

4712

Form 504
Ed. June, 1923

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patton, Director U. S. COAST & GEODETIC SURVEY

LIBRARY AND ARCHIVES

JUN 2 1933

State: Virginia

DESCRIPTIVE REPORT

Topographic } Sheet No. "A" 4712
Hydrographic }

LOCALITY

York River, Vicinity of Yorktown

1935

CHIEF OF PARTY

John A. Bond, H. & G. Engr.

DESCRIPTIVE REPORT

To Accompany Topographic Sheet A. Vicinity of Yorktown, Va. Proj. HF-97

Instructions: May 3, 1933, and April 5, 1932.


Reference: Memo from Chief, Section of Field Records, dated April 11, 1933.

GENERAL REMARKS

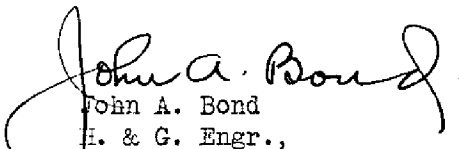
The sheet, surveyed on a scale of 1:5000, was executed for the purpose of locating the docks in the vicinity of Yorktown and Gloucester Point.

Usual survey methods, based on triangulation control established in 1904 and 1932, were used.

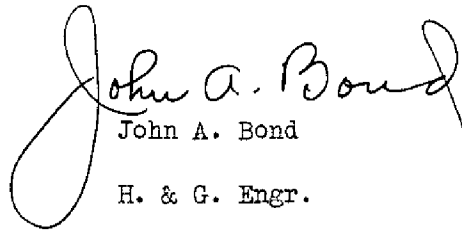
There are no unusual features of the survey worthy of special comment.


C. F. Chenworth
Aid, U.S.C. & G.S.

Approved:


John A. Bond
E. & G. Engr.,
Chief of Party

This is to certify that topographic sheet "A"
covering the survey of the wharves at Yorktown and
Gloucester Point has been inspected and is approved.

A handwritten signature in cursive script that reads "John A. Bond". The signature is written in dark ink and is positioned above the printed name and title.

John A. Bond

H. & G. Engr.

Chief of Party

REVIEW OF TOPOGRAPHIC SURVEY No. 4712

Title (Par. 56) *Gloucester Pt., Yorktown & Vicinity, York River, Virginia*

Chief of Party *J.A. Bond* Surveyed by *C.F. Chenworth* Inked by *C.F. Chenworth*

Ship *Mikawe* Instructions dated *Apr. 5, 1932* Surveyed in *May 1933*
May 3, 1933

1. The survey and preparation for it conform to the requirements of the Topographic Manual. (Par. 7, 8, 9, 13, 16.) *O.K.*
2. The character and scope of the survey satisfy the instructions. *O.K.*
3. The control and closures of traverses were adequate. (Par. 12, 29.) *O.K.*
4. ~~The amount of vertical control that the Manual specifies for contours and lines was accomplished. (Par. 18, 19, 20, 21, 22, 23.)~~
5. ~~The delineation of contours and lines is satisfactory. (Par. 49, 50.)~~
6. ~~There is sufficient control on maps from other sources that were transmitted by the field party to enable their application to the charts. (Par. 28.)~~
7. High water line ~~on marshy and mangrove coast~~ is clear and adequate for chart compilation. (Par. 16a, 43, 44.) *O.K.*
8. The representation of low water lines, reefs, coral reefs and rocks, and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41.) *Low water line not indicated. No reefs or rocks in this area.*
9. ~~Rocks and other important details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.)~~
10. ~~The span, draw and clearance of bridges are shown. (Par. 16c.)~~
11. ~~Locations and elevations of summits are given. (Par. 19, 51.)~~
12. ~~The tree line was shown on mountains. (Par. 16g.)~~

NOTE: Strike out paragraphs, words or phrases not applicable and modify those requiring it. Paragraph numbers refer to those in the Topographic Manual. Use reverse side for extending remarks.

13. The descriptive report covers all details listed in the Manual, in so far as they apply to this survey. (Par. 64, 65, 66, 67.) *O.K.*
14. ~~The descriptive report also contains additional information required in aero-topography relative to type of photographs, method of compilation and type of ground control.~~
15. The descriptions of recoverable stations and references to shore line were accomplished on Form 524. (Par. 29, 30, 57, 67 except scaling of IMs and DPs, 68.) *None furnished*
16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16d, e, 60.) *None furnished*
17. The magnetic meridian was shown and declination was checked. (Par. 17, 52.) *O.K.*
18. The geographic datum of the sheet is *North American Datum* and the reference station is correctly noted. (Par. 34.) *O.K.*
19. Junctions with contemporary surveys are adequate. *No contemporary surveys*
20. Geographic names are shown on the sheet ~~and are covered by the Descriptive report.~~ (Par. 64, 66k.) *O.K.*
21. The quality of the drafting is good. (Par. 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 45, 46, 47, 48, 49, 50.) *O.K.*
22. No additional surveying is recommended. *None recommended.*
23. The Chief of Party inspected and approved the sheet, ~~and the descriptive report after review by C. H. Chewworth.~~

24. Remarks: *The survey is only intended to supplement the existing surveys by the location of wharves and docks. There are no unusual features requiring comment.* This survey replaces a rejected survey by H. Odessey in May, 1932.
 Reviewed in office by *R. L. Johnston* Inspector: *E. P. Ricci*

Examined and approved:

R. O. Lobbit
 Chief, Section of Field Records

J. S. Borden
 Chief, Section of Field Work

W. H. Raquet
 Chief, Division of Charts

G. H. Hude
 Chief, Division of Hyd. and Top.

81-DRM

April 11, 1933.

SECTION OF FIELD RECORDS

Examination of hydrographic surveys Nos. 5217, a, b, and c, and
topographic survey No. 4712,

Submitted by Lieut. Herman Odessey, Ship GILBERT, from survey of
May, 1932, York River, Va.

It is considered that the instructions of April 5 to the Com-
manding Officer of the GILBERT were not carried out in this survey,
especially in regard to the purposes indicated in the first para-
graph and to the specific instructions in paragraphs 11, 12 and 15.

The survey departs from standard requirements and violates
good practice in some part in its methods and entirely in its sub-
mission. It is inadequate for the purpose of compiling the new
chart requested by the Navy and approved by the Planning Board.
Previous surveys in this vicinity were: topographic, in 1906, and
hydrographic in 1911.

For the above reasons it is considered that the survey should
not be retained in the files of the Chart Division, but should be
returned to the Division of Hydrography and Topography to be re-
tained until such time as it is practicable to complete the survey
of the area. The register numbers of the hydrographic and topogra-
phic sheets may be reserved.



Chief, Section of Field Records

Approved and forwarded:



Chief, Division of Charts.

E. H. P.
Chief, Div. of C.

*The sheets referred to above have been destroyed
and new surveys by J. A. Bond in 1933, bearing the
same register numbers, have been substituted.*

July 6, 1933



DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. 4712

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.

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES
MAY 31 1933
Acc. No. _____

Field No. A

REGISTER NO. **4712**

State Virginia

General locality York River

Locality Gloucester Pt., Yorktown and Vicinity

Scale 1 : 5,000 Date of survey May 17 to 19, 1933

Vessel MIKAWA

Chief of party John A. Bond, H. & G. Engr.

Surveyed by C. F. Chenworth, Aid.

Inked by C. F. Chenworth, Aid.

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated May 3, 1933 and April 5, 1932, 19____

Remarks: _____