

FE40

F00040

NOAA FORM 76-35A

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

DESCRIPTIVE REPORT (HYDROGRAPHIC)

Type of SurveyField Examination.....

Field No.

Office No.....FE-40.....

LOCALITY

StateVirginia.....

General LocalityNorfolk.....

LocalityNorfolk & Western Pier No.3.....

.....Lamberts Point.....

1943

CHIEF OF PARTY

.....W.R. Porter.....

LIBRARY & ARCHIVES

DATE1943.....

☆ U.S. GOV. PRINTING OFFICE: 1976-689-441

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.3 1943

MAY 1943

Fe-3
1943

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Hydrographic

Field No. 2 Office No.

LOCALITY

State VIRGINIA

General locality NORFOLK, VIRGINIA

Locality NORFOLK & WESTERN PIER NO. 3

LAMBERTS POINT

194 3

CHIEF OF PARTY

..... Wilbur R. Porter

LIBRARY & ARCHIVES

DATE JUN 5 1943

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. 2

REGISTER NO.

State VIRGINIA

General locality NORFOLK, VIRGINIA

Locality NORFOLK AND WESTERN PIER NO. 3 LAMBERTS POINT

Scale 1/2500 Date of survey May 5, 6, 11, 1943

Vessel PARIS

Chief of Party WILBUR R. PORTER

Surveyed by ROBERT D. SINGEL

Protracted by

Soundings penciled by

Soundings in fathoms feet FEET

Plane of reference M.L.W.

Subdivision of wire dragged areas by

Inked by

Verified by

Instructions dated MAY 5, 1943

Remarks: Soundings by lead line and positions by two ranges
or time and course.

This sheet was processed at the Norfolk Processing Office.

U. S. GOVERNMENT PRINTING OFFICE

DESCRIPTIVE REPORT

to accompany

HYDROGRAPHIC SHEET NO. 2 (FIELD)

PROJECT C.S. 305

1943

AUTHORITY:

This survey was executed in compliance with verbal orders from the Supervisor of the Southeastern District. These orders were in accordance with the requirements stated by A. F. Coon, Chief of Terminals in a letter to The Director dated May 5, 1943.

SCOPE:

Soundings were taken on both sides and seaward end of the Norfolk & Western Pier No. 3 at Lamberts Point. These soundings extended from the pier to the center line of both the north and south slips and from the shore end of the pier to the channel and from the face end of the pier to the channel.

CONTROL:

There was no triangulation available near enough to the pier to tie it into the net. It was also impossible to get a computed three point fix on the end of the pier. As this is a very local survey, intended only for securing necessary data for dredging operations, an exact geographical location was not deemed necessary.

SURVEY METHODS:

All soundings were taken by lead line and positions located by the intersection of ranges where this was possible and by time and a single range beyond end of the pier.

All soundings are on 10 meter centers. The instructions calling for 25 foot centers were not received until after the project was completed.

GENERAL:

A dinghy was used for all work and soundings plotted on the sheet at the end of the day. Ranges were set up at the end of the slips and across the dock. Soundings were taken at each of the intersections of the ranges and one between each range mark on the pier. Beyond the end of the pier the ranges at the inboard end of the slips were run and the soundings taken at time intervals.

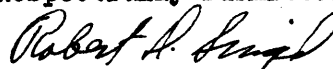
Near the bulkhead the bottom was largely covered with coal dust making bottom samples impossible. At the seaward end of the pier, soft mud made accurate sounding difficult.

Soundings were reduced to M.L.W. from tide gage located near Pier 2 of The Naval Operating Base.

STATISTICS:

Statue miles of sounding lines	2.2
Number of soundings	410
Number of positions	164

Respectfully submitted,



Robert D. Singel,
Ensign, C. & G. S.

APPROVED AND FORWARDED:



Wilbur R. Porter,
Chief of Party.

RDS/r

ADDENDUM

HYDROGRAPHIC FIELD SHEET NO. 2 (FARIS)

This sheet was processed at the Norfolk Processing Office.

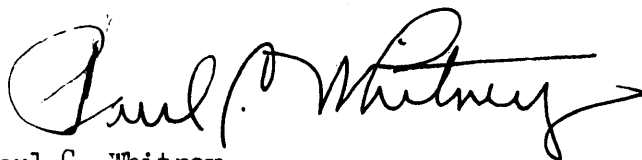
Respectfully submitted,



Isadore M. Zeskind
Associate Cartographic Engineer

Norfolk, Va.
June 1, 1943

Approved and forwarded.



Paul C. Whitney
Supervisor, S. E. District

