly ledge on point.
- 4410 Top of light colored rock on side of bank. There is a crack through middle of it.
- 4411 Top of rock on point. Has light colored top.
- 4412 Top of white water tank on hill. Tank is 15' tall. (also landmark.)
- 4413 Southeast corner of pier.
- 4414 Northeast tip of dirt on ledge on point.
- 4415 South gable of yellow two story house.
- 4416 Base of lone spruce tree on point, 20' tall. Point is east of high rock.
- 4417 Southwest gable of white house near head of Crockett Cove on west side of bight.
- 4418 East gable of small house on pier on west side of Crockett Cove near head.
- 4419 Top of rock (offshore). It has light colored top. Small bare patch of bank west of it.
- 4420 West gable of large white house at head of Crockett Cove. Has green trim. Three chimneys. (also recoverable topographic station.)
- 4421 Northwest tip of vegetation on point at head of Crockett Cove on east side.
- 4421A Base of lone spruce tree on point. On west side of entrance to small cove, at head of Crockett Cove. It is north of group of spruces, 15' tall.
- 4422 West tip of brush on small point on east side of Crockett Cove.
- 4423 Center of grass patch on ledge on point. Point is between two bights.



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- 4424 North tip of brush on prominent point. Bight east of it.
- 4425 Top of light colored boulder on north side of entrance to bight.
- 4426 North tip of point at High-Water Line. On south side of bight.
- 4427 Southwest gable of large white house in field. Has three dormers on north side. (also recoverable topographic station.)
- 4428 North-northeast corner of pier on east side of cove in bight.
- 4429 Top of ledge on point. Dark color.
- 4430 Base of 35' spruce tree at upper end of Crockett Cove. Tree is on north side of telephone line. Sits in shrubbery.
- 4431 Top of rock on southwest end of long prominent point.
- 4432 Base of 35' spruce tree on bank on west side of cove. Has crooked trunk.
- 4433 Top of rock at High-Water Line, on east side of cove. It is lone rock. Nearest rock is 30' south of it.
- 4434 North tip of grass on peninsula north of large point.
- 4435 Top of most northerly rock on point. There is small bight west of it. It has a lone birch tree on it.
- 4436 South tip of brush on peninsula.
- 4486 Red spherical cage on red iron spindle, located on northeast end of Sugar Loaves. (also recoverable topographic station.)

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# HYDROGRAPHIC SIGNALS

- 1 Offshore tip of rock
- 2 Small rock just offshore
- 3 Center rock tip
- 4 North end of rock tip
- 5 Very small rock just offshore
- 6 North end of point
- 7 Very small rock just offshore
- 8 Very small rock just offshore
- 9 Northeast end of long pier
- 10 Northeast corner of offshore rock
- 11 Base of tree in clearing with several scattered trees near water's edge.
- 12 East end of small rock projecting from shoreline
- 13 Northeast tip of rock
- 14 Southwest tip of grass
- 15 Most southerly tip of land at Crabtree Point

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# HYDROGRAPHIC STATIONS

- 3175 Top of large rock on west side ledge on north-west side of Lairey Island. Largest rock on ledge.
- 3176 Center of small patch of vegetation on west side of Lairey Island. Two spruce trees south of patch. On side of high cliff.
- 3177 Top of largest rock on southwest side of Lairey Island. Has cuplike depression on top of it.
- 3179 Top of large boulder on sand beach on east side of Lairey Island. North side of cove. At grassline.
- 3180 Northwest corner of pier on west side of Cedar Island.
- 3219 East tip of grass on Green Ledge, east end.
- 3220 Southeast end of jagged ledge. Highest ledge on northwest end of Green Ledge.
- 3221 Top center of ledge between two crevices in ledge. (Medric Rock.)
- 3222 Top of rock northwest from Green Island.
- 3223 Southeast tip of grass on Green Island.
- 3224 Top center of High-Water rock northwest from Green Island.
- 3225 Top center of rock south of Dogfish Island.
- 3226 Base of southerly of group of 6' spruce trees on south end of Dogfish Island.



