

6471

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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. KK

U. S. COAST & GEODETIC SURVEY  
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APR 23 1936

Acc. No.

State North Carolina

### LOCALITY

Neuse River  
Beard Creek to  
Hancock Creek to Slocum Creek

195

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. KK **6471**

REGISTER NO.

State North Carolina

General locality Neuse River

Locality Beard Creek to Hancock Creek to Slocum Creek

Scale 1:10,000 Date of survey October, 19 35

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, 19 34

Remarks: \_\_\_\_\_

DESCRIPTIVE REPORT

To Accompany Topographic Sheet KK.

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

Neuse River, N. C.  
Hancock Cr. to Slocum Cr.

The sheet is a survey of Neuse River from Hancock Creek to Slocum Creek on the south shore and from a point about a mile west of Wilkinson Point to Beard Creek on the north Shore. ✓

The area adjacent to the shoreline on both sides of the river is partly wooded and partly farm-land. ✓

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. ✓

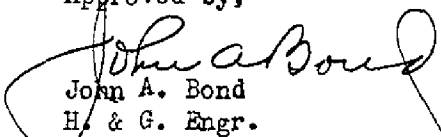
SURVEY METHODS

Standard Coast Survey methods were used throughout. Traverse was extended along the shoreline supplemented by resecting on stations across the river and by occasional three point fixes. All closures were satisfactory. ✓


CHARACTER OF MARSHES

The only marsh-land found within the limits of the sheet was along some small creeks. The bottom portion of the grass in the marsh is not usually 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

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GEOGRAPHIC NAMES  
 Survey No. 6471

On Chart No. 538  
 On previous survey No. 71051  
 On U. S. quadrangle Maps  
 From local information  
 On local Maps  
 P. O. Guide or Map  
 Rand McNally Atlas  
 U. S. Light List  
 T 6471

Name on Survey	A	B	C	D	E	F	G	H	K	
Beard Creek ✓	*	✓		✓			#			1
Mill Creek ✓		✓		✓					*●	2
Neuse River ✓	*	✓		✓			✓			3
Hancock Creek ✓	*	✓		✓						4
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Names declined in red approved  
 by *CCW* on 6/2/36

## REVIEW OF TOPOGRAPHIC SURVEY No. 6471(1935) Field No. KK

Title (Par. 56) *Beard Creek to Hancock 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 *October 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 this sheet.* ✓
9. ~~Rocks and other~~ <sup>offshore</sup> 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.) ~~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.) ~~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 <sup>but there is no evidence that the triangulation declinoaire</sup> ~~and declination~~ was checked. (Par. 17, 52.) ✓
18. The geographic datum of the sheet is <sup>North American 1927</sup> ~~and the values of the reference station is correctly noted.~~ (Par. 34.) <sup>are based on a field adjustment. These are not available.</sup> ✓
19. Junctions with contemporary surveys are adequate. ✓
20. Geographic names are shown on the sheet <sup>but are not</sup> ~~and are~~ 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: <sup>will be</sup> ~~Aids to Navigation have been discussed in the review of H-5962(1935) and H-5997(1935-36).~~

Reviewed in office by *Harold W. Murray* *May 29, 1936*  
*Inspected by A. T. DeLaunf*

Examined and approved:  
*L. N. Green*  
 Chief, Section of Field Records

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

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

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

# MEMORANDUM

## IMMEDIATE ATTENTION

SURVEY  
DESCRIPTIVE REPORT  
~~PHOTOSTAT OF~~

No. ~~H~~

No. T **6471**

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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