

FE54

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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.	Hi-1245
Office No.....	FE-54
LOCALITY	
State	Virginia
General Locality ..	York River
Locality	Gloucester Point-Yorktown
19 45	
CHIEF OF PARTY J.H. Brittain	
LIBRARY & ARCHIVES	
DATE	April 2, 1945

☆ 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.5 1945

FENo.5 1945

FENo.5 1945

Form 504	
U. S. COAST AND GEODETIC SURVEY DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey	Hydrographic
Field No. Hi-1245	Office No.
LOCALITY	
State	Virginia
General locality	York River
Locality	Gloucester Point - Yorktown
194 5	
CHIEF OF PARTY	
John H. Brittain	
LIBRARY & ARCHIVES	
DATE	APR 2 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

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.

REGISTER No. F.E.5-1945

Field No. Hi-1245

State Virginia

General locality York River

Locality Gloucester Point - Yorktown

Scale 1:10,000 Date of survey March 20, 21, 1945

Instructions dated January 15, 1945

Vessel HILGARD

Chief of party J. H. Brittain

Surveyed by J. H. Brittain

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

Protracted by A. G. Atwill

Soundings penciled by A. G. Atwill

Soundings in ~~fathoms~~ feet at MLW ~~MLLW~~

REMARKS: This sheet was processed in the Hydrographic Section at the Southeastern

District

Washington Office, May 25, 1945.

Survey was made in the narrows where the construction of a bridge is under consideration. Smooth plot is attached to this report. It has been compared with Chart 492 and found satisfactory.

J. A. Mc Cormick

DESCRIPTIVE REPORT

to accompany

HYDROGRAPHIC SHEET NO. Hi-1245 (Field)

Since no descriptive report was written by the field party, this report is written in lieu of same.

INSTRUCTIONS:

This survey was executed under authority of the Director's Instructions for Project CS-315, dated January 15, 1945, paragraphs Nos. 2 and 18.

LOCALITY:

This survey is located in the York River between Gloucester Point and the Yorktown side of the river.

CONTROL & SIGNALS:

Previously established triangulation stations furnished the control for this survey.

DISCREPANCIES:

No apparent discrepancies appear on this survey.

DANGERS:

None appear within the limits of this survey.

VESSELS & EQUIPMENT:

This survey was accomplished by the Launch HILGARD and a skiff. The soundings were obtained by 808 fathometer No. 57.

TIDAL DATA:


The tidal data was obtained by reading a tide staff at Gloucester Point, Va., and is recorded on page 2 of volume 1. 2.1 ft. on the tide staff was taken as the point of M.L.W.

STATISTICS:

Date	Day	Ship	No. Soundings H.L. & Pole	No. Positions	Statute Mi. Sdg. Lines
March 20, 1945	A	HILGARD	0	31	3.3
March 21, 1945	a	Skiff	<u>0</u>	<u>34</u>	<u>2.2</u>
		Totals	0	65	5.5

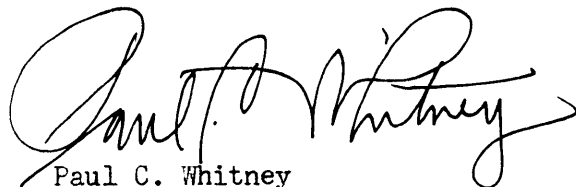
Area in square statute miles - - - - 0.25

Respectfully submitted,


Isadore M. Zeskind
Cartographic Engineer

Norfolk, Va.
March 30, 1945

Approved and forwarded


Paul C. Whitney
Supervisor SE District

LIST OF SIGNALS
SHEET Hi-1245

GLOUCESTER PT. WH. HO. CENTER DORMER WINDOW, 1932
YORKTOWN GASOLINE TANK, 1932, 1933
NAVY MINE DEPOT TANK, 1942
YORKTOWN MONUMENT, 1906, 1911
SARAH CREEK S.W. BEACON, 1932
GLOUCESTER PT. STEAMBOAT PIER BEACON, 1932
GLOUCESTER PT. WINDMILL, 1932

