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

DESCRIPTIVE REPORT
Topographic
Hydrographic
Sheet No. II 6406

State: North Carolina
Locality: Pamlico Sound - Pamlico River
Indian Island

1935
Chief of Party
John A. Bond

U.S. GOVERNMENT PRINTING OFFICE 1936
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. M

REGISTER NO. 6406

State  North Carolina

General locality  Pamlico River - Pamlico Sound

Locality  Indian Island

Scale  1:10,000  Date of survey  March 1935

Vessel  MIKAWA

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, 1935

Remarks:  

.................................................................................................................
DESCRIPTIVE REPORT
To Accompany Topographic Sheet M.

Instructions dated August 31, 1934
Project No. HT-197

North Carolina
Pamlico River
Indian Island

GENERAL DESCRIPTIONS

This sheet covers both shores of Pamlico River east of South Creek. It is joined on the west by sheet X, on the south by sheet Y and on the east by sheets J and L.

Along the north shore the general appearance, from the water, is wooded with several summer cottages along the beaches. Indian Island is uninhabited with wooded area mostly.

The south shore has wooded appearance from water but there are a few scattered farms with some open areas a short distance from the shoreline.

LANDMARKS

There are no landmarks on this sheet.

CONTROL

The sheet is controlled with triangulation established between 1914 and 1925 and adjusted in the field to the N.A. 1927 datum.

SURVEY METHODS

Standard Coast Survey methods were used throughout. Station Hindoo was occupied first and all hydrographic signals were cut in. Along the northern shore east of station North, the plan table positions were located by resection. Along the southern shore, east of station Bond, three point fixes were used for control. Traverses were run in the small creeks and around Indian Island.

GEOGRAPHIC NAMES

All geographic names shown on the sheet are well known locally.

Submitted by,

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

Approved by,

John A. Bond
L. & G. Engineer
Chief of Party
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*Names underlined to be dropped.*
MEMORANDUM
IMMEDIATE ATTENTION

SURVEY DESCRIPTIVE REPORT
PHOTOSTAT OF

No. II
No. T 6806

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 GRAPHIC CONTROL SURVEY T-6406, SCALE 1/10,000

Date of Review
April 27, 1936. (T-5554)
May 4, 1936. (T-5557)

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5554, 5557, with particular attention to the following details:
   
   (a) Projection has been checked in the Field.
   
   (b) Accuracy of location of plane table control points.  (see below).
   
   (c) Discrepancies between detail on this survey and the air photo compilations listed above.  none
   
   (d) Discrepancies found in descriptions submitted on Form 524 when compared with the air photo compilations listed above.  none

2. Refer to the reviews and descriptive reports of air photo compilations Nos. T-5554, 5557, for a more complete discussion of any errors or discrepancies found.

   Any material errors found on this survey are noted in subsequent paragraphs of this review, and these have been reported to the Field Records Section and the Cartographic Section. none

   Notes and corrections resulting from the review are shown on this survey in green.  none

   Comparison with T-5557.
   There is an error in the position of a Indian Island
   Site, On, 1733, on T-8464, about 13 w.
   Refer to Form 1733 for complete comparison.

   Leonard A. McLean
   Mfg. Jones
REVIEW OF TOPOGRAPHIC SURVEY No. 6406 (1935) Field No. M

Title (Par. 56) Indian Island, Pamlico River, N.C.

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

Ship MIKAWA Instructions dated Aug. 31, 1934 Surveyed in March 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.) None shown.

9. Rocks and other important details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.) From Lat. 35° 24′ 0″, Long. 76° 39′ 0″ to Lat. 35° 24′ 0″, Long. 76° 38′ 2″ verified, May 21, 1936. H. W. Murray. The remainder of the sheet has been verified in connection with the review of air photo sheets: T-5554 (1934) and T-5557 (1934).

10. The open, 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. 84, 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. No additional information submitted

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.) Now established.

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 NA 927 and the values of the reference station are correctly noted. (Par. 34.) are based on an adjustment made in the field. 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, 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 have been considered in the review of H-5919 (1935).

Reviewed in office by

Examined and approved:

Chief, Section of Field Records
Chief, Section of Field Work

Chief, Division of Charts
Chief, Division of Hyd. and Top.

May 21, 1936

Inspecting by 20th inst., May 28, 1936