DESCRIPTIVE REPORT

State: North Carolina
Locality: Bay River

Chapin

1935

Chief of Party
J. C. Bose
John A. Bond

U. S. GOVERNMENT PRINTING OFFICE: 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. A 6403a

REGISTER NO.

State North Carolina

General locality Bay River - Pamlico Sound

Locality Bay River Entrance

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

Vessel

Chief of party J. C. Bose

Surveyed by E. T. Sales

Inked by E. T. Sales

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated August 31, 1934

Remarks:

6 PC
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.: B' 6403 b

REGISTER NO.

State: North Carolina

General locality: Bay River - Pamlico Sound

Locality: Bath Island to Bear Creek

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

Vessel: 

Chief of party: J. C. Bose

Surveyed by: E. T. Sales

Inked by: E. T. Sales

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated: August 31, 1934

Remarks: ________________________________________________________________

______________________________________________________________
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. 6404a

REGISTER NO.

State North Carolina

General locality Bay River - Pamlico Sound

Locality Cabin Creek to Smith Creek

Scale 1:10,000 Date of survey April 1935

Vessel

Chief of party J. C. Boss

Surveyed by E. T. Sales

Inked by E. T. Sales

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated August 31, 1934

Remarks:
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. 6404 b

State
North Carolina

General locality Bay River - Sallie Sound

Locality Bonner Bay

Scale 1:10,000 Date of survey April 1935

Vessel

Chief of party J. C. Bose

Surveyed by E. T. Sales

Inked by E. T. Sales

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 Graphic Control Sheets A', B', C', and D'.

Bay River, North Carolina

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

GENERAL

This report is intended to cover graphic control sheets A', B', C' and D', surveyed by E. T. Sales, Surveyor, under Lieutenant J. C. Rose, Chief of Party. When the party of Lieutenant Rose was transferred to the OCEANOGRAPHER in the spring of 1935 the sheets, on which field work had been completed, were transferred to the undersigned for completion of office work on them. Sheets A' and B' were surveyed on opposite sides of one aluminum sheet as was also sheets C' and D'.

Before the sheets were transferred to the undersigned the shoreline was inadvertently inked by the topographer and the location of signals indicated by prick holes dotted with red ink and circumscribed by the usual red circle. Upon completion of the air-photo sheets of the area these graphic control sheets were compared with them by means of the new-type projector in the office of Lieutenant S. E. Grennell. Minor discrepancies in the shoreline were found, especially noticeable in the upper reaches of several of the small tributaries to Bay River. In as much as control for the air-photo sheets was plentiful and well distributed whereas several stretches of the work on the graphic control sheets depended on unclosed traverse, preference in the adjustment of discrepancies was given to the air-photo sheets.

Where the shoreline as projected from the air-photo sheets differed appreciably from that shown on the graphic control sheets the air-photo shoreline was traced in pencil, and has been so left on the sheet. In all areas wherein the two shorelines did not agree adjustment of the topographic signals was made, to agree with the air-photo shoreline. The adjusted position of each signal is now indicated on the sheets by the intersection of short pencil cross lines. Where cross lines are not shown at a signal it may be assumed that the red dot at the center of the station symbol is the correct location and checks the air-photo compilation.

In preparing the smooth hydrographic sheets of the area covered by these graphic control sheets the adjusted positions of the topographic signals as indicated by the above mentioned cross lines were used. Shoreline for the smooth sheets was obtained from the air-photo sheets.
SURVEY METHODS

Standard Coast Survey methods were used on the sheets except that on sheets C' and D' detail of shoreline was limited to that necessary for boat sheet purposes. On sheets A' and B' the shoreline was carefully rodded with the exception of the northern and western branches of Gale Creek (Sheet B'), in which areas the shoreline was sketched in sufficient detail for boat sheet purposes only.

All traverses on which closure was possible were within the allowable limit and were adjusted in the field.

LANDMARKS

There are no landmarks of sufficient importance for charting in the area covered by any of the sheets.

NEW NAMES

Geographic names, old as well as new, were inadvertently inked on the sheets by the topographer before they were transferred to the undersigned.

The following new names were recommended by the topographer as being in general local usage. The topographer also stated that he had been unable to determine their origin.

Sheet A'  Rockhole Bay  
Pine Tree Point
Sheet B'  Bonner Point
Sheet C'  Rice Creek  
Cabin Creek
Sheet D'  Rigg's Creek

The name "Fisherman Is" shown on chart 1231 at the entrance to Bay River off Bay Point should be deleted as these features no longer exist.