- 3227 Top of ledge on west side south end of Dogfish Island. Comes into water more than any ledge on west side.
- 3228 Top of offshore rock in bight, north side of Island. It is east of a ledge that has spruce trees on it. Largest offshore rock in bight.
- 3229 Top center of rock northeast from Dogfish Island. It is highest of that bunch of rocks.
- 3230 Top of chimney on south end log cabin on northeast tip of Dogfish Island, northwest from stone pier. (also recoverable topographic station).
- 3231 Southeast corner of stone pier. It has pilings around it. Pier referred to in signal 3230
- 3232 Center of grass patch on ledge southwest of pier. Not offshore. Dark color. First brown colored ledge along shore from pier. (Dogfish Island).
- 3233 Top of ledge south of Dogfish Island. It is the only ledge that has grass as vegetation on it. North end.
- 3234 Base of most northwesterly tree on Leadbetter Island. Twenty-foot bushy spruce.
- 3235 Top of rock. It has jagged sides. Most jagged of bunch of rocks. There is a large rock in grass 50' north of it. White on south side.
- 3236 Base of 10' spruce tree. Most westerly of spruces on Leadbetter Island. In grass near point.
- 3237 Top center of rock on point. Has black streak 6" from top all along west side.
- 3238 Northwest gable of stone house. Skylight on northeast side. On island between Leadbetter and Green Islands. At north end.

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- 3239 Highest part of ledge north of island and signal 3238. Fartherest offshore.
- 3240 Top of boulder on southwest side of island. It has small light rock at west tip of it. Almost under it and just southwest of grassline.
- 3241 Top of ledge east side northwest from Lairy Island. It is highest ledge in the group.
- 3242 Top of ledge north of Lairy Island. The highest part is much higher than rest of ledge. On south side.
- 3243 Top center of ledge on northeast side of Lairy Island. It drops off perpendicular. Other rock similar to it north from it.
- 3244 Top center of rock in bight behind ledge on east side of island. Largest rock in bight behind ledge. Two meters from ledge.
- 3245 Top center of highest rock on point that doesn't have grass on it. There are a lot of long grooves in top of rock.
- 3246 Southeast corner of wooden pier. Has flag pole at end of it. On Cedar Island.
- 3247 Top of chimney on log house in trees back of wharf in from signal 3246 (north section lazy "Z" shaped house.)
- 3248 Center of flat rock on ledge on southeast side of Cedar Island. It is east 2 meters of crack in ledge. At line where seaweed comes on ledge.
- 3252 Top of rock at northeast tip of island. Has flat top. Brown color.
- 3253 Base of 25' lone spruce tree on island on south end. Only one by itself of that height.

- 3254 Top of rock. It has black spot on top. 2' tall. On rocky shore.
- 3255 North tip of brush on island.
- 3256 Base of 20' lone spruce tree. Only spruce on east side of island.
- 3257 Top of rock on west side of island. It is in front of large ledge on top of island. ledges on south side of it. 4' at base, 2' at top.
- 3258 Base of 7' spruce nearest point. The point has had a large piece of rock chipped out. About 12' straight from point.
- 3259 Base of 8' spruce tree on rounding point. It is in grassland behind dark colored rock on ledge.
- 3260 Top of ledge at southeast tip of island.
- 3261 Center of patch of weeds on ledge at northeast tip of island.
- 3262 South gable of white house on island. Has brick foundation. (also recoverable topographic station.)
- 3263 Top of ledge at northeast tip of island. Largest ledge on northwest end.
- 3264 Highest part of ledge. It is highest ledge of bunch of ledges.
- 3265 Highest part of offshore rock. Southeast end east of small island.
- 3266 Lone 8' bushy spruce tree on northwest side of island.
- 3271 Northeast corner of offshore granite wall.
- 3277 Top of light colored rock at east end of wooden bridge.



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- 3278 Top of small rock northeast of rock that has ring bolt in it. 1' tall. On point.
- 3279 Top of large boulder. It is 3' high. There is ledge north of it. It is largest of bunch of boulders.
- 3280 Top of rock at tip of ledge.
- 3281 Top of boulder in cove. Sets on ledge. Has two smaller rocks 1' on either side of it.
- 3282 Base of 45' fir tree on side of ledge. Live branches near top. Dead branches near bottom.
- 3283 North tip of ledge in shrubbery on grey ledge. Brown colored ledge in front of it.
- 3284 Top of large light colored boulder on north side of cove near head. It is largest on north side.
- 3285 Northwest tip of brush on ledge at head of cove. Is brown and black in color.
- 3286 Top of ledge on south side of cove near head. Has cracks all through it. Sea grass in back of it.
- 3287 North gable of highest section of green and white house on hill at entrance to long cove. (also recoverable topographic station.)
- 3288 Top of large boulder on rocky shore. There is high ledge 30 meters north of it.
- 3289 Top of reef across cove. Brown colored ledge in back of it.
- 3290 East tip of grass on offshore ledge. It has 4 or 5 small spruce trees on it.
- 3291 Top of southerly High-Water rock at north tip of long ledge. Ledge has trees on it.

