

6474

Form 504
Rev. April 1935
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Topographic }
~~Hydrographic~~ } Sheet No. NN

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

APR 23 1936

Acc. No.

State North Carolina

LOCALITY,

NEUSE RIVER

Vicinity of Goose Creek to

otter Creek

1935

CHIEF OF PARTY

John A. Bond

U. S. GOVERNMENT PRINTING OFFICE

6474

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. NN **6474**

REGISTER NO.

State North Carolina

General locality NEUSE RIVER

Locality Vicinity of Goose Creek to Otter Creek²⁰

Scale 1:10,000 Date of survey Oct.- Nov., 1935

Vessel LIKAWA

Chief of party John A. Bond

Surveyed by Edmund L. Jones

Inked by Edmund L. Jones

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 NM.

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

NEUSE RIVER,
Entrance to
Goose Creek

GENERAL DESCRIPTION

The sheet covers the shoreline of Neuse River from $\frac{1}{4}$ mile west of Lower Duck Creek to the entrance of Upper Broad Creek on the north shore and from $1\frac{1}{4}$ miles east of Otter Creek to a point southwest of Hampton Shoal Beacon.

The north shoreline is low and marshy with marsh grass from $\frac{1}{4}$ to 6 feet in height. A densely wooded area of cypress, gum and pine parallels the shore approximately 300 yards inshore.

The south shoreline is very ragged and covered with a fringe of marsh. The wooded area is on higher ground and closely parallels the shoreline.

The remains of an old dam is shown on Otter Creek.

CONTROL AND SURVEY METHODS

The 9 triangulation stations on this sheet are adequately spaced to give rigid control.

Resections and 3 point fixes were used entirely on this sheet.

The treeline was sketched from cuts and estimated distances.

CHARACTER OF MARSHES

The marsh area is covered with high grass and in most cases the lower portion is not covered by high tide.

NEW NAMES

There are no new names appearing on this sheet.

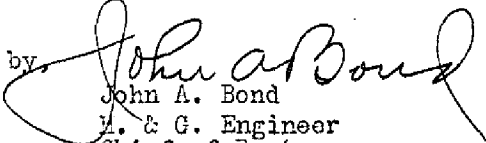
LANDMARKS

"Landmarks for Charts" and "Non-floating Aids to Navigation" have been submitted as separate reports.

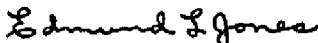
RECOVERABLE TOPOGRAPHIC STATIONS

Other than triangulation points, there are no recoverable stations in the area covered by this sheet.

Approved by


John A. Bond
M. & G. Engineer
Chief of Party

Submitted by,


E. L. Jones
Aid, C. & G. S.

Remarks

Decisions

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GEOGRAPHIC NAMES

Survey No. **6474**

On Chart No. **538**
 On previous survey No. **71018**
 On U. S. ~~quadrangle~~ **Index** 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</u> Creek <u>River</u> ✓	*	-	✓	✓			✓		✓	1
<u>Otter Creek</u>	*	✓		✓					✓	2
<u>Goose Creek</u> ✓	*	✓		✓					✓	3
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Names underlined in red approved
 by *E. J. D.* on 6/3/36

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY }
 DESCRIPTIVE REPORT } No. ~~H~~
 PHOTOSTAT OF } No. T **6474**

{ 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.

ROUTE		Initial	Attention called to
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RETURN TO

82	
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C. K. Green

REVIEW OF TOPOGRAPHIC SURVEY No. 6474

Title (Par. 56) *Goose Creek to Otter Creek, N. Carolina*Chief of Party *J.A. Bond* Surveyed by *E.L. Jones* Inked by *E.L. Jones*Ship *Mikawa* Instructions dated *Aug. 31, 1934* Surveyed in *Oct.-Nov. 1935*

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 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.) *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 details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.)

See Reverse Side

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.

Paragraph 9

T1018 (1866) and T1031 (1866)

This survey is in good agreement with the present survey generally, especially considering the marsh shore line which constitutes nearly the entire survey. New stumps, piles and docks appear on the present survey that did not show on the old surveys. Old docks which were shown on the old surveys are non-existent on the present survey. Minor changes in detail of shore line have also taken place, which is only natural along a river bank in a low country such as this.

T6474 supersedes T1018 in part.

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.) ✓
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 DMs and DPs, 68.) *None Submitted*
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 was checked. (Par. 17, 52.) *Declination checks value on chart*
No note of having checked declinatoire
18. The geographic datum of the sheet is *N.A 1927 (Adjusted)* and the reference station is correctly noted. (Par. 34.) ✓
19. Junctions with contemporary surveys are adequate.
Joins T 6476 (1935) on the West Joins T 6475 (1935) on the North (See D.R. & Review of T 6475 Par. 19)
Joins T 6473 (1935) on the South and East
20. Geographic names are shown on the sheet 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:

Reviewed in office by *Chas. R. Bush Jr. June 17, 1936.*

Examined and approved:

C. H. Green
Chief, Section of Field Records

L. O. Pollock
Chief, Division of Charts

Fred. R. Peacock
Chief, Section of Field Work

G. W. de
Chief, Division of Hyd. and Top.