

6468

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

DESCRIPTIVE REPORT

Topographic }
~~Hydrographic~~ } Sheet No. GG

U. S. COAST & GEODETIC SURVEY
LIBRARY AND MAPS
APR 23 1936
Acc. No. _____

State North Carolina

LOCALITY

NEUSE RIVER

Clubfoot Creek

1935

CHIEF OF PARTY

John A. Bond

6468

Applied to Chart Comp 538. June 16, 1939 H. Mae Swen

" " " Cor 420 Nov 13, 1939 K R

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. GG **6468**

REGISTER NO.

State North Carolina

General locality NEUSE RIVER

Locality Clubfoot Creek

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 GG

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

NEUSE RIVER
Clubfoot Creek

GENERAL DESCRIPTION

This sheet covers the shoreline of Clubfoot Creek and its adjoining creeks, together with about 1.2 miles of shoreline on Neuse River immediately to the west of the mouth of the creek.

The shoreline is marshy except for a ~~small~~^{small} number of stretches of sand on Neuse River. The area adjacent to the creek is mostly farm land with scattered patches of cut-over timber. A section of an old canal is shown at the head of Clubfoot Creek.

CONTROL AND SURVEY METHODS

The control consisted of 5 triangulation stations only two of which were intervisible from the ground. At Station Howard and Station Godett the planetable was oriented 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 error.

Traverse	Dist. Sta. Mi.	Closing error	Remarks
1 ΔStation Temple -ΔStation Run	1.8	3.5m	adjusted
2 ΔStation Temple -ΔStation Howard	2.7	3.0	adjusted
3 Mitchell Creek	1.9		unclosed
4 ΔStation Howard -ΔStation Godett	1.5	4.0	adjusted
5 ΔStation Godett to Southward	1.5		unclosed

Traverse 3 was run from an adjusted position on traverse 2 near @ Cab.

The tree line 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

The creek shown on Chart 538 as Mitchell Creek is known locally as Mitchell Creek. It is also shown on Geological Survey maps as Mitchell Creek.

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:,

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

Remarks

Decisions

	Remarks	Decisions
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GEOGRAPHIC NAMES

Survey No. 6468

On Chart No. 538
 On previous survey No. T1051
 On U. S. 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 Index	D	E	F	G	H	K	
<u>Neuse River</u> ✓	*	✓	✓				✓		✓	1
<u>Clubfoot Creek</u> ✓	*	✓						✓	✓	2
<u>Gulden Creek</u> ✓	*	✓		✓						3
<u>Mitchell</u> <u>Mitchell</u> <u>Creek</u> ✓	*	✓		<u>Mitchell cr</u>						4
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Names underlined in red approved
 by [Signature] on 6/3/36

REVIEW OF TOPOGRAPHIC SURVEY No. 646B (1935) Field No. GG

Title (Par. 56) *Clubfoot Creek, Neuse River, N. C.*Chief of Party *John A. Bond* Surveyed by *E. L. Jones* Inked by *E. L. Jones*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.) ✓
9. ~~Rocks and other~~ ^{offshore} important details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.)
SEE NOTE ON BACK ✓
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, continued

The two islets (charted) and the dock (charted) in lat. $34^{\circ} 54' 9''$, long. $76^{\circ} 45' 6''$ originating with T-1052 (1867) are not shown on the present survey. The islets fall in depths of 1 foot on H-5963 (1935) and have probably washed away. The dock has probably disintegrated and is no longer existent. These features should be disregarded in future charting.

The survey and preparation for it conform to the requirements of the Topographic Manual. (Part 7, 8, 9, 13, 15.)

The character and scope of the survey satisfy the instructions.

The control and closeness of traverses were adequate. (Part 18, 29.)

The amount of vertical control that the Manual specifies for contouring was accomplished. (Part 18, 19, 20, 21, 22, 23.)

The definition of contours is satisfactory. (Part 29.)

There is sufficient control on maps from other sources that were transmitted by the field party to enable their application to the charts. (Part 28.)

High water line on maps and nautical charts is clear and adequate for chart compilation. (Part 10c, 43, 44.)

The representation of low water lines, reefs, coral reefs and rocks and legends pertaining to them is satisfactory. (Part 36, 37, 38, 39, 40, 41.)

Reefs and other important details shown on previous surveys and on the charts were verified. (Part 25, 26, 27.)

SEE NOTE ON BACK

The span, draw and clearance of bridges are shown. (Part 16c.)

Locations and elevations of points are given. (Part 19, 21.)

The accuracy of measurements is satisfactory. (Part 16c.)

NOTE: Strike out paragraphs, words or phrases not applicable and modify those remaining. Paragraph numbers refer to those in the Topographic Manual, and are for expanding 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 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, ^{but there is no evidence that the declinator was} ~~and declination was~~ checked. (Par. 17, 52.) ✓
18. The geographic datum of the sheet is North American 1927 and the values ^{of the reference station is correctly noted.} ~~(Par. 34.) is based on a field adjustment. These are not available.~~ ✓
19. Junctions with contemporary surveys are adequate. ✓
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: Aids to Navigation will be considered in the review of H-5963 (1935). ✓

Reviewed in office by

Harold W. Murray

May 29, 1936

Inspected by A. J. Schlawf

Examined and approved:

B. K. Green

Chief, Section of Field Records

L. O. Tolbat

Chief, Division of Charts

Fred. L. Peacock

Chief, Section of Field Work

G. H. Hude

Chief, Division of Hyd. and Top.

complete

MEMORANDUM IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT } No. ~~11~~
PHOTOSTAT OF } No. T 6468

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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