- 3292 Top of largest rock on point. It is on south end of mouth of deep bight.
- 3293 Top center of rock. It is farthest from shore of string of rocks.
- 3294 Top of high ledge on south end of island. Highest ledge.
- 3295 Base of 15' spruce tree on northwest end of island. There are 3 spruces there. Smallest one is signal.
- 3296 Top of large boulder on reef near shore. It is dark brown on top; lighter color near bottom, 5' high. Tallest rock on reef.
- 3297 West gable of low section of plain house on hill in bight. Has 2 chimneys.
- 3298 Top of ledge at head of bight. It is brown ledge with white top.
- 3299 Top of highest rock on offshore ledge at mouth of bight. It has flat top.
- 3300 Southeast tip of brush on ledge in cove. It has white color 1' from top.
- 3301 Top of brown ledge on north side of cove. There is brown ledge 12 meters southwest of it.
- 3302 Base of 20' bushy spruce at head of cove. There is 40' spruce 15 meters south of it.
- 3303 East tip of ledge at High-Water. It is north of crevice in ledge. Another ledge on south side of crevice.
- 3304 Top of ledge on point. Has grass on it. South end of island.
- 3305 Northeast tip of ledge at High-Water. It starts down and then comes straight out into the water. Looks as though a piece has been chipped off.

- 3306 Top of ledge. It has yellow on top. There is another ledge 6 meters south of it. It has dark color and white stripe on it.
- 3307 Northeast corner of an old granite pier. On east side of island.
- 3308 Base of group of bushes on south tip of ledge. It is low, flat ledge. 1 spruce tree on it.
- 3309 Highest part of ledge near northeast tip of island. It is about a perpendicular ledge.
- 3310 East gable of white house on northeast end of island. Has green trim. Two chimneys.
- 3311 North gable of boat house on north end of island. Has green door and red trim.
- 3312 Top of ledge on north end of island, west of crevice in ledge. There is a cottage on east side of crevice.
- 3313 Northwest tip of ledge at High-Water Line. It is a jagged ledge. On east end of sandy beach. Two or three small spruces on it.
- 3314 Base of 12' double spruce on rounding point at head of cove.
- 3315 Top of largest offshore ledge southwest side in cove.
- 3316 Southwest corner of retaining wall of pier on east side of cove. Partly wood.
- 3317 Top of rock on north end ledge. It is light brown color. Has iron pin in top of it. Crevice to east.
- 3318 Northwest gable of old barn 25 meters from shore. It has red front. Little shack in front of it.



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- 3319 Highest part of southeasterly section of offshore ledge. Middle ledge of group off point. Largest in area.
- 3320 Top of offshore rock. Near head of cove. Is white 1' from top. Rest is brown. Ledge in back of it.
- 3321 Top center of offshore rock, 35 meters from shore. In front of sand beach that has a lot of small rocks on it.
- 3322 North tip of grass on ledge. One large patch of grass on it. It heads north from shore.
- 3323 Northwest tip of grass on island. Small island west of Leadbetter Island. Group of spruces on it.
- 3324 Highest part of offshore ledge. South-southeast of island that signal 3323 is on. It is middle of 3 rocks. Largest one.
- 3325 Base of southernmost of group of spruces on ledge, 25' tall. There is another group to southeast.
- 3386 Southwest tip of junipers on ledge. Largest ledge in bight.
- 3388 Top of offshore rock. It is 8 m. offshore. Sloping ledge in back of it.
- 3389 Top of offshore rock. First one on north side coming into northwest side of basin.
- 3391 Northwest tip of brush on point.
- 3392 Base of 30' spruce tree in bight. On side of ledge. It is highest tree on ledge. Crack in ledge in front of it.
- 3393 Top of largest single rock in head of cove near east end 15' south of ledge.
- 3394 Northeast corner of wooden pier on point.

