

6477

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

# DESCRIPTIVE REPORT

*Topographic* }  
*Hydrographic* } Sheet No. .... RR

U. S. COAST & GEODETIC SURVEY  
LIBRARY AND ARCHIVES

APR 23 1936

Acc. No. \_\_\_\_\_

State ..... North Carolina

### LOCALITY

NEUSE RIVER - TRENT RIVER

Vicinity of New Bern, N. C.

193 5 - 36

CHIEF OF PARTY

John A. Bond

U. S. GOVERNMENT PRINTING OFFICE

6477

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. RR 6477

REGISTER NO.

State North Carolina

General locality NEUSE RIVER - TRENT RIVER

Locality Vicinity of New Bern, N. C.

Scale 1:10,000 Date of survey December-January, 1935-36

Vessel LIKANE

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 RR

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

Neuse River  
Trent River

### GENERAL DESCRIPTION

This sheet covers a portion of Neuse River from Fort Point to Duck Point, and the Trent River from James City to Long. 77° 05', together with their adjoining creeks. A sub-plan covers  $2\frac{1}{2}$  miles of the Neuse River from the N.S.R.R. bridge northwestward.

The area between the two rivers is mostly high land which is under cultivation. On the rest of the sheet the land is low and thickly covered with either brush, cypress, gum and pine trees or tall marsh grass.

### CONTROL AND SURVEY METHODS

The control consisted of 21 triangulation stations adequately spaced to give rigid control on this sheet except for a portion of the Trent River below station Ferry.

Three point fixes and resections were used over the greater part of the sheet. Traverse methods were supplemented by graphic triangulation where possible. On the unclosed traverses extra precautions were taken to guard against errors.

Traverse	Distance Statute Mi.	Closing error	Remarks
(Trent River)			
1 Station Ferry - 0 Age	1.7	—	Unclosed
2 0 Sik - 0 Sik (Brice Cr.)	2.3	2 m.	Not adjusted
3 0 Arm - 0 The (Duck Cr.)	1.0	—	Unclosed

On traverse 2 0 Sik was cut in from Station Ferry and was located by resections on Station Water Tank and several traverse stations on traverse 1. On traverse 3 0 Arm was located by a 3 point fix.

The tree line was sketched from cuts and estimated distances.

### CHARACTER OF MARSHES

The marsh area is covered with high marsh grass the lower portion of which, in most cases, is not covered by high water.

### NEW NAMES

The creek shown as Darkhorse Creek on chart 538 is known locally as Scotts Creek. It is also referred to as Scotts Creek on a bronze tablet set in the highway bridge crossing the creek at James City.

COMPARISON WITH PREVIOUS SURVEYS

The road shown on chart 538 at Station Ferry does not now exist. The bridge over Brice Creek is now located  $\frac{1}{4}$  mile to the west of the old location.

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.

Submitted by,

*Edmund L. Jones*

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

Approved by:

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

Remarks

Decisions

1		
2		
3		
4	"Haiti" in 1866	<u>James City</u>
5	called "Darkhouse Creek" in 1866 "Darkhorse" on chart 538	<u>Scotts Creek</u>
6	So named acct. Confed. fort was here	
7		
8		
9	recommend this <del>name</del> name be retained for a time, as it is a valuable "place name", even though a ferry is no longer operated there	
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GEOGRAPHIC NAMES

Survey No. **6477**

On Chart No. **538**  
 On previous survey No. **T 603**  
 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>Duck Creek</u> ✓	*	✓		✓						2
<u>Trent River</u> ✓	*	✓		✓						3
<u>James City</u> ✓	*			✓		✓				4
<u>Scotts Creek</u> ✓			✓	✓	✓				*	5
<u>Fort Point</u> ✓	*	✓		✓				✓		6
<u>Brice Creek</u> ✓	*			✓						7
<u>N. S. R. R.</u> ✓	*			✓						8
<u>Lewis Ferry</u> ✓	*			✓						9
										10
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Names underlined in red approved  
 by *E.S.D.* on 6/5/36

# MEMORANDUM

## IMMEDIATE ATTENTION

SURVEY  
DESCRIPTIVE REPORT  
~~PHOTOSTAT OF~~

No. ~~H~~  
No. T **6477**

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
20			
22			
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62			
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88			
90			

RETURN TO

82	
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C. K. Green

## REVIEW OF TOPOGRAPHIC SURVEY No. 6477

Title (Par. 56) *Vicinity of New Berry, North 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 *Dec. 1935*  
*Jan. 1936*

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

T1031 (1866)

This survey is in fair agreement with the present survey T6477, except where there have been man made Changes. New docks are shown on T6477, and old ones gone as shown on T1031.

The H. W. line even along the marshes is generally in fair agreement. A bridge shown on T1031 at Lat. 35°-04.'8 on the Trent River does not appear on T6477. From the name of the triangulation station nearby, it would seem that a ferry was in existence now at this point.

T6477 supersedes T1031 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 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 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 checked value on chart*
18. The geographic datum of the sheet is *N.A. 1927 (Adjusted)* and the reference station is correctly noted. (Par. 34.)  
*No note of having checked declinatoire*
19. Junctions with contemporary surveys are adequate. ✓  
*Joins T 6478 in the center of the survey*  
*Joins T 6476 (1935) on the 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:

*E. K. Green*  
Chief, Section of Field Records

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

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

*G. Wade*  
Chief, Division of Hyd. and Top.