

FE44

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GUIDELINES AS DESCRIBED IN SECTION
3.3(h), EXECUTIVE ORDER 12356.**

NOAA FORM 76-35A

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

DESCRIPTIVE REPORT (HYDROGRAPHIC)

Type of Survey ... Field Examination.....
Field No. N/A.....
Office No. FE-44.....

LOCALITY

State Virginia.....
General Locality ... Chesapeake Bay.....
Locality Off Willoughby Bank.....

19 44

CHIEF OF PARTY
J.H. Brittain

LIBRARY & ARCHIVES

DATE 1944.....

FE44

☆ U.S. GOV. PRINTING OFFICE: 1976-669-441

NOTE: A new system for registering Field Examinations (FE's) was established in 1980. All FE's are now consecutively numbered as shown hereon. The date shown in the new format is the actual date of survey. This material was previously registered as:

FE No. 2 1944

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey HYDROGRAPHIC

Field No. Office No.

LOCALITY

State VIRGINIA

General locality CHESAPEAKE BAY

Locality OFF WILLOUGHBY BANK

194 4

CHIEF OF PARTY

John H. Brittain

LIBRARY & ARCHIVES

DATE

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

HYDROGRAPHIC TITLE SHEET

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. Special Survey for U. S. Navy

REGISTER NO.

State Virginia

General locality Chesapeake Bay

Locality Off Willoughby Bank

Scale 1:20,000 Date of survey March 10, 1944

Vessel HILGARD

Chief of Party John H. Brittain

Surveyed by Ship's Officers

Protracted by Alfred Kaupa

Soundings penciled by Alfred Kaupa

Soundings in ~~fathoms~~ feet

Plane of reference M.L.W.

Subdivision of wire dragged areas by

Inked by Leroy S. King Mar 31, 1944

Verified by " " " " "

Instructions dated (Verbal) March 8, 1944

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

DESCRIPTIVE REPORT

to accompany

HYDROGRAPHIC SHEET

"SPECIAL SURVEY FOR U.S. NAVY"

INSTRUCTIONS:

Request for this survey was verbally made by the Commandant of the Fifth Naval District, and the authority to accomplish same was verbally given by the Chief, Division of Coastal Surveys, on March 8, 1944. (See "Confidential" letter from the Supervisor of the S.E. District to the Director, dated March 8, 1944.)

LOCATION:

The area surveyed is southwest of Thimble Shoal Light and north-east of Willoughby Spit in Chesapeake Bay.

CONTROL:

Previously established triangulation was used for horizontal control. The usual method of three-point fixes was used to control the positions of the sounding vessel. All soundings were obtained with the 808A fathometer.

DISCREPANCIES:

Latitude 37° 0.38' and Longitude 76° 15.58'. Chart 400 shows a 45 ft. sounding whereas this survey shows ^{51 to} 66 ft. ✓

Remove 45 from chart. See also Chart Letter 224 (1940) and B.P. 34092 for additional arguments in favor of doing so. Note also that there have been some changes in the area.

TIDAL NOTE:

Tide reducers for this survey were from the gage established at Willoughby Spit, Va.

*J.A. McCormick
3/31/44.*

In accordance with information contained in the Director's letter of March 11, 1944, reference 36-mlh, M.L.W. on the tide staff was taken to be at 2.1 feet.

STATISTICS:

Statute miles of sounding lines - - - - -	22.8
Number of positions - - - - -	90
Area, Sq. Stat. Miles - - - - -	0.75

Respectfully submitted,

Isadore M. Zeskind
Isadore M. Zeskind
Associate Cartographic Engineer

Norfolk, Va.
March 24, 1944

Approved and forwarded

Paul C. Whitney

Paul C. Whitney
Supervisor, S. E. District

RCE
RVEY

LETTER MAIL

PENALTY
PAYM

Special Survey
Off Willoughby Bank

March 10, 1944

a day

Fathometer Record

applied to chart 400. April 1/44 G.H.P.-S.

" " " 78 Aug. 4, 1944

K.P.

No Corr. Do Chart 481 8/10/36 L.S.S.