- 3395 Northwest corner of granite pier. On north side before coming to entrance to "The Basin."
- 3397 Base of 40' dead tree on point. A dead stump at each end of it.
- 3398 Top of ledge. Low rocky beach at each side of it. Grass on ledge. Some small spruces.
- 3399 Base of 20' bushy spruce tree on grassland. Eight feet from grassline. In large field.
- 3400 Base of 20' bushy spruce 2' from grassline behind rocky beach. Only bushy lone spruce along beach.
- 3401 Top of flat offshore rock off point. High shore ledge in back of it. Brown colored.
- 3402 Highest part of middle ledge on point. There are three ledges. Two 2' boulders on it.
- 3403 Southeast gable of large two-story white house in sight. Has three chimneys. Highest section of house.
- 3404 Base of lone spruce tree on ledge. There are two small birch trees in front of it. Thirty feet tall.
- 3405 East tip of grass on ledge. There is a long streak of grass running north and south on ledge. Dark colored ledge. White house on hill north of it.
- 3406 Top of large offshore rock. There is 3' boulder at north end of it. Low ledge behind it.
- 3407 West corner of old granite retaining wall. No wood pilings on this part.
- 3408 Top of large offshore rock. It is largest of two rocks between mainland and small island.

- 3409 Base of 20' lone spruce tree at northeast end of island.
- 3410 Northwest tip of grass on island. It is in front of high ledge.
- 3411 Base of most southeasterly spruce tree on island.
- 3412 Southwest corner of retaining wall.
- 3413 Top of large offshore rock. South from signal 3411. Has ring bolt in it. Largest offshore rock.
- 3414 Top of white boulder in field. On north side of bight.
- 3415 Top of large white rock on ledge in bight. Six feet long.
- 3416 North gable of plain house. Has blue trim.
- 3417 Top of large rock in center of entrance to "The Basin."
- 3418 Top of rounding ledge on west side of peninsula. West end.
- 3419 Southeast gable of boathouse in cove. Four windows in south side.
- 3420 Southeast tip of junipers between two huge ledges on west side of cove.
- 3421 Base of 12' lone spruce tree at southwest end of retaining wall.
- 3422 Center of junipers in side of ledge. There is flat rock and small rock on top of it two feet north of junipers.
- 3423 Top of highest ledge on point at north side of entrance to S. Gundell Island.
- 3424 West gable of white house. Has green trim. Most westerly one in cove.



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- 3425 West tip of round shaped ledge at High-Water Line. There is old barn on ledge north of it. Light color.
- 3426 West gable of white house at head of cove. (also recoverable topographic station.)
- 3427 West tip of light colored ledge at head of cove. Only light colored ledge at head of cove.
- 3428 Base of most southwesterly tree on Gundell Island.
- 4275 Base of westerly lone spruce tree on south side of cove. High cliff south of it.
- 4276 Base of 35' pine. Open place in trees north of it. Lots of dead trees in clearing.
- 4277 Base of tallest tree at head of bight. Thirty-five feet tall.
- 4278 Base of northerly spruce tree on rocky point, 5' tall. Small patch of sand south of rocky point.
- 4279 Base of 30' pine tree. Small spruce 10' southeast of it.
- 4280 Base of 12' spruce tree. Six foot spruce tree 6' east of it.
- 4281 Base of 6' lone spruce tree on rocky shore near head of cove.
- 4333 Top of small white boulder at head of cove.
- 4334 Top of prominent ledge on west side close to head of cove.
- 4335 Top of ledge on southeast end of long grassy point.
- 4336 Southwest tip of prominent ledge at High-Water Line.

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- 4337 Base of 6' bushy spruce at northwest edge of brush line.
- 4338 Top of Drunkard Ledge Beacon at west entrance to Fox Islands Thorofare. (also recoverable topographic station.)
- 4344 North gable of boat house. Has green door and window shutters. White trim. Rest is unpainted. Pier on east side of it.
- 4345 Northwest corner of pier at east side of bight. White house southeast of it.
- 4346 Base of 30' lone spruce tree on point. Small shed southeast of it. Three feet from water.
- 4347 West gable of boat house on east side of cove. First building on east side going south.
- 4348 North tip of ledge at head of cove. Small house at south end of it.
- 4349 Base of lone spruce tree on west side of cove. It is in clearing in trees.
- 4350 Northeast gable of longest boat house at head of cove on west side.
- 4351 Center of juniper patch on point on west side of entrance to cove.
- 4352 Northwest corner of small pier. Has one granite abutment.
- 4353 Top center of largest of 5 abutments. Farther-est offshore.
- 4354 Top of Young Point Ledge Beacon. (also recoverable topographic station.)
- 4392 Northwest corner of pier. Has 4 granite abutments. First pier north of light.
- 4393 White door at west end of small house in bight. Shingled and unpainted.

