State: North Carolina

LOCALITY
Pamlico Sound - Pamlico River
Durham Creek

1935

CHIEF OF PARTY
John A. Bond
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.: AA

REGISTER NO. 4416

State: North Carolina

General locality: Pamlico Sound - Pamlico River

Locality: Durham Creek

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

Vessel: MIKAWE

Chief of party: John A. Bond

Surveyed by: D. M. Watt

Inked by: D. M. Watt

Heights in feet above ground to tops of trees

Contour, Approximate contour, Form line interval: feet

Instructions dated: August 31, 1934

Remarks: ____________________________

______________________________
DESCRIPTIVE REPORT

To Accompany Topographic Sheet AA.

Instructions dated August 31, 1935
Pamlico River
Project No. HT-197
Durham Creek

GENERAL DESCRIPTION

This sheet covers all the shoreline of Durham Creek to the highway bridge and all of Porter and Lee Creeks. It is joined on the north by sheet Q.

The general appearance of this territory, from the water, is wooded with scattered farms. Near the head of the creek there is a strip of marsh of varying width up to 200 meters along the shoreline. It is wooded just behind this marsh area.

LANDMARKS

There are no landmarks for charts or non-floating aids to navigation on this sheet.

CONTROL

This sheet is controlled with triangulation established from 1933 to 1935 and adjusted in the field to the North American 1927 datum.

SURVEY METHODS

Standard Coast Survey methods were used throughout. Traverses were run between triangulation stations.

RECOVERABLE PLANETABLE POSITIONS

No recoverable planetable positions were established on this sheet.

GEOGRAPHIC NAMES

The geographic names shown in pencil on this sheet were taken from Chart 537 and are well known locally.

Submitted by,

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

Approved by,

John A. Bond
H. & G. Engineer
Chief of Party
<table>
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<th>B</th>
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MEMORANDUM
IMMEDIATE ATTENTION

SURVEY DESCRIPITIVE REPORT  }
PHOTOSTAT OF          }
No. H.                 }
No. T 6416              }
reoused 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

Gt. H. Wright Mar. 27 36
Title (Par. 56) Durham Creek, Pamlico River, N.C.

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

Ship MIKAVE
Instructions dated Aug. 31, 1934 Surveyed in July 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.) Except that the errors of closure were not 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. 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.) No low water line shown. What appears to be a low water line in some cases is labeled "grass." It is therefore assumed that several unlabeled areas are likewise grass limits.

9. Rocks and other important details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.) See Rev. of H. 5718 (411), par. 70, for disposition of several important features falling outside the high water line in lat. 35° 21' 9" long. 76° 56' 56" and 18° 38' 4" long. 76° 49'. See Note on back.

10. The span, draw and clearance of bridges are shown. (Par. 16e.)

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, continued.

the charted islet in lat. 35°21'7, long. 76°57'6 and lat. 35°22'9, long. 76°49'4 original with T-1219c(1871) and were not found on the present survey, the first islet was also faintly shown on the old hydrographic sheet, H-1100(1871). It falls close to a shall area on the present hydrographic survey and it is quite likely that the islet has eroded away. It should be disregarded in future charting. The second islet was not shown on the old hydrographic sheet. It falls in depths of 5 to 6 feet on the present hydrographic survey and an examination of the old topographic sheet shows that it may have been the pier in the word "CR".

Of Durham Creek and when the full name Creek was removed at the 1870, the pier is not regarded to be necessary. It 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-tomography 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 established aside from ∆ stations.

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

17. The magnetic meridian was shown and declination was checked. (Par. 17, 52.)

18. The geographic datum of the sheet is North America 1927 and the values of the reference station is correctly noted. (Par. 34.) Values will be checked when the adjusted values are available. 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, 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:

Reviewed in office by Harold Murray

Examiner and approved:

C. H. Green, Chief, Section of Field Records

Fred L. Peacock, Chief, Section of Field Work

L. D. Roblit, Chief, Division of Charts

I. A. Wade, Chief, Division of Hyd. and Top.