

6472

1051

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

DESCRIPTIVE REPORT

Topographic }
~~Hydrographic~~ } Sheet No. LL

U. S. COAST & GEODETIC SURV
LIBRARY AND ARCHIVES

APR 23 1936

Acc. No.

State North Carolina

LOCALITY

NEUSE RIVER

Slocum Creek - Tucker Creeks

1935

CHIEF OF PARTY

John A. Bond

U. S. GOVERNMENT PRINTING OFFICE

6472

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. LL **6472**

REGISTER NO.

State North Carolina

General locality NEUSE RIVER

Locality Slocum Creek - Tucker Creeks

Scale 1:10,000 Date of survey October, 1935

Vessel MIKAWA

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 LL

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

Neuse River-
Slocum Creek
Tucker Creek

GENERAL DESCRIPTION

The sheet covers the main portions of Slocum and Tucker Creeks.

The shoreline is extremely soft and is bordered by a narrow strip of high marsh grass. The adjacent area is thickly covered with a heavy growth of bush, cypress, gum and pine trees.

CONTROL AND SURVEY METHODS

The control consisted of 5 triangulation stations spaced at about a mile apart. None of the stations were intervisible from the ground.

The planetable was oriented at Station Oliver and Station Slocum from azimuth marks set by the triangulation party.

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

Traverse		Dist. Stat. Mi.	Closing error	Remarks
1	ΔStation Slocum - ΔStation Mines	2.5	15 m	rerun
	" " "	2.5	5 m	adjusted
2	ΔStation Slocum - ΔStation Oliver	1.9	3 m	unadjusted
3	ΔStation Oliver - ΔStation Lock	1.2	5 m	adjusted
4	ΔStation Lock - O Hoy & O Adu	1.8	—	unclosed

Traverse 1 tied in with topographic sheet MM at O Ice (2 m. error) and at O Dit (no error). From O Fay, at mouth of Tucker Creek, the traverse was run without rodding in detail. Due to the large closure the traverse was rerun and the detail rodded.

Traverse 3 was run and adjusted before rodding in detail.

Traverse 4 was run from an adjusted position of a station on traverse 3 near Station Lock with an orientation on O Eva.

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
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		

GEOGRAPHIC NAMES

Survey No. **6472**

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
USCP

Name on Survey	A	B	C	D	E	F	G	H	K	
<u>Tucker Creek</u> ✓	*	✓		✓					✓	1
<u>Slocum Creek</u> ✓	*	✓		✓				✓	✓	2
										3
										4
										5
										6
										7
										8
										9
										10
										11
										12
										13
										14
										15
										16
										17
										18
										19
										20
										21
										22
										23
										24
										25
										26
										27

Names underlined in red approved
 by *P.A.R.* on **6/4/36**

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
~~PHOTOSTAT OF~~

} ~~No. H~~
No. T **6472**

{ 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			
24			
25			
26			
30			
40			
62			
63			
82			
83			
88			
90			

RETURN TO

82	
----	--

C. K. Green

REVIEW OF TOPOGRAPHIC SURVEY No. 6472

Title (Par. 56) *Slocum & Tucker Creeks, N. Carolina*Chief of Party *J. A. Bond* Surveyed by *E. L. Jones* Inked by *E. L. Jones*Ship *Mitawa* Instructions dated *Aug. 31, 1934* Surveyed in *Oct. 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.) -
Traverse rerun where closure was inadequate
4. ~~The amount of vertical control that the Manual specifies for contours for lines was accomplished. (Par. 18, 19, 20, 21, 22, 23.)~~
5. ~~The delineation of contours for 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. ~~Reeks 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

T1051 (1867)

This survey, on a 1:20000 scale covers the entire area of the present survey, on T6472, which is on a scale of 1:10000. Over a period of nearly 70 years there is bound to be changes in a river area in low country such as this. Only minor changes have taken place however. In some places points have built out, whereas in others they have been cut away. In the West branch of Slocum Creek an island was shown on the survey of 1867. This no longer exists but a point has made out in this locality.

The present survey T6472 supersedes T1051 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 IMs 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.) *Declination checks value shown on chart
No note of having checked declinoire*
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 6473 (1935) on the North
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. P. Bush Jr June 13/1936.*

Examined and approved:

E. H. Green
Chief, Section of Field Records

Fred. L. Peacock
Chief, Section of Field Work

L. O. Robert
Chief, Division of Charts

W. A. Wade
Chief, Division of Hyd. and Top.