

WIRE DRAG 6957

WIRE DRAG
6957

Form 504
U. S. COAST AND GEODETIC SURVEY DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT
Type of Survey <u>Hydrographic</u> Field No. <u>W.D. 2144</u> Office No. <u>H6957</u>
LOCALITY State <u>VIRGINIA</u> General locality <u>CHESAPEAKE BAY</u> Locality <u>10 miles East of Stingray Point</u>
<u>1944</u> CHIEF OF PARTY <u>J. H. Brittain & W. R. Porter</u>
LIBRARY & ARCHIVES
DATE _____

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

HYDROGRAPHIC TITLE SHEET

REG. NO. H6957

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

H6957
REGISTER NO. _____

Field No. W.D. 2144

State VIRGINIA

General locality CHESAPEAKE BAY

Locality 10 Miles East of Stingray Point

Scale 1:20,000 Date of survey March, 1944

Instructions dated Directors Letter March 4, 1944

Vessel HILGARD & FARIS

Chief of party J. H. Brittain & W. R. Porter

Surveyed by Ships Officers

Soundings taken by fathometer, graphic recorder, hand lead, ~~with~~

Protracted by A. Kaupa

Soundings penciled by A. Kaupa

Soundings in ~~bottoms~~ feet at MLW ~~MLLW~~

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

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POST OFFICE ADDRESS: c/o Postmaster, Cambridge, Maryland

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

1944 MAR 29 AM 8:15

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

March 25, 1944

To: The Director
U. S. Coast and Geodetic Survey
Washington, D. C.

From: The Officer in Charge
Launch HILGARD

Subject: Wire drag investigation of Obstruction - Chesapeake Bay

In accordance with the Director's letter of March 4, 1944, an investigation of the obstruction in Chesapeake Bay charted at 37° 31' 09", 76° 05' 57" has been made by the Launches HILGARD and FARIS. This work was done by wire drag. Charted from
N to M. 37 (1943)

With the drag set at 36 ft. a strip was dragged from approximately one mile south of the charted position of the obstruction to about one half mile north of it, where the drag grounded. The strip was 1050 meters in width.

An investigation of this grounding, latitude 37° 31' plus 1140 meters longitude 76° 06' plus 645 meters, gave a least depth of 12 feet with the wire drag. It was cleared in one direction at this depth and bumped dragging in the opposite direction at the same depth. An effort to obtain a hand lead sounding on the obstruction was unsuccessful. However, a fathometer sounding of approximately 10 feet was obtained while the drag was grounded at 36 feet. Possibly the sounding was a reflection from something floating from the obstruction or something that was torn loose by the drag set at the shoal depth. Chart
12 ft.

No record
of 10 ft.

J.A.M. McCormick
4/13/44

The general depths in the area of the obstruction are about 38 feet.

The work was controlled by three point fixes on buoys located by taut wire traverse from Windmill Point Light House.

The obstruction has been marked by 2 small survey buoys, one about 15 meters southeast of the position obtained and the other about 20 meters to the west.



The Coast Guard at Norfolk and the Supervisor, Southeastern District, have been verbally notified of the location and least depth obtained.

No Review
necessary.
J.A.M.

John H. Brittain

Officer in Charge, Launch HILGARD

DESCRIPTIVE REPORT

to accompany

SHEET WD-2144

INSTRUCTIONS:

This wire drag survey was accomplished in accordance with the authority contained in the Director's letter of March 4, 1944. ✓

LOCATION:

The area wire dragged is in the Chesapeake Bay between Latitude 37° 30' & 32' and Longitude 76° 05.5' & 06.5'. ✓

PURPOSE:

The purpose of the survey was to locate an obstruction in the vicinity of Latitude 37° ~~31.09'~~ ^{31' 09"} and Longitude 76° ~~05.57'~~ ^{05' 57"}. ✓

CONTROL:

The survey was controlled by 3 point fixes on buoys located by tautwire traverse from Windmill Point L.H. ✓

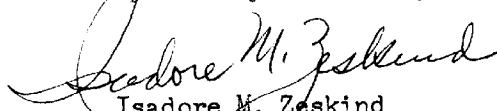
WRECK LOCATION:

The wreck was located at Latitude 37° 31.62', Longitude 76° 0⁶5.40' ✓ / 83
and was marked by two small buoys, one about 15 meters southeast of the position obtained, and the other about 20 meters to the west.

TIDAL DATA:

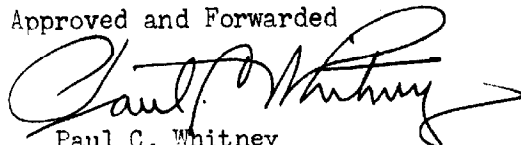
The predicted tides for Stingray Point L.H. were used in reducing the drag strips to mean low water. ✓

Respectfully submitted,


Isadore M. Zeskind
Associate Cartographic Engineer

Norfolk, Va.
April 7, 1944

Approved and Forwarded


Paul C. Whitney
Supervisor, S.E. District

Surveys Section (Chart Division)
WIRE DRAG H6957
 HYDROGRAPHIC SURVEY NO.

Records accompanying survey:

Boat sheets ..2.; sounding vols. .1...; wire drag vols. 2....;
 bomb vols.; graphic recorder rolls;
 special reports, etc.

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

Number of positions on sheet	
Number of positions checked	
Number of positions revised	
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	
Junctions	Time	
Verification of soundings from graphic record	Time	
Verification by.....J. A. McCormick	Total time	Date 4/13/44
Review byNo Review	Time	Date

Remarks

Decisions

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GEOGRAPHIC NAMES

Survey No. **H6957**

WIRE DRAG

Name on Survey	A	B	C	D	E	F	G	H	K	
	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List		
<u>Virginia</u>										1
<u>Chesapeake Bay</u>										2
<u>Stingray Point</u>										3
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Names underlined in red approved
by L. Heck on 4/13/44

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
PHOTOSTAT OF

No. H
No. T

WIRE DRAG

H6957

{	received	April 10, 1944
	registered	April 11, 1944
	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
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22			
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82			
✓ 83	Pg 1		Comdr Finnegan
88			
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RETURN TO

82 Comdr. R. W. Knox

78-2

200
HME

TIDE NOTE FOR HYDROGRAPHIC SHEET

April 13, 1944

~~Division of Hydrography and Topography:~~

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

Plane of reference approved in
3 volumes of sounding/wire drag records for

HYDROGRAPHIC SHEET 6957

Locality Chesapeake Bay; 10 miles east of Stingray Point, Va.

Chief of Party: J. H. Brittain & W. R. Porter in 1944

Plane of reference is mean low water reading

ft. on tide staff at

ft. below B. M.

Predicted tides for Stingray Pt. used

Height of mean high water above plane of reference is 1.2 feet.

Condition of records satisfactory except as noted below:

E. K. Green

Chief, Division of Tides and Currents.

NAUTICAL CHARTS BRANCH

SURVEY NO. _____

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.