

6183

U. S. COAST & GEODETIC SURVEY  
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6183

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

DESCRIPTIVE REPORT

Topographic } Sheet No. A 6183  
Hydrographic }

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State Georgia

LOCALITY

Clay County Colonels Island

Jointer Creek and vicinity

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1934

CHIEF OF PARTY

Hubert A. Paton

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

REG. NO.

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. A

REGISTER NO. **6183**

State Georgia

General locality Colonels Island

Locality Jointer Creek And Vicinity

Scale 1:10,000 Date of survey Feb., 1934, ~~1933~~

Vessel Party No. 26

Chief of Party Hubert A. Paton

Surveyed by J.M. LeRoy

Inked by H.C. Rowe

Heights in feet above \_\_\_\_\_ to ground to tops of trees

Contour, Approximate contour, Form line interval \_\_\_\_\_ feet

Instructions dated Dec. 5, 1933, ~~1933~~

Remarks: \_\_\_\_\_

DESCRIPTIVE REPORT  
TO ACCOMPANY  
SHEET A  
PARTY NO. 26 PROJECT H. T. 168

February 1934

INSTRUCTIONS:

The work on this sheet was done in accordance with instructions dated Dec. 5, 1933.

LIMITS:

This sheet covers an area extending from Turtle River to Little Satilla River, and about one mile east and west of Jointer Island.

METHODS:

The signals on this sheet were located by topographic triangulation, - the control stations being occupied and cuts taken to the signals. No traverses were run. All work was done in accordance with methods outlined in the "Topographic Manual" (Special Publication # 144).

CONTROL:

There are 8 triangulation stations on the sheet - all of which were recovered. The control was sufficient for the work.

DATUM:

The stations were first plotted on North American Datum. Later sufficient information was received from the Washington Office so that a factor could be applied to reduce the stations to North American 1927 Datum.

This was done by shifting the parallels 1 meter north and the meridians 3 meters east.

SHORELINE:

The shoreline of this area was traced from photographs by a party under Lieut (j.g.) S. B. Grenell, who made all the field inspection also. At first it was thought that only the hydrographic signals need be located by the topographer and the field work and the inking on this sheet had been completed before we were notified to rod-in some of the shoreline. As it was considered inadvisable to take the inked sheet into the field no shoreline was located.

With the exception of a short distance on the north side of Jointer Island, and northeast side of Colonels Island, the shoreline consists entirely of salt marsh with sloping banks of bare mud below the grass line. At extreme high waters this marsh has some water over it but the grass is not entirely covered.

The shoreline shown in pencil was partly traced and transferred from previous surveys and partly sketched roughly in the field. It is of no value.

NAMES:

Several new names are suggested-

Eastfield: Refers to the low marshy area between Colonels Island and Jointer Creek. So called by local inhabitants.

Cobbs Creek: The creek that runs by triangulation station Salt 1934 and enters Jointer Creek, so called by local fishermen.

Cedar Creek: The creek that runs from Jointer Creek and joins Brunswick River at triangulation station Cedar U.S.E. So called by local fishermen.

Long Creek: A creek that enters Jointer Creek from the northwest, just northwest of the north point of Jointer Island. So called by local fishermen.

It is recommended that the above names be adopted for use on the charts.

The name Colonels Island refers only to the high wooded portion of the island. It is sometimes called South Brunswick Island but the term is not sufficiently common to warrant the adoption.

JUNCTION:

This sheet joins sheet B on the east - sheet C on the south, and sheet G on the west. It joins sheet B on triangulation station Salt 1934. It joins sheet C on triangulation station Little 1934 and the following signals:

Signals	Discrepancies (meters)	
	Lat.	Long.
Cot	3	4
Bag	2	2
Fad	1	5
Gyn	1	2

It joins sheet G at triangulation station Sale 1934 and the following signals:

Signals	Discrepancies (meters)	
	Lat.	Long.
Num	0	1
Rab	0	1
Sip	1	2
Cor	0	1

On the north this sheet joins the work done in 1934 by Lieut. John A. Bond, commanding Launch MIKAWA. Triangulation Stations Col and New Aaron U.S.E. are common to the two sheets.

MAGNETIC MERIDIAN:

The Magnetic Meridian as obtained by Planetable Declinatoire has a variation of  $0^{\circ} 12'$  east of true Meridian.

The Declinatoire was checked at Brunswick Magnetic Station and was found to have an index correction of  $0^{\circ} 10'$  East, so the corrected declination is  $0^{\circ} 22'$  east.

*ans*  
*1/10/34*

PERMANENT MARKED STATIONS:

The following stations are recoverable and have been described on form # 524: Ban, Bit, Car, Dim, Gat, Nel, Ros, Tip, Tree, Vic. Since the field inspection for the compilation of the photo-topographic sheets had been made by Lieut. Grenell's party, no sketches were needed on these cards.

COMPARISON WITH OLD SURVEYS:

The topography on this sheet checks very well with that of old surveys, except as follows:

1. The section known locally as "Eastfield" and consisting of shallow wide basins and numerous marsh islands is shown as solid marsh on the old sheets.
2. The creek that is shown on the old survey flowing into Jointer Creek from the east directly opposite the southeast corner of Jointer Island, has practically closed and boats no longer attempt to pass through it.

LANDMARKS:

List of aids to navigation are appended hereto.

Approved and forwarded

*Hubert A. Paton*

Hubert A. Paton,  
Lieut. C. & G. S.,  
Chief of Party.

Respectfully submitted,

*J. M. LeRoy*

J. M. LeRoy,  
Surveyor, C. & G. S.



REVIEW OF GRAPHIC CONTROL SURVEY T-6183 , SCALE 1:10,000

Date of Review 9/21/75

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5725 , , 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- , , 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.

L. C. Landy  
✓ B. G. Jones