

6814

WIRE DRAG

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WIRE DRAG

Form 504	
U. S. COAST AND GEODETIC SURVEY DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey	Hydrographic Wire Drag
	W. D. 2001
Field No.	H 1002 WD
Office No.	H 6814 WD WIRE DRAG
LOCALITY	
State	Maine
General locality	Cape Small
Locality	Seguin SSW Ledge
1942	
CHIEF OF PARTY	
C. D. Meaney	
LIBRARY & ARCHIVES	
DATE	April 30, 1943

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

HYDROGRAPHIC TITLE SHEET

REG. NO. H6814

The Hydrographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. WD 2001

REGISTER NO. **H6814**
WIRE DRAG

State MAINE

General locality Cape Small

Locality Seguin SSW Ledge

Scale 1:20,000 Date of survey October, 1942

Vessel LYDONIA (MARINDIN & RODGERS)

Chief of Party C. D. Meaney

Surveyed by C. R. Reed

Protracted by A. Kaupa

Soundings penciled by _____

Soundings in fathoms feet Feet

Plane of reference Mean Low Water

Subdivision of wire dragged areas by _____

Inked by A. Kaupa

Verified by _____

Instructions dated May 7, 1941, March 11, 1942, 19____

Remarks: This sheet was processed at the Norfolk Processing Office.

DESCRIPTIVE REPORT

H6814
WIRE DRAG

to accompany

WIRE DRAG SHEET FIELD NO. 2001

SEGUIN SSW LEDGE

MAINE

SCALE 1:20,000

PROJECT CS-265

1942

LYDONIA Sub-party

LAUNCHES MARINDIN, RODGERS & NO. 101

INSTRUCTIONS:

Instructions for the work executed on this sheet are the original project instructions dated May 7, 1941 and supplemental instructions dated March 11, 1942. ✓

SURVEY METHODS:

Standard dual control wire drag methods were employed using the wire drag launches MARINDIN and RODGERS. Lift tests were made with the floating type of tester which has been standard for several years. In entering the lift in the guide launch record an additional allowance was made for chop and swell. ✓

GROUNDINGS:

The drag grounded on Seguin SSW Ledge (charted 36 feet) and a least sounding of 33 feet rocky bottom was obtained at Latitude 43° 39.96', Longitude 69° 46.5'. This least depth was cleared with a drag set to an effective depth of 30 feet. ~~A minimum effective dragged depth of 29½ feet appears on the area and depth sheet at Latitude 43° 40.11', Longitude 69° 46.7'.~~ ✓ 83

RECOMMENDATIONS:

As this sheet completes the area to the eastern limit of 1941 wire drag sheet number H-6671 no recommendations for further work are made. The charted 36 feet on the ledge should be changed to 33 feet. ✓

TIDES:

Tides used were from the Portland, Maine standard tide gage. ✓

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STATISTICS:

Statute miles of wire drag	15.0
Area of wire drag (sq. st. mi.)	5.0
Number of soundings	5

Respectfully submitted,

Clarence R. Reed

Clarence R. Reed
H. & G. Engineer
U.S.C.&G. Survey

Approved and forwarded

C. D. Meaney
C. D. Meaney
Chief of Party

Surveys Section (Chart Division)

HYDROGRAPHIC SURVEY NO. **H6814 WIRE DRAG**

Records accompanying survey:

Boat sheets ..2.; sounding vols. 2...; wire drag vols.2....;
 bomb vols. 0....; graphic recorder rolls .0....;
 special reports, etc. ..~~Overlay Tracing~~.....

The following statistics will be submitted with the cartographer's report on the sheet:

Number of positions on sheet	
Number of positions checked	..21.	
Number of positions revised	...0.	
Number of soundings recorded	
Number of soundings revised (refers to depth only)	
Number of soundings erroneously spaced	
Number of signals erroneously plotted or transferred	
Topographic details	Time	1 1/2
Junctions	Time	5
Verification of soundings from graphic record	Time	0
Verification by <i>G.F. Jordan</i>	Total time ...	22 1/2 Date 5/24/43...
Review by <i>J.A. McCormick</i>	Time .5 hrs.	Date 9/28/43.

