

1453 BIS

Diag. Cht No. 1202

Form 504

U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey HYDROGRAPHIC

Field No. Office No. H-1453 bis

LOCALITY

State MAINE

General locality ENTRANCE TO BLUE HILL BAY,

Locality EXAMINATION OF SHOAL SPOTS,

VICINITY OF GREEN ISLANDS

1903

CHIEF OF PARTY

J. B. Boutelle

LIBRARY & ARCHIVES

DATE OCTOBER 16, 1903
OCTOBER 17, 1903

COAST

1453^{bis}

83
SHA
1453^{bis}
1903

Treasury Department,
U. S. COAST AND GEODETIC SURVEY.

U. S. C. & G. SURVEY,
LIBRARY AND ARCHIVES

C. H. Tittmann

OCT 17 1903

Superintendent

Acc. No.

State: *Me.*

DESCRIPTIVE REPORT.

Hydrographic Sheet No. 1453^{bis}

LOCALITY:

*Entrance to Blue Hill Bay,
Examination of Shoal Spots,
Vicinity of Green Islands*

1903

CHIEF OF PARTY:

J. B. Boutelle

1453^{bis}

1453^b

U.S. AND G. SURVEY
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Acc No:

Diag: Cht. No. 1202

83
SHA
1453^b

Department of Commerce and Labor
COAST AND GEODETIC SURVEY

O. H. Tussmann
Superintendent.

State: *Maine*

DESCRIPTIVE REPORT.

Hydr Sheet No. *1453^b*

LOCALITY:

See also
2696

190

CHIEF OF PARTY:

1453^b

1453 bis

DESCRIPTIVE REPORT

ENTRANCE TO BLUE HILL BAY
Vicinity of Green Islands
MAINE.

U. S. C. & G. SURVEY
LIBRARY AND ARCHIVES

OCT 17 1908

Acc. No.

Examination of 5-3/4 fathom spot S. E. of Drum Island and channel between that and Black Island.

A close system of sounding lines run over and around this spot shows a ledge with least water of 27.4 feet.

Inquiry was made of the lobster fishermen frequenting this locality for ledges off the Grindstone Ledge and they have no knowledge of any such in the immediate vicinity of Grindstone Ledge, but a Mr. Joyce of Mackerel Cove who seems to have a very intimate knowledge of this whole locality, showed us a ledge between Green and Black Islands in the fairway of the channel which he said was the only one in this channel with the exception of the 14 ft. spot shown on the chart. This latter is a very dangerous obstruction to navigation and should be buoyed. Several vessels have struck it. The ledge was found to have 35 feet least water on it.

J. D. Doute
Assistant, U.S.C. & G. Survey,

Com'd'g U.S.S. BACHE.

Signal	Description of Signal	Lat.	Metres	Long.	Metres
Horse	Spindle on Horseshoe Ledge	44°-09'	1351	68°-18'	1141
Spindle	Grindstone Ledge	44°-10'	366	68°-20'	342
Pine	Pine tree, Gt. Duck Island.	44°-09'	626	68°-15'	45
Scrub	Pine tree, Great Duck Island.	44°-10'	726	68°-14'	1113
White	Hydrographic Signal	44°-10'	1553	68°-20'	1245
East	Hydrographic Signal	44°-10'	1493	68°-21'	364
Shanty	Old shanty	44°-09'	1207	68°-25'	516
School House	Cupola	44°-10'	504	68°-24'	1020
Ch. Spire		44°-10'	612	68°-24'	1108
West	Hydrographic Signal	44°-11'	512	68°-21'	765
Cal	Hydrographic Signal	44°-11'	1235	68°-21'	195
Barn		44°-11'	1312	68°-21'	406
Little	Hydrographic Signal	44°-11'	73	68°-20'	270
Chim.	Eastern chimney	44°-11'	1591	68°-18'	1276
Spire	Church Spire	44°-12'	171	68°-19'	1110
Tree	Prominent tree	44°-13'	1306	68°-18'	928
Spindle	South Bunker Ledge	44°-13'	1112	68°-17'	2
Trunk	Trunk of scrub tree	44°-14'	471	68°-16'	704
Third	Hydrographic Signal	44°-14'	1558	68°-16'	830
Second	Hydrographic Signal	44°-14'	1506	68°-17'	666
School	Cupola	44°-14'	1764	68°-15'	1307
Hot	Cupola	44°-15'	1311	68°-13'	1246

Acc. No.
NOV 28 1905
 U. S. G. SURVEY,
 LIBRARY AND ARCHIVES

S t a t i s t i c s .