- 4394 Center of patch of foliage on side of bank.  
Near southwest end of bank. Dark color.  
Gravel beach north of it.
- 4394A Top center offshore rock.
- 4395 Top of rock off southwest end of Sugar Loaves.
- 4395A Highest part of rocky ledge. South tip of  
Browns Head.
- 4396 Top of ledge on point. It is mixture of colors.  
Has one very light spot on east side of it.
- 4397 Top of largest offshore rock in cove.
- 4398 Top of largest rock of group of rocks on east  
side of cove. It is dark colored.
- 4399 North tip of brush on point. Point is easterly  
of two points separated by small bight.
- 4400 Top of most northerly rock on point.
- 4401 Base of lone spruce on point. Most northerly  
spruce on point. Tree is 6' tall.
- 4402 Top of offshore ledge north of wooded island.
- 4403 Top of lone offshore rock. It is south of  
group of offshore ledges.
- 4404 Top of southwest end of offshore ledge. Has  
smaller ledge off south end of it.
- 4405 Top of ledge on south end of island. It is  
most southerly ledge on island.
- 4406 Highest part of offshore ledge pinnacle  
shaped on top.
- 4407 Southwest gable of two story house. It is  
shingled. Has red trim. Green roof.
- 4408 Base of 8' bushy spruce tree. It is between  
two groups of spruces.

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- 4409 Top of ledge on point. Most westerly ledge on point.
- 4410 Top of light colored rock on side of bank. There is a crack through middle of it.
- 4411 Top of rock on point. Has light colored top.
- 4412 Top of white water tank on hill. Tank is 15' tall. (also landmark.)
- 4413 Southeast corner of pier.
- 4414 Northeast tip of dirt on ledge on point.
- 4415 South gable of yellow two story house.
- 4416 Base of lone spruce tree on point, 20' tall. Point is east of high rock.
- 4417 Southwest gable of white house near head of Crockett Cove on west side of bight.
- 4418 East gable of small house on pier on west side of Crockett Cove near head.
- 4419 Top of rock (offshore). It has light colored top. Small bare patch of bank west of it.
- 4420 West gable of large white house at head of Crockett Cove. Has green trim. Three chimneys. (also recoverable topographic station.)
- 4421 Northwest tip of vegetation on point at head of Crockett Cove on east side.
- 4421A Base of lone spruce tree on point. On west side of entrance to small cove, at head of Crockett Cove. It is north of group of spruces, 15' tall.
- 4422 West tip of brush on small point on east side of Crockett Cove.
- 4423 Center of grass patch on ledge on point. Point is between two bights.



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- 4424 North tip of brush on prominent point. Bight east of it.
- 4425 Top of light colored boulder on north side of entrance to bight.
- 4426 North tip of point at High-Water Line. On south side of bight.
- 4427 Southwest gable of large white house in field. Has three dormers on north side. (also recoverable topographic station.)
- 4428 North-northeast corner of pier on east side of cove in bight.
- 4429 Top of ledge on point. Dark color.
- 4430 Base of 35' spruce tree at upper end of Crockett Cove. Tree is on north side of telephone line. Sits in shrubbery.
- 4431 Top of rock on southwest end of long prominent point.
- 4432 Base of 35' spruce tree on bank on west side of cove. Has crooked trunk.
- 4433 Top of rock at High-Water Line, on east side of cove. It is lone rock. Nearest rock is 30' south of it.
- 4434 North tip of grass on peninsula north of large point.
- 4435 Top of most northerly rock on point. There is small bight west of it. It has a lone birch tree on it.
- 4436 South tip of brush on peninsula.
- 4486 Red spherical cage on red iron spindle, located on northeast end of Sugar Loaves. (also recoverable topographic station.)

