DESCRIPTIVE REPORT

State: North Carolina

Locality: Pamlico River

West of Bath Creek

Core Point to Mauls Point

1935

Chief of Party: John A. Bond

U.S. COAST & GEODETIC SURVEY
DEPARTMENT OF COMMERCE
FORM 504
Rev. Dec. 1923
R. S. PATTON, CHIEF
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. R

REGISTER NO. 410

State North Carolina

General locality Pamlico River

Core Point to Mauls Point

West of Bath Creek

Locality

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

Vessel MIKAWB

Chief of party John A. Bond

Surveyed by D. M. Watt

Inked by D. M. Watt

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 R.

Instructions dated August 31, 1934

Project No. HT-197

Famlico River

West of Bath Creek

GENERAL DESCRIPTION

This sheet covers both shores of Famlico River west of Bath Creek and all of Neuil and Duck Creeks.

Along the northern shore the general appearance from the water is wooded.

The group of buildings just west of station Tame is a summer camp with playgrounds in the opening north of the buildings.

The general appearance along the southern shore is wooded with prominent bluffs about 20 feet high where indicated. There are scattered farms but there usually are trees between the open cultivated areas and the high water line.

It is very shoal along this shore with occasional cypress trees growing in the water, sometimes as much as 8 meters outside of high water line. No attempt was made to locate these individual trees as the water is only 12 to 16 inches deep.

LANDMARKS

A list of landmarks for charts and non-floating aids to navigation will be submitted in a separate report.

CONTROL

The sheet was controlled with numerous triangulation stations established from 1933 to 1935 and adjusted in the field to the N.A. 1927 datum.

SURVEY METHODS

Standard Coast Survey methods were used throughout. Triangulation stations were first occupied and cots taken on all hydrographic signals. These points were later used for control points. Three point fixes supplemented these points where convenient. No traverses were run along the main river shore but were carried in the creeks.

RECOVERABLE PLANETABLE POSITIONS

Owing to the numerous triangulation stations no recoverable planetable positions were established.
GEOGRAPHIC NAMES

All geographic names shown on the sheet were taken from chart 537 and are well known locally. Camp Leach is the name of the camp just west of station Tane.

Submitted by,

D. M. Watt
Surveyor, C. & G. S.

Approved by,

John A. Bond
H. & G. Engineer
Chief of Party
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<td>Mauls Point</td>
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Names re-derived in red on 5/4/36 by [Signature]

Survey No. T6410
MEMORANDUM
IMMEDIATE ATTENTION

SURVEY DESCRIPTIVE REPORT
PHOTOSTAT OF

No. H
No. T 6410

received March 13, 1936
registered March 25, 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. 410(1937) FIELD NO. R

Title (Par. 56) Core Point to Moul's Point, Pamlico River, N.C.

Chief of Party J. A. Bond Surveyed by D. M. Watt Inked by D. M. Watt

Ship MIKAWA Instructions dated Aug. 21, 1934 Surveyed in April 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.)

   No error of is listed.

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. 40, 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 coast is clear and adequate for chart compilation. (Par. 15a, 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.)

   From Long. 76° 50'.0 to Long. 76° 51'.7 on North and from Long. 76° 51'.0 to Long. 76° 52'.4 on South verified, May 12, 1936. H.W.M.

   " 76° 51'.7 76° 54'.7 76° 52'.4 76° 53'.6 76° 54'.1 76° 55'.0 76° 55'.2 76° 55'.4 June 16, 1936 H.W.M.

   (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. 16e.)

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.

T-1270 (1874) shows a helibof (heliol) in lat. 35°25.5', long. 76°52.6', which is not shown on the present survey. All but probably disintegrated and should be disregarded in future checking.

June 16, 1936
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 aro-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 numerous A stations.

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 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.) are based on a field adjustment. These are not available.

19. Junction with contemporary surveys are adequate. The junction on the west will be considered in the review of that sheet when that work is received from the field. (Junction satisfactory 6/18/36.)

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 reviews of H-5941 (1935) and H-5950 (1935)

Reviewed in office by

Examinad and approved:

C. W. Green
Chief, Section of Field Records

Fred. L. Peacock
Chief, Division of Hyd. and Top.