RECOVERABLE TOPOGRAPHIC STATIONS

Nine cards, Form 524, "Description of Recoverable Topographic Station" are forwarded with this report. All stations covered by these descriptions are U. S. Engineer marks.  

[Signature]

John A. Bond  
H. & G. Engineer  
Chief of Party
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<th>Name on Survey</th>
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MEMORANDUM
IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
PHOTOSTAT OF

No. H
No. T
6403ab
6404ab

received
registered
verified
reviewed
approved
March 13, 1936
March 26, 1936

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

C. K. Green
Mar. 28 - 36
REVIEW OF GRAPHIC CONTROL SURVEY T-6403a, SCALE 1/10,000

Date of Review: May 18, 1936 (T-5560)
June 18, 1936 (T-5563)

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5560, 5563, with particular attention to the following details:

(a) Projection has been checked in the field.

(b) Accuracy of location of plane table control points.

(c) Discrepancies between detail on this survey and the air photo compilations listed above, given below.

(d) Discrepancies found in descriptions submitted on Form 524 when compared with the air photo compilations listed above, none submitted.

2. Refer to the reviews and descriptive reports of air photo compilations Nos. T-5560, 5563, 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.

Notes and corrections resulting from the review are shown on this survey in green. Note made on green concerning shoreline in error.

Comp. with T-5560.
Survey T-6403a is in error on west shore of Rockhole Bay and from Bay Point to Boar Point (names on T-5560). Differences average about 15 mm. Shorelines are consistently out of position on T-6403 a in the above mentioned areas. Consult compilation T-5560 for shoreline over the common area.

See Page one of the preceding report T-6403 for a discussion of errors and adjustment of plane table detail.

[Signature]

[Signature]
REVIEW OF GRAPHIC CONTROL SURVEY T-6403b, SCALE 1/10,000

Date of Review: May 18, 1936 (T-5560)
May 19, 1936 (T-5561)

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5560, 5561, 5562, with particular attention to the following details:

(a) Projection has been checked in the Field.

(b) Accuracy of location of plane table control points.

(c) Discrepancies between detail on this survey and the air photo compilations listed above in review for T-5561.

(d) Discrepancies found in descriptions submitted on Form 524 when compared with the air photo compilations listed above. There are 9 cards. Two errors in scaling of positions were corrected and are shown marked on cards.

2. Refer to the reviews and descriptive reports of air photo compilations Nos. T-5560, 5561, 5562 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.

Notes and corrections resulting from the review are shown on this survey in green. Note made on green regarding obvious errors refer to the photo compilations mentioned above for correction where these refer to the preceding discrepancies referred to in T-6403 and T-6404 regarding errors and adjustment of plantable detail.

Leonard A. McGunn

C. E. Jones
REVIEW OF GRAPHIC CONTROL SURVEY T-64040, SCALE 1"/10,000

Date of Review

May 21, 1936 (T-5561)
June 15, 1936 (T-5562)

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5561, 5562, with particular attention to the following details:

(a) Projection has been checked in the field.

(b) Accuracy of location of plane table control points.

(c) Discrepancies between detail on this survey and the air photo compilations listed above, in review for T-5561.

(d) Discrepancies found in descriptions submitted on Form 524 when compared with the air photo compilations listed above. No cards submitted.

2. Refer to the reviews and descriptive reports of air photo compilations Nos. T-5561, 5562, 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. Note made in green concerning checking of errors.

Refer to the air photo compilations listed above for correct photographs in this area. See page 1 of the proceeding descriptive report T-6403 and T-6404 for regarding errors and adjustment of plane table detail.

Lemard G. Wiegand

T.G. Jones
REVIEW OF GRAPHIC CONTROL SURVEY T-6404b, SCALE 1/10,000

Date of Review
June 13, 1936 (T-5562)
June 18, 1936 (T-5563)

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5562 5563, with particular attention to the following details:

(a) Projection has been checked in the Field.

(b) Accuracy of location of plane table control points.

(c) Discrepancies between detail on this survey and the air photo compilations listed above.

(d) Discrepancies found in descriptions submitted on Form 524 when compared with the air photo compilations listed above.

2. Refer to the reviews and descriptive reports of air photo compilations Nos. T-5562 5563, 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.

Notes and corrections resulting from the review are shown on this survey in green. Note made in green concerning plan error.

Refer to the air photo compilations listed above for correct locations in this area. See Page 1 of report T6403, T6404 for a discussion of planetable errors and adjustment.

Leonard A. Hocking
B.G. Jones