Surveys Section (Chart Division)

HYDROGRAPHIC SURVEY NO. *F.E.* No. 5, 1945

Records accompanying survey:

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

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

Number of positions on sheet	<i>.65..</i>	
Number of positions checked	<i>.27..</i>	
Number of positions revised	<i>.1..</i>	
Number of soundings recorded	<i>410..</i>	
Number of soundings revised (refers to depth only)	<i>.4..</i>	
Number of soundings erroneously spaced	<i>.4..</i>	
Number of signals erroneously plotted or transferred	<i>None</i>	
Topographic details	Time <i>.....</i>	
Junctions	Time <i>.....</i>	
Verification of soundings from graphic record	Time <i>.2 hrs.</i>	
Verification by <i>H. B. Woolley</i>	Total time <i>.12..</i>	Date <i>April 24, 1945</i>
Review by <i>J. A. McCormick</i>	Time <i>.2...</i>	Date <i>.5/25/45</i>

37°15' 76° 31'

76° 30'

37°15'

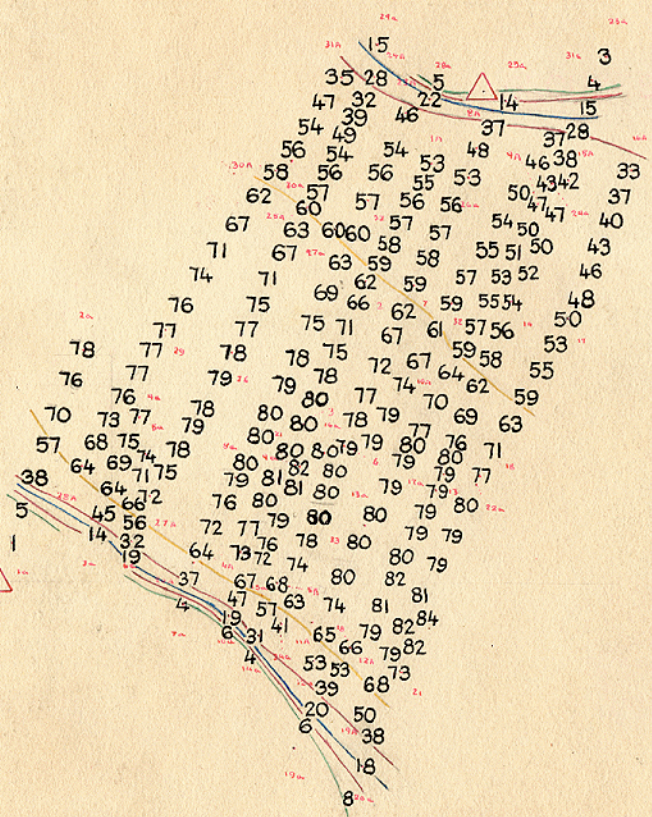
GLOUCESTER PT. WINDMILL, 1932

GLOUCESTER PT. WH. HO. CENTER OF THREE DORMER WINDOWS

GLOUCESTER POINT STEAMBOAT PIER BN., 1932

GASOLINE TANK, 1932, 1933

YORKTOWN MONUMENT, 1906, 1911



Sdgs. in feet at MLW

No. 42 HYDROGRAPHIC SURVEY		
Field No.	Reg. No. F.E. S. (1945)	
Scale 1: 10,000	Plotted	Verified
Projection	MEB	AGA
Tri. Sta.	MEB	AGA
Topo. Sta.		
Hydro. Sta.		
Datum: N.A. 1927		
Ref. Sta. YORKTOWN. MON. 1906		
Lat. 37° 13'	1842.0	m. (Adj.)
Long. 76° 30'	471.7	m. (Unadj.)

37°14'

76° 31'

76° 30'

37°14'

Applied to chart 492 before V. & R. J.M.A. 4-18-45