

6473

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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. MM

U. S. COAST & GEODETIC SURVEY  
LIBRARY AND ARCHIVES

APR 23 1936

Acc. No.

State North Carolina

LOCALITY

Neuse River

Lower Duck Creek <sup>to</sup> West of Slocum Creek

193 5

CHIEF OF PARTY

John A. Bond

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. MM **6473**

REGISTER NO.

State North Carolina

General locality Neuse River

Locality Lower Duck Creek to West of Slocum Creek

Scale 1:10,000 Date of survey November, 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 MM.

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

Neuse River, N. C.  
West of Slocum Creek

GENERAL DESCRIPTIONS

The sheet is a survey of Neuse River from Beard Creek to Lower Duck Creek on the north shore and from Slocum Creek about three miles to the westward on the south shore.

The area adjacent to the shoreline on both sides of the river is mostly wooded with a few small patches of farmland.

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, triangulation stations being about a mile apart.

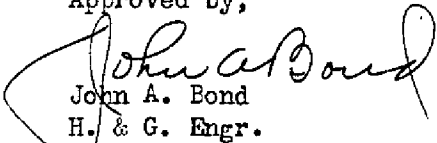
SURVEY METHODS

Standard Coast Survey methods were used throughout. Traverse was extended along the shoreline supplemented by resections and three point fixes. All closures were satisfactory.

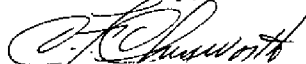
CHARACTER OF MARSHES

The marsh-land falling within the limits of the sheet is mostly firm and the bottom portion of the grass is not ordinarily covered by high water.

Approved by,

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

Submitted by,

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

Remarks

Decisions

	Remarks	Decisions
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GEOGRAPHIC NAMES

Survey No. **6473**

On Chart No. **538**  
 On previous survey No. **71051**  
 On U.S. Quadrangle Maps **71051**  
 From local information  
 On local Maps  
 P. O. Guide or Map  
 Rand McNally Atlas  
 U. S. Light List  
**KUSCP**

Name on Survey	A	B	C	D	E	F	G	H	K	
<u>Lower Duck Creek</u> ✓	*		✓	✓					✓	1
<u>Neuse River</u> ✓	*	✓	✓	✓			✓	✓	✓	2
<u>Anderson Creek</u> ✓	*	✓		✓					✓	3
<u>Slocum Creek</u> ✓	*	✓		✓				✓	✓	4
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Names underlined in red approved  
 by *(Signature)* on 6/2/36

## REVIEW OF TOPOGRAPHIC SURVEY No. 6473(1935) Field No. MM

Title (Par. 56) Lower Duck Creek to Slocum Creek, Neuse River, N.C.

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

Ship MIKAWA Instructions dated Aug. 31, 1934 Surveyed in November 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.) No low water line shown on survey. ✓
9. ~~Reefs and other~~ important <sup>offshore</sup> 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 error of closures of traverses 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.) *No stations 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 <sup>but there is no evidence that the declinatoire</sup> and 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.~~ (Par. 34.) *are based on a field adjustment. These are not available.* ✓
19. Junctions with contemporary surveys are adequate. *The junction on the west will be considered in the reviews of those surveys when that work is received from the field.* ✓
20. Geographic names are shown on the sheet ~~and are~~ <sup>but are not</sup> 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 discussed in the reviews of H-5962(1935) and H-5997(1935-36).*

Reviewed in office by

*Harold W. Murray* *May 29, 1936*  
*Inspected by A. L. Shalaby*

Examined and approved:

*G. H. Green*  
 Chief, Section of Field Records

*Fred. L. Peacock*  
 Chief, Section of Field Work

*L. O. Lobbert*  
 Chief, Division of Charts

*G. H. de*  
 Chief, Division of Hyd. and Top.

# MEMORANDUM

## IMMEDIATE ATTENTION

SURVEY  
 DESCRIPTIVE REPORT } No. ~~H~~  
~~PHOTOSTAT OF~~ } No. T **6473**

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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C. K. Green

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