

6467

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Form 504
Rev. Dec. 1933
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
R. S. PATTON, Director

DESCRIPTIVE REPORT

Topographic }
~~Hydrographic~~ } Sheet No. FF

U. S. COAST & GEODETIC SURVEY
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State North Carolina

LOCALITY

Neuse River

~~East of Clubfoot Creek~~

Great Island & Vicinity

193 5

CHIEF OF PARTY

John A. Bond

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DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

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. FF **6467**

REGISTER NO.

State North Carolina

General locality Neuse River

Locality ~~East of Clubfoot Creek~~ Great Island & Vicinity

Scale 1:10,000 Date of survey September, 1935

Vessel MIKAWA

Chief of party John A. Bond

Surveyed by C. F. Chenworth

Inked by C. F. Chenworth

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated _____ August 31, 1934

Remarks: _____

DESCRIPTIVE REPORT

To Accompany Topographic Sheet FF.

Instructions dated August 31, 1934
Project No. HT-197

Neuse River, N. C.
East of Clubfoot Creek

GENERAL DESCRIPTIONS

The sheet is a survey of the south shore of Neuse River from Clubfoot Creek northeastward about $3\frac{1}{2}$ miles to triangulation station Adams, 1913.

There is considerable marsh-land on the southwestern portion of the sheet with timber-land in the background. The area covered by the rest of the sheet is mostly wooded with a few scattered farms.

LANDMARKS

"Landmarks for Charts" will be made the subject of a separate report to be submitted for the entire project.

CONTROL

The control was adequate and in no case was it necessary to carry traverse for more than about a mile between control points, except in Long Creek where there was no triangulation station.

SURVEY METHODS


Standard Coast Survey methods were used throughout. Traverse was used entirely and all closures were satisfactory or were adjusted in the field.

Traverse was extended up Long Creek to its head. There was no point on the creek with which to tie in but great care was taken in the running of the traverse to guard against errors.

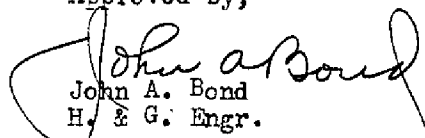
CHARACTER OF MARSHES

In most of the marsh on the sheet the bottom portion of the grass is not covered by high water and the marsh is fairly firm.

Submitted by,


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

Approved by,


John A. Bond
H. & G. Engr.
Chief of Party

Remarks

Decisions

1		
2	<i>T 1052 (1867) has "Courts Cr."</i>	<u>Courts</u>
3	<i>P. S. (6/19/36) a letter from S. Bond, C. of P. intimates that the authority for</i>	
4	<i>"Coacher" may be very weak; and he advises (in view of this) that</i>	
5	<i>"Courts" is used. (C. of P.)</i>	
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GEOGRAPHIC NAMES

Survey No. **6467**

On Chart No. **538**

On previous survey No. **T1052**

On U. S. quadrangle Maps

From local information

On local Maps

P. O. Guide or Map

Rand McNally Atlas

U. S. Light List

Name on Survey

	A	B	C	D	E	F	G	H	K
<u>Neuse River</u> ✓	*	✓					-		1
<u>Courts</u> <i>PKD</i>									2
<u>Coaches Creek</u> <i>6/19</i>									3
<u>Clubfoot Creek</u> ✓	*	✓							4
<u>Great Island</u> ✓	*	✓							5
<u>Long Creek</u> ✓	*	✓							6
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Names underlined in red approved
 by *[Signature]*
 on **6/2/36**

REVIEW OF TOPOGRAPHIC SURVEY No. 6467(1935) Field No. FFTitle (Par. 56) Great Island and Vicinity, Neuse River, N.C.Chief of Party John A. Bond Surveyed by C.F. Chenworth Inked by C.F. ChenworthShip MIKAWA Instructions dated Aug. 31, 1934 Surveyed in Sept. 1935
(NATOMA)

1. The survey and preparation for it conform to the requirements of the Topographic Manual. (Par. 7, 8, 9, 13, 16.) ✓
2. The character and scope of the survey satisfy the instructions. ✓
3. The control and closures of traverses were adequate. (Par. 12, 29.) ✓
4. The amount of vertical control that the Manual specifies for -contours-formlines- was accomplished. (Par. 18, 19, 20, 21, 22, 23.) ✓
No contours shown.
5. The delineation of -contours-formlines- is satisfactory. (Par. 49, 50.) No Contours shown. ✓
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.) None submitted. ✓
7. High water line on marshy ~~and mangrove~~ coast is clear and adequate for chart compilation. (Par. 16a, 43, 44.) ✓
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.) ✓
9. ~~Rocks and other important~~ ^{offshore} 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.)
except that the errors of closures were not listed. ✓
14. ~~The descriptive report also contains additional information required in aere 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 DMs and DPs, 68.) *None established due to adequacy of triangulation.* ✓
16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16d, e, 60.) ✓
17. The magnetic meridian was shown ~~and declination~~ *but there is no evidence that the declination* was checked. (Par. 17, 52.) ✓
18. The geographic datum of the sheet is *North American 1927* and the *values* of the reference station ~~is correctly noted.~~ *are based on a field adjustment. These are not available* (Par. 34.) ✓
19. Junctions with contemporary surveys are adequate. *The junction on the west with Air Photo Compilation: T-5566 will be considered in the review of that survey.* ✓
20. Geographic names are shown on the sheet ~~and are~~ *but are not* covered by the Descriptive report. (Par. 64, 66k.) ✓
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.) ✓
22. No additional surveying is recommended. ✓
23. The Chief of Party inspected and approved the sheet and the descriptive report ~~after review by~~ ✓
24. Remarks: *Aids to Navigation will be considered in the reviews of H-5962 (1935) and H-5963(1935).*

Reviewed in office by

Harold W. Murray
Inspected by A. L. Salant

May 29, 1936

Examined and approved:

G. K. Green
Chief, Section of Field Records

L. O. Pollock
Chief, Division of Charts

Fred. L. Peacock
Chief, Section of Field Work

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

complets

MEMORANDUM IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
~~PHOTOSTAT OF~~

No. ~~H~~

No. T 6467

received APR 21 1936
registered MAY 20 1936
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.

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RETURN TO

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C. K. Green

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