DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic
Hydrographic

Sheet No. DD 6417

State: North Carolina

LOCALITY

Head of Bay River
Upper Port

1935

CHIEF OF PARTY
John A. Bond

U.S. GOVERNMENT PRINTING OFFICE: 1934
Applied to Chart Correction: 20k, May 17, 1937, H.S.U.
Applied to Chart Compilation 53k, Aug 10, 1937, J.N.

"Broomfield 53k" 06/28/55, J.F.
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

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. ______

REGISTER NO.

State _______________ North Carolina

General locality _______________ Bay River

Locality _______________ Head of Bay River Upper Part

Scale 1:10,000 Date of survey _______________ June 19, 1935

Vessel _______________ MIKAVE

Chief of party _______________ John A. Bond

Surveyed by _______________ T. A. Rydingsvard

Inked by _______________ T. A. Rydingsvard

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 DD

Head of Bay River, North Carolina

Instructions dated August 31, 1934

Project No. HT-197

GENERAL DESCRIPTION

The sheet covers the upper end of Bay River from the meridian 76° 14' westward to Bayboro and was surveyed for the purpose of obtaining shoreline and hydrographic control in Bay River beyond the limits of the air-photo compilation sheet of Bay River, which is the meridian referred to.

SURVEY METHODS

Standard Coast Survey methods were used throughout. A traverse was run between triangulation stations TOR and BAYBORO, which closed satisfactorily, minor adjustments being made in the field.

LANDMARKS

No landmarks suitable for charting fall in the area covered by the sheet.

PLANETABLE POSITIONS

No recoverable positions other than triangulation stations were located on the sheet.

Submitted by,
T. A. Rydingsvard
Surveyor, C. & G. S.

Approved by:

[Signature]
John A. Bond
H. & G. Engineer
Chief of Party
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Names underlined in red approved by [Signature] on [Date].
MEMORANDUM
IMMEDIATE ATTENTION

SURVEY DESCRIPTIVE REPORT PHOTOSTAT OF
{ No. H  }
{ No. T 6417 }

received March 13, 1936
registered March 26, 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
82

C. K. Green Mar. 27 36
REVIEW OF TOPOGRAPHIC SURVEY NO. 6417 (1935) Field Letter DD

Title (Par. 56) Bay River, Upper Part, North Carolina

Chief of Party J. A. Bond Surveyed by T. A. Rydingsvard Inked by T. A. Rydingsvard


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. Except that no recoverable stations other than triangulation stations were located (par. 8)

3. The control and closures of traverses were adequate. (Par. 12, 29.)

4. The amount of vertical control that the Manual specifies for contours-fornlines- was accomplished. (Par. 10, 19, 20, 21, 22, 23.)

5. The delineation of -contours-fornlines- is satisfactory. (Par. 49, 50.)

No contours.

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.)

No maps 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.) Low water line not shown. It appears to be practically identical with the shore line.

9. Rocks and other important details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.)

No rocks in this area.

10. The span, draw and clearance of bridges are shown. (Par. 16c.) Shown on H-5904 (1935)

11. Locations and elevations of summits are given. (Par. 19, 51.)

No elevations shown.

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.) The descriptive report is not comprehensive, however, it covers most of the essential details.

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 as no recoverable stations other than triangulation stations were located.

16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16d, e, 60.) No landmarks suitable for charting fall in this area.

17. The magnetic meridian was shown and declination was checked. (Par. 17, 52.) Meridian shown but no evidence declinatoire was checked.

18. The geographic datum of the sheet is N.A. 1927 and the reference station is correctly noted. (Par. 34.)

19. Junctions with contemporary surveys are adequate. No plane table surveys join this survey.

20. Geographic names are shown on the sheet and are covered by the Descriptive report. (Par. 64, 66k.) Names were not discussed in the descriptive report.

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: This survey was for the purpose of obtaining shoreline and hydrographic control in the area beyond the limits of the air-photo compilation.

Reviewed in office by R.L. Johnston April 8, 1936.

Examined and approved:

C. W. Green
Chief, Section of Field Records

Fred L. Peacock
Chief, Section of Field Work

L. O. Dick
Chief, Division of Charts

Chief, Division of Hyd. and Top.