DESCRIPTIVE REPORT

Topographic Sheet No. GG

Hydrographic

State: North Carolina

Locality:
NEUSE RIVER
ClubFoot Creek

1935

Chief of Party
John A. Bond

U.S. DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
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. 6468

State: North Carolina

General locality: NEUSE RIVER

Locality: Clubfoot Creek

Scale: 1:10,000 Date of survey: October 19, 1935

Vessel: LILAWI

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, 1935

Remarks: ***
DESCRIPTIVE REPORT

To Accompany Topographic Sheet GC

Instructions dated August 31, 1934
Project No. MT-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 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.

<table>
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<th>Traverse</th>
<th>Dist. Sta. Mi.</th>
<th>Closing error</th>
<th>Remarks</th>
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<tr>
<td>1</td>
<td>Station Temple - Station Run</td>
<td>1.8</td>
<td>3.5m</td>
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<td>4</td>
<td>Station Howard - Station Godett</td>
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<td>5</td>
<td>Station Godett to Southward</td>
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Traverse 3 was run from an adjusted position on traverse 2 near 8 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
H. & G. Engineer
Chief of Party
<table>
<thead>
<tr>
<th>Name on Survey</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>K</th>
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Names underlined in red are approved.
REVIEW OF TOPOGRAPHIC SURVEY No. 6468 (1935) Field No. GG

Title (Par. 56) Clubfoot Creek, Neuse River, N. C.

Chief of Party John A. Boud Surveyed by E. L. Jones Inked by E. L. Jones

Ship MIKANE Instructions dated Aug. 31, 1934 Surveyed in Oct. 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.)

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. 18a, 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 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.
The two-berth (charted) and the dock (charted) in lat. 34° 54' 9", long. 76° 45' 6" originally with T-1052 (1867) are not shown on the present survey. The ichels fall in depth of 1 foot on H-5768 (1935) and were partly raised on the rock. The rock has firmly dewatered and is no longer resistive. These features should be disregarded in future charting.
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 DNs 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. 15d, e, 60.)

17. The magnetic meridian was shown 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 are 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 ________.


Reviewed in office by

Examine and approved:

Harold Whitney
Chief, Section of Field Records

Fred. L. Peacock
Chief, Section of Field Work

L. H. Roberts
Chief, Division of Charts

E. E. Green
Chief, Division of Hyd. and Top.
MEMORANDUM
IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
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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RETURN TO

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C. K. Green