GEOGRAPHIC NAMES

Undisputed

- |                          |                            |
|--------------------------|----------------------------|
| ✓ • Barton Island        | ✓ • Green Ledge            |
| ✓ • Browns Head          | ✓ • Gundell Island         |
| ✓ • Calderwood Rock      | ✓ • <del>Hall Island</del> |
| ✓ • Calf Point           | ✓ • Halls Island           |
| ✓ • Cedar Island         | ✓ • Inner Bay Ledge        |
| ✓ • Conway Point         | ✓ • Leadbetter Island      |
| ✓ • Conway Shore         | ✓ • Leadbetter Narrows     |
| ✓ • Crabtree Point       | ✓ • Long Cove              |
| ✓ • Crabtree Point Ledge | ✓ • Medric Rock            |
| ✓ • Crockett Cove        | ✓ • Middle Mountain        |
| ✓ • Crockett Point       | ✓ W. • Penobscot Bay       |
| ✓ • Cross Island Ledges  | ✓ • Seal Ledge             |
| ✓ • Dogfish Island       | ✓ • Stand-in Point         |
| ✓ • Dogfish Ledges       | ✓ • Stand-in Point Ledge   |
| ✓ • Drunkard Ledge       | ✓ • Sugar Loaves           |
| ✓ • Dyer Pond            | ✓ • Tiptoe Mountain        |
| ✓ • Fiddler Ledge        | ✓ • Vinalhaven Island      |
| ✓ • Fish Head            | ✓ • Wooster Cove           |
| ✓ • Fox Rocks            | ✓ • Young Cove             |
| ✓ • Green Island         | ✓ • Young Point            |
| ✓ • Hurricane Sound      |                            |

Names preceded by • are  
approved. L. Heck  
9/19/47

GEOGRAPHIC NAMES

No changes in names as per Mr. Heck.

K. H. M.  
8/24/49



GEOGRAPHIC NAMES

Disputed

Recommended

- ✓ • Laireys Island ✓
- ✓ • Laireys Narrows ✓
- ✓ • Narvo Island
- ✓ • North Haven Island
- ✓ • Perry Creek

Disputed

- ~~Lairey Island~~
  - ~~Lairey Narrows~~
  - Ohio Island
  - North haven
  - Perry Cove
- No longer disputed*

DESCRIPTIONS OF  
TEMPORARY HYDROGRAPHIC STATIONS AND  
RECOVERABLE TOPOGRAPHIC STATIONS  
LOCATED BY RADIAL PLOT

SURVEY NO. T-8024

PROJECT NO. C.S. 272 D

RECOVERABLE TOPOGRAPHIC STATIONS	
ESTABLISHED IN 1943 -----	10
TEMPORARY HYDROGRAPHIC STATIONS	
ESTABLISHED IN 1943 -----	<u>217</u>
TOTAL STATIONS -----	227

LISTED BY MILDRED M. TRAUTMAN  
COPY CHECKED BY HENRY P. EICHERT



Review Report for T-8024

30 Mean High-Water Line

The mean high water line was revised on the basis of a partial second field inspection by L. P. Raynor, Comdr., Ship Lydonia. <sup>in 1944.</sup> The mean high-water line was moved in an inshore direction from its original compiled position. A complete discussion of these changes is included in correspondence attached to the descriptive report for T-5622.

34 Landmarks and Aids to Navigation

Landmarks and aids to navigation have been listed on Form 567 and filed in the Nautical Chart Branch, Division of Charts.

37 Comparison with Previous Topographic Surveys

T-1072	1:10,000	1867
T-1075	1:10,000	1868
T-1093	1:10,000	1868

These surveys are superseded by T-8024 for common detail in common area for charting purposes.

47 Adequacy of the Compilation

Low-water features such as rocks have been completed as far as is possible from information obtained from shoreline inspection and interpretation of the aerial photographs. The position of detail falls within the limits of required accuracy.

Reviewed by:

Under the direction of:

Jack L. Rihh  
Jack L. Rihh 1/31/46

S. V. Griffith  
Chief, Review Section K.H.M.

Approved by:

E. H. Kirsch  
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J. R. Edmonson  
Chief, Nautical Chart Branch  
Division of Charts

K. T. Adams  
Chief, Div. of Photogrammetry

W. M. Scaife  
Chief, Div. of Coastal Surveys

12/92

## NAUTICAL CHARTS BRANCH

SURVEY NO. *T28024*

### 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.