

6475

1018

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

DESCRIPTIVE REPORT

Topographic }
~~Hydrographic~~ } Sheet No. PP

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

APR 23 1936

Acc. No.

State North Carolina

LOCALITY

NEUSE RIVER

Upper
Little Broad Creek & Goose Creeks

193 5

CHIEF OF PARTY

John A. Bond

U. S. GOVERNMENT PRINTING OFFICE

6475

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. PP **6475**

REGISTER NO.

State North Carolina

General locality NEUSE RIVER

Locality Upper Little Broad Creek & Goose Creeks

Scale 1:10,000 Date of survey November, 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 PP

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

NEUSE RIVER
Little Broad Creek
Goose Creek

GENERAL DESCRIPTION

The greater portion of both Little Broad Creek and Goose Creek are included on this sheet.

The shoreline is very irregular and marshy. A thick growth of brush, gum, cypress and southern pine parallels the general direction of the creeks.

The area is uninhabited except for a few fishermen living near the mouth of the creeks.

CONTROL AND SURVEY METHODS

Five of the eight triangulation stations appearing on this sheet were used in controlling the two creeks.

Azimuth marks set in the vicinity of triangulation stations Gander, Fuller and Sudan were used to orient the planetable.

Traverse methods were supplemented by graphic triangulation where possible. On the unclosed traverses extra precautions were taken to guard against error.

Traverse		Dist. Sta. Mi.	Closing error	Remarks
1	△Station Sudan - △Station Sat	2.1	2m	unadjusted
2	△Station Sudan - △Station Upper	2.0	5m	adjusted
3	△Station Upper - △Station Lee	0.8	6m	reran
	" " " "	0.8	2m	Unadjusted
4	Continuation of (3)	0.5	—	not closed
5	△Station Fuller - 0 Nab	1.8	3.5m	adjusted
6	△Station Gander to Northward	0.5	—	not closed

On traverse 3 it was necessary to orient on a distant adjusted station on traverse 2. Also on traverse 4 it was necessary to orient on a distant adjusted station on traverse 3 due to the absence of azimuth marks and lack of intervisibility of triangulation stations from the ground.

Between Stations Fuller and Gander the shoreline was rodded from three point fixes taken on stations which were cut in from the two triangulation stations.

The treeline was sketched from cuts and estimated distances

CHARACTER OF MARSHES

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

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.

Submitted by,

Edmund L. Jones

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

Approved by,

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

Remarks

Decisions

	Remarks	Decisions
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GEOGRAPHIC NAMES

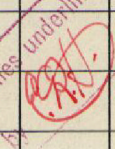
Survey No. **6475**

On Chart No. **538**
 On previous survey No. **T1018**
 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>Upper Broad Creek</u>	*	✓		✓					✓	1
<u>Goose Creek</u>	*	✓		✓					✓	2
										3
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Note: Nease River is off this sheet.

Names underlined in red approved
 on 6/2/36


MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
~~PHOTOSTAT OF~~

No. H—
No. T **6475**

{ 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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CLIP TO FILE

REVIEW OF TOPOGRAPHIC SURVEY No. 6475

Title (Par. 56) *Upper Broad & Goose Creeks, N. Carolina*Chief of Party *J.A. Bond* Surveyed by *E.L. Jones* Inked by *E.L. Jones*Ship *Mikawe* Instructions dated *Aug 31, 1934* Surveyed in *November 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.) ✓
Traverses with too large a closing error were rerun
4. ~~The amount of vertical control that the Manual specifies for contours-formlines was accomplished. (Par. 18, 19, 20, 21, 22, 23.)~~
5. ~~The delineation of contours-formlines 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.

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.) *None submitted*
17. The magnetic meridian was shown and declination was checked. (Par. 17, 52.) *No note of having checked declination*
18. The geographic datum of the sheet is *N.A. 1927 (Unadjusted)* and the reference station is correctly noted. (Par. 34.)
19. Junctions with contemporary surveys are adequate.
Joins T 6474 (1935) and T 6476 (1935) on the South
See reverse side
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. K. Green.
Chief, Section of Field Records

L. O. Lobert.
Chief, Division of Charts

Fred. L. Peacock
Chief, Section of Field Work

Glude
Chief, Division of Hyd. and Top.

Paragraph 9

T1018 (1866)

This survey is on a much smaller scale than the present survey, and only covers a very small part of the southern end of the present survey (T6475). The present survey is much more in detail.

Chart 538 does not cover the majority of this survey at all.

T6475 supersedes T1018 in part.

Paragraph 19

The junction of the H.W. Line at @ Hd, and on the East side of Broad Creek, is good. The tree line is in very poor agreement and should be accepted as shown on the present survey T6475.

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.) *None submitted*
17. The magnetic meridian was shown ✓ and declination was checked. (Par. 17, 52.) *No note of having checked declinatoire
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18. The geographic datum of the sheet is *N.A. 1927 (Unadjusted)* and the reference station is correctly noted. (Par. 34.)
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See reverse side*
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. K. Green.
Chief, Section of Field Records

L. O. Robert.
Chief, Division of Charts

Fred. L. Peacock
Chief, Section of Field Work

Glade
Chief, Division of Hyd. and Top.