Date	Let.	Vol.	Angles	Soundings	Miles	Boat
1905 Oct. 23	<i>a</i>	1	144	164	4.0	Coal Burning Launch.
" 24	<i>b</i>	1	130	175	5.0	" "
" 26	<i>c</i>	1	106	132	5.4	" "
	3	1	380	471	14.4	

Add'l work

Hyd. Sheet No 1453_N (Examination by
Asst. P. P. Wilkes 1905)

The soundings are correctly plotted.
The depth at which the drag was set below
the surface of water is indicated by the
colored sounding lines. Width of drag 20 ft.

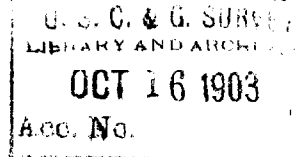
H. L. Swann

1453 bis

DEPARTMENT OF COMMERCE AND LABOR

U.S. Coast and Geodetic Survey

O. H. Tittmann, Supt.



MAINE

Entrance to Blue Hill Bay

Examination of Shoal Spots

in the vicinity of

Green Islands

by the party in charge of

J. B. Boutelle

Assistant, C. & G. Survey

STEAMER BACHE

Begun Sept. 12, 1903

Ended Sept. 14, 1903

Observers: E. C. Sasnett, Aid and J. W. Yates, D. O.

Recorder: Robert Boyd, Chief Writer

Leadsman: E. Backmann, Gr. Mr. 3rd. Class

Coxswain: K. S. Hansen, " " "

Tide Observer: W. B. Caldwell, Seaman. *At Mackard Cove.
Swan Isd.*

Entrance
to
Blue Hill Bay, Me.
Vicinity
of
Green Islands.

STATISTICS.

Date, 1903.	Let.	Vol.	Pos.	Angles	Sdgs.	Miles	Vessel
Sept. 12th.	a	1	148	291	321	5.0	Launch # 31
" 14 "	b	1	105	210	224	3.5	" "
Total-----	2	1	253	501	555	8.5	

Item 11 ✓

(COPY)

TREASURY DEPARTMENT
Office of the Coast and Geodetic
Survey.

Washington, March 25, 1903.

MEMORANDUM.

In the examination of the Maine Charts the D. E. Div.
shows on Chart 308^{*} in red 5 3/4 fathoms about 750 meters
S. E. by S. Mag. From Drum Island, and close to a 22 fathom
sounding, with the remark, "Should be examined
by field party, Hyd. Sht. 1453."

Gershom Bradford,
Inspector of Charts.

^{*}Drawing Section Standard.

Ch. 308

U.S. Hydrographic Survey
Graphic
JUL 1893
IN 100 FATHOMS

Sp.

15
17



54

Sp. to be examined



Add'l work
1453 bis

U. S. C. & G. SURVEY,
LIBRARY AND ARCHIVES,
NOV 28 1905
Acc. No.

DEPARTMENT OF COMMERCE AND LABOR

Coast and Geodetic Survey

O. H. Tittmann, Supt.

Approaches to Blue Hill Bay

MAINE

Examination north of Black Island

P. A. Welker, Assistant, Chief of Party

STEAMER "BACHE"

Begun Oct. 23

Ended " 26

SCALE; 1:20,000

Positions protracted by Wm. Sanger, C. C.

Soundings plotted " " " "

Department of Commerce and Labor

COAST AND GEODETIC SURVEY

Washington

September 9, 1903.

Capt. J. B. Boutelle,
Comdg. U. S. S. BACHE,
Bar Harbor, Maine.

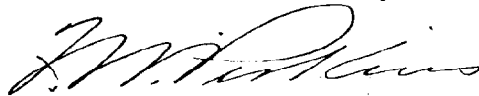
Sir:

I quote for your information a paragraph from
a letter of the Commanding Officer of the U. S. S.
DECATUR, dated August 6, 1903, as follows:

" 6. A lobster fisherman in the locality reports
"that, in this same passage, not far from Grindstone
"Ledge, there are two spots much shoaler than shown by
"the chart, one of four fathoms and one of five fathoms."

2. Grindstone Ledge is off the southeast cor-
ner of Blak Island, Maine. Inquiry should be made
of fishermen in the neighborhood and the location of
these shoal spots determined if they exist.

Respectfully yours,



Acting Superintendent.

W.



W. S. S. Bache

Sept. 14 1903

Developed one spot of
fathoms bearing S. W.
from Lindstone ledge dist.
 $\frac{3}{8}$ mile (107 on chart). No other
spot could be heard ^{of} from a
number of lobster fishermen
who are constantly working over
this ground except the 14 ft.
and $4\frac{1}{2}$ fathom long way between
Lindstone and the ledge
both of which are on the chart.

J. P. Doolittle
Comd. U. S. S. Albatross