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

State: N. C.

DESCRIPTIVE REPORT

Locality
North Carolina
Pamlico River
Vicinity of North Creek

19.35

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. N

REGISTER NO. 6467

State North Carolina

General locality PAMLICO RIVER

Locality Vicinity of North Creek

Hickory Point to Long Point

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

Vessel MIKAWE

Chief of party John A. Bond

Surveyed by C. F. Chenworth

Inked by C. F. Chenworth

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated August 31, 1934

Remarks:

***
To Accompany Topographic Sheet N
Instructions dated August 31, 1934
Pamlico River
Victinity of North Creek
Project No. HT-197

GENERAL DESCRIPTIONS

The sheet covers the north shore of Pamlico River about
one mile each side of the entrance to North Creek, and the
south shore of the river from Hickory Point to Long Point.

This country is mostly low, wooded land or farm lands
behind a fringe of trees along the shore. Offshore it pre-

sents the appearance of being all wooded.

There are no settlements in this area and no features
outstanding enough to warrant special comment.

LANDMARKS

There are no objects within the limits of the sheet
suitable as landmarks.

CONTROL

The control was adequate. Triangulation stations were
so located that it was not necessary to extend traverses for
more than about a mile and a half, and all traverses were start-
ed and ended on triangulation stations.

SURVEY METHODS

Standard Coast Survey methods were used throughout. The
closure of the traverse extended between stations Hick and
Found on the south shore was negligible and no adjustment was
necessary. On the north shore the traverse between stations
North and Turn fell short of closing on station Turn by about
six meters and the traverse from station Cousin fell short of
closing on station Turn by about fifteen meters. This was
evidently due to a poor rating on the telemeters as both traver-

ses were rerun and identical results were obtained. In

addition, cuts were obtained on signals from the opposite side
of the river, which showed an increasing error in the direc-
tion of progress of the traverses. All of the topography on
the north shore was then adjusted by shifting signals in the
proper direction to close out on the triangulation stations and
to fall upon the cuts taken to them from the opposite side of
the river. The shoreline was then adjusted between the ad-
justed positions of the signals.
PLANETABLE POSITIONS

There were no natural objects which would make good permanent planetable positions, and no stations were marked because the triangulation control was considered plentiful.

CHARACTER OF MARSHES

The only marshlands within the limits of the sheet are narrow strips along some sections of the shoreline, which are seldom covered by high water.

Submitted by:

[Signature]

J. F. Chownworth
Aid, U.S.C.& G.S.

Approved by:

[Signature]

John A. Bond
H. & G. Engineer
Chief of Party
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Names unsubmitted in 4/12/36 by M 234.
MEMORANDUM
IMMEDIATE ATTENTION

SURVEY DESCRIPTIVE REPORT PHOTOSTAT OF
No. H
No. T640

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. 28 - 36
REVIEW OF TOPOGRAPHIC SURVEY No. 407(1935) Field No. N

Title (Par. 56) Vicinity of North Creek, Pamlico River, N.C.

Chief of Party John A. Bond Surveyed by C.F. Chenworth Inked by C.F. Chenworth

Ship Mikame Instructions dated Aug. 31, 1934 Surveyed in April 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.)

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, 45, 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.)

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.
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 DMs and DPs, 68.) No recoverable stations established except due to frequency of A stations.

16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 183, e, 60.) No objects suitable for landmarks. But there is no evidence that the declinatoire

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 is correctly noted. (Par. 34.) All values will be checked when the adjusted values are available 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, 29, 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:

Reviewed in office by Karl Witt, May 15, 1936

Examined and approved:

C. F. Green
Chief, Section of Field Records

Fred. R. Peacock
Chief, Section of Field Work

L. O. Dobson
Chief, Division of Charts

Chief, Division of Hyd. and Top.