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Form 504	
U. S. COAST AND GEODETIC SURVEY	
DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey	Topographic
Field No. 2	Office No. 6914
LOCALITY	
State	Virginia
General locality	Norfolk
Locality	Naval Operating Base
194 3	
CHIEF OF PARTY	
Wilbur Porter	
LIBRARY & ARCHIVES	
DATE August 4, 1943	

Applied to Cht. 830 Oct. 7, 1943 Chl 400 X.C.X.
" " " 1222 March 17 1944 H.F. Stegman

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. T6914

TOPOGRAPHIC TITLE SHEET

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

Field No. 2

REGISTER NO.

T6914

State Virginia

General Locality Norfolk

Locality Naval Operating Base

Scale 1:2500 Date of survey June, 1943

Vessel Launch FARIS

Chief of party Wilbur R. Porter

Surveyed by Robert D. Singel

Inked by Robert D. Singel

Heights-in-feet above _____ to-ground-to-tops-of-trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated March 29, 1943

Remarks: _____

Descriptive Report

To accompany Topographic Sheet 2

Project CS-305

1943

AUTHORITY:

The work on this sheet was done under authority of The Director's Instructions dated March 29, 1943 and in accordance with suggestions of the Supervisor of the Southeastern District.

SCOPE:

The survey was done by a party from the Launch FARIS during June, 1943 to establish hydrographic signals in the vicinity of the piers of the Naval Operating Base, Norfolk, Virginia. Detail of the piers and new construction was also tied in with the second order triangulation which was recently done by this party in this area.

CONTROL:

Topography was begun at triangulation station END, and throughout the survey triangulation stations COAL, DOK, END, NOB, Northwest TANK, FLEET, NAVAL BASE TANK, and SUB were used for orientation. All traverses closed within allowable limits and adjustments were made in the field.

METHODS:

Standard plane-table methods were used throughout.

GENERAL:

Considerable difficulty was experienced in completing this sheet as the traffic, both in the slips and on the docks, made many set-ups very difficult. Due to the large scale used on this sheet intersections were very desirable and used wherever possible. Signals were located by intersections or a single intersection and a rod reading. As it was impossible to run a traverse on this scale for any distance without error, three point problems were used to establish 6 points from which short traverses could be run.

MAGNETIC OBSERVATIONS:

No magnetic observation was taken due to the great amount of local attraction in the entire area.

STATISTICS:

Area, in square statute miles	0.4
Miles of shoreline, statute	5.3
Number of stations located	46

Approved and forwarded:

Wilbur R. Porter
Wilbur R. Porter,
Commanding FARIS.

Respectfully submitted:

Robert D. Singel
Robert D. Singel.
Ensign, C&GS.

Remarks

Decisions

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2		368762 U.S. & B
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4		369763
5		✓
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GEOGRAPHIC NAMES

Survey No. T 6914

Name on Survey	A	B	C	D	E	F	G	H	K	
Virginia										1
<u>Norfolk</u>										2
Willoughby Bay										3
<u>Naval Operating Base</u>										4
<u>Sewall Pt.</u>										5
										6
										7
Names underlined in red approved										8
by L. Heck 11/11/43										9
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MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
PHOTOSTAT OF

No. H
No. T T 6914

received August 4, 1943
registered August 4, 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
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RETURN TO

82	R. W. Knox
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W. R. Knox

DIVISION OF CHARTS

REVIEW SECTION - SURVEYS BRANCH

REVIEW OF TOPOGRAPHIC SURVEY

REGISTRY NO. 6914

Field No. 2

Virginia, Norfolk, Naval Operating Base
Surveyed June 1943; Scale 1:2,500
Instructions dated March 29, 1943

Plane Table Survey

Aluminum Mounted

Chief of Party - W. R. Porter
Surveyed by - R. D. Singel
Inked by - R. D. Singel
Reviewed by - R. H. Carstens
Inspected by - H. R. Edmonston, November 27, 1943

1. Adjoining Surveys

The present survey makes a satisfactory junction with T-6913a(1943) on the northeast and T-6913b (1943) on the south.

2. Comparison with Prior Surveys

T- 502 (1853-54)	1:20,000
T-2632 (1903)	1:20,000
T-2771 (1906)	1:10,000
T-3647 (1916)	1:30,000
T-3773 (1919)	1:10,000
T-4525 (1929)	1:10,000

Most of the present improvements were built after 1916 and do not appear on the surveys prior to 1919. Subsequent to the 1929 survey, changes have been made to many of the structures and new improvements have been added. The present survey adequately shows the topographic features and should supersede these prior surveys within the common area.

3. Comparison with Chart 400 (Latest print date 6-2-43)

a. Topography

Within the limits of the present survey the charted shoreline originates with the previously discussed surveys which need no further consideration, with chart letter 610 (1942) and blue-print 37393 (1943) showing changes in the vicinity

of the Naval Operating Base. The present survey is adequate to supersede these latter sources of topographic information.

4. Condition of Survey

Satisfactory.

5. Compliance with Instructions for the Project


Satisfactory.


6. Superseded Surveys


T- 502 (1853-54)	in part
T-2632 (1903)	" "
T-2771 (1906)	" "
T-3647 (1916)	" "
T-3773 (1919)	" "
T-4525 (1929)	" "

Examined and approved:


Chief, Surveys Branch


Chief, Division of Charts


Chief, Section of Hydrography


Chief, Division of
Coastal Surveys