

6417

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

MAR 13 1936

Acc. No.

Form 501
Rev. Dec. 1933
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic } Sheet No. DD 6417
~~*Hydrographic*~~

State North Carolina

LOCALITY

~~Head of~~ Bay River

Upper Part

1935

CHIEF OF PARTY

John A. Bond

U. S. GOVERNMENT PRINTING OFFICE: 1934

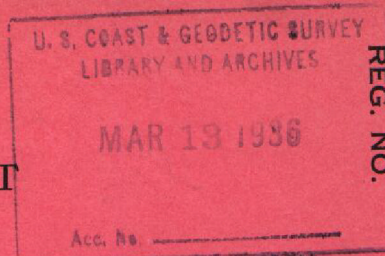
6417

Applied To Chart Correction 1281 May 19, 1937 H.E.M.

Applied To Chart Compilation 538 Aug 10, 1937 H.E.M.

" " Reconstruction 538 8/28/55 J.F.W.

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. DD

REGISTER NO.

State North Carolina

General locality Bay River

Locality Head of Bay River Upper Part

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

Vessel MIKAWA

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 $76^{\circ} 44'$ 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.

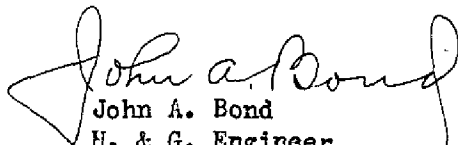
PLANETABLE POSITIONS

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

Submitted by,

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

Approved by:


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

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		
M 234		

GEOGRAPHIC NAMES

Survey No. T6417

Name on Survey	A On Chart No.	B On previous survey No.	C On U. S. Quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	
<u>Bayboro</u> ✓									1
<u>Bay River</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 1611 on April 11 '36

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT } ~~No. H~~
~~PHOTOSTAT OF~~ } 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.

ROUTE		Initial	Attention called to
20			
22			
24			
25			
26			
30			
40			
62			
63			
82			
83			
88			
90			

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 *J. A. Rydingsvard* Inked by *J. A. Rydingsvard*Ship *Mikawe* Instructions dated *Aug. 31, 1934* ^(Matoma) Surveyed in *June, 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.
~~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-formlines- was accomplished. (Par. 18, 19, 20, 21, 22, 23.)~~
5. The delineation of -contours-formlines- 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 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 IMs 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.*

Inspected by A. F. Schallert

Examined and approved:

C. H. Green
Chief, Section of Field Records

L. O. Lobnitz
Chief, Division of Charts

Fred. L. Peacock
Chief, Section of Field Work

Glade
Chief, Division of Hyd. and Top.