DESCRIPTIVE REPORT

State: North Carolina
Locality: Bay River

1935

Chief of Party: J.C. Bose, John H. Bend

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:
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. B 6403 b

REGISTER NO.

State North Carolina

General locality Bay River - Pamlico Sound

Locality Ball's 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. C' 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:

_________________________________________________________
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. 6404 b

REGISTER NO.

State North Carolina

General locality Bay River - Swallow 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. Ross, Chief of Party. When the party of Lieutenant Ross 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. Grenell. 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'  Rookhole 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. (Sheet B')

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

SURVEY DESCRIPIVE REPORT
PHOTOGRAPHIC PHOTOSTAT OF

No. T 6403ab 6404ab

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-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.

(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-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 on T-6403a.

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-6403a 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.

Leonard A. Beebe

Sig. Jones
REVIEW OF GRAPHIC CONTROL SURVEY T-6403, 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 involving 7 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. Notes made in green regarding attributes in error refer to the photo compilations mentioned above for correct ortho-land use.

Page 1 of the preceding discrepancy report T-6403 and T-6404 regarding errors and adjustment of plats and detail.

Leonard A. McGuane
B.G. 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, T-5562.

(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 phreatic mounds.

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

Lemard R. McSweeney

T.R. Jones
1. This survey has been reviewed in connection with Air Photo Compilations Nos. T-6404, T-5562, T-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-6562, T-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 relative error.