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WIRE DRAG

Remarks

Decisions

	Remarks	Decisions
1		U.S.G.B
2		437698
3		436697
4		437697 U.S.G.B
5		
6		
7		
8		
9	Location of tide staff.	
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M 234		

GEOGRAPHIC NAMES

Survey No. **#6814**

~~WIRE DRAG~~

Name on Survey

A, On Chart No.
 B, On previous survey No.
 C, On U. S. quadrangle Maps
 D, From local information
 E, On local Maps
 F, P. O. Guide or Map
 G, Rand McNally Atlas
 H, U. S. Light List
 K

Name on Survey	A	B	C	D	E	F	G	H	K
<u>Maine</u>									1
<u>Cape Small</u>									2
<u>Seguin SSW Ledge</u>									3
<u>Kennebec R.</u>									4
									5
									6
									7
									8
<u>Portland</u>									9
									10
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Names underlined in red approved
 by L. Heck on 5/4/43

RAC
HOR

TIDE NOTE FOR HYDROGRAPHIC SHEET

May 6, 1943

~~Division of Hydrography and Topography~~

✓ Division of Charts: Attention: H. R. Edmonston.

Tide Reducers are approved in
4 volumes of sounding ^{and wire drag} records for

HYDROGRAPHIC SHEET 6814

Locality Seguin SSW Ledge, Cape Small, Maine.

Chief of Party: C. D. Meaney in 1942
Plane of reference is mean low water reading
8.6 ft. on tide staff at Portland
19.0 ft. below B.M. 31

Height of mean high water above plane of reference is 8.9 feet
at Portland.

Condition of records satisfactory except as noted below:

C. J. Green

Chief, Division of Tides and Currents.

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
 DESCRIPTIVE REPORT }
 PHOTOSTAT OF

No. H **H6814**
 No. T **WIRE DRAG**

{ received May 1, 1943
 registered May 1, 1943
 verified
 reviewed
 approved

This is forwarded in order that your attention may be directed to the matters as indicated below. Please initial in column 3 as an acknowledgement that your attention has been thus directed. The complete original records are available if desired. If you cannot give this your immediate attention, please initial, note, and forward to the next section marked, calling for the records at your convenience.

ROUTE		Initial	Attention called to
20			
22			
24			
25			
26			
30			
40			
62			
63			
82			
✓ 83	<i>J.F.R.</i>	<i>JFR</i>	<i>Comd Finnegan 821 Mr. Englebrecht. JFR</i>
88			
90			

RETURN TO

82	<i>R.W.Knox</i>
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DIVISION OF CHARTS

REVIEW SECTION - SURVEYS BRANCH

REVIEW OF HYDROGRAPHIC SURVEY

REGISTRY NO. 6814 W.D.

Field No. W.D. 2001

Maine; Cape Small; Seguin SSW Ledge
Surveyed October 1942; Scale 1:20,000
Instructions dated May 7, 1941 and March 11, 1942
(Project C. S. 265)

Wire Drag

Dual Control

Chief of Party - C. D. Meaney
Surveyed by - C. R. Reed
Protracted by - A. Kaupa
Subdivision of dragged areas by - A. Kaupa
Inked by - A. Kaupa
Verified by - G. F. Jordan
Reviewed by - J. A. McCormick
Inspected by - H. R. Edmonston, September 28, 1943

1. Shoreline and Signals

Shoreline is from topographic map T-5971. Signals were located by triangulation.

2. Adjoining Surveys

Satisfactory junctions were effected with H-6674 (1941) W.D. on the west and south; H-6780 (1942) W.D. on the north and with H-6671 (1941) W.D. on the east. The Area and Depth Sheet was revised in this office to show in the overlapping areas the combined effective depths of the four surveys.

3. Comparison with H-6730 (1941-42)

Drag work of the present survey falls almost entirely within the limits of the hydrography on H-6730. There are no conflicts between effective drag depths and soundings. The drag tender obtained a depth of 33 feet on Seguin SSW Ledge as compared with 36 feet developed on the sounding lines. The Ledge was cleared with an effective depth of 29-1/2 feet.

4. Comparison with Chart 314 (Print of May 27, 1943)
Chart 1204 (Print of July 10, 1943)

The 34-ft. depth charted on Seguin SSW Ledge is a preliminary depth reported by the field party in Chart Letter 69 of 1943. The 40-ft. depth charted 0.15 mile to the north is from H-552 (1856-57), already discredited in the review of H-6730 (1941-42). The position of the 40 was cleared with an effective depth of 43 feet.

5. Compliance with Project Instructions


Satisfactory.

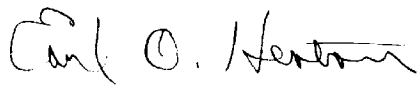
6. Additional Field Work Recommended


None.

Examined and approved:


Chief, Surveys Branch


Chief, Division of Charts


Chief, Section of Hydrography


Chief, Division of
Coastal Surveys

Applied to Cht. 314 Jan. 19, 1944 X.P.R.

" to cht 1000 thru cht 1204 9/7/44 X.P.R.

" to cht 238 12/26/45 STE

Applied to chart 1106 thru cht 238 - REE 11-3-61
(after Rev - no revision)