

6406

Graphic Control

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

MAR 13 1936

Acc. No. _____

Form 504
Rev. Dec. 1933
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic } Sheet No. H 6406
Hydrographic }

State North Carolina

LOCALITY

~~Pamlico Sound~~ - Pamlico River

Indian Island

1935

CHIEF OF PARTY

John A. Bond

U. S. GOVERNMENT PRINTING OFFICE: 1934

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

REG. NO.

TOPOGRAPHIC TITLE SHEET

MAR 13 1936

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, 1934

Remarks: _____

DESCRIPTIVE REPORT

To Accompany Topographic Sheet M.

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

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 N, on the south ^{west} 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 1935 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 planetable 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. M. Watt
D. M. Watt
Surveyor, C. & G. S.

Approved by,

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

Remarks

Decisions

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GEOGRAPHIC NAMES

Survey No. T6406

Name on Survey	On Chart No. 537		On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
	A	B								
<u>Pamlico River</u>	*			✓			✓			1
<u>Indian Island</u>	*			✓			✓			2
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Names underlined in red approved
by *[Signature]* on 6/11/36

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
 DESCRIPTIVE REPORT } No. ~~H~~
~~PHOTOSTAT OF~~ } No. T 6406

{ 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
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RETURN TO

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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 Indian Island
Shoal, Br. 1933. on T-6406. - about 13 m.
Refer to Review of T-5557 for complete comparison.

Lemard A. McKenna.
V.B.G. 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 *MIKAWE* 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 closures 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~~ ^{offshore} important details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.)
From Lat. 35°24'0", Long. 76°38'0" to Lat. 35°24'8", Long. 76°38'2" verified. May 21, 1936. H.W. Murray.
The remainder of the sheet has been verified in connection with the reviews of air photo sheets: T-5554 (1934) and T-5557 (1934). ✓
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. *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.) *None established.* ✓
16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16d, e, 60.) *No landmarks in this area.* ✓
17. The magnetic meridian was shown ^{but there is no evidence that the declination} and ~~declination~~ was checked. (Par. 17, 52.) ✓
18. The geographic datum of the sheet is *NA 1927* and the values ~~of the reference station is 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

Harold W. Murray

May 21, 1936

Examined and approved:

Inspected by E. O. Fisher, May 28, 1936

Chief, Section of Field Records

Chief, Section of Field Work

Chief, Division of Charts

Chief, Division of Hyd. and Top.