

# 6194a

U. S. COAST & GEODETIC SURVEY  
LIBRARY & DOCUMENTS

JAN 25 1950

Acc. No. \_\_\_\_\_

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

## DESCRIPTIVE REPORT

Topographic }  
~~Hydrographic~~ }

Sheet No. \_\_\_\_\_

6194a

State Georgia

### LOCALITY

Vicinity of Sapelo Sound  
Barbour Island River

Little Mud River

Swain River to

Little Mud River

1934

CHIEF OF PARTY

C. A. Egner

U. S. GOVERNMENT PRINTING OFFICE: 1934

A

# 6194a

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. 01

REGISTER NO. 61942

State Georgia

General locality Vicinity of Sapelo Sound  
Swain to

Locality Barbour Island River and Little Mud River

Scale 1/10,000 Date of survey October 1934

Vessel Field Party #23.

Chief of party C. A. Egner

Surveyed by S. E. Greicus

Inked by

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated December 5, 1933

Remarks: This sheet for Hydrographic and Topographic control only.

REPORT TO ACCOMPANY TOPOGRAPHIC SHEET

FIELD 0'

INSTRUCTIONS:

Executed under Instructions dated December 5, 1933.

PURPOSE:

For the purpose of revising existing surveys, and providing adequate control for future surveys.

LOCALITY:

This sheet covers the area of the Barbour Island River, and Little Mud River, both of which fall in the low marshy area east of Harris Neck, vicinity of Sapelo Sound.

INSTRUMENTS USED:

The usual planetable outfit was used exclusively.

CONTROL AND METHODS:

Control was furnished by the establishment of several new 3rd order triangulation stations based upon the 2nd order breakdown scheme of C. M. D. in 1932.

Additional topo signals were located by intersection with the planetable. This was facilitated by building them in a straight line wherever possible. The cuts were taken from the triangulation stations.

MARKING OF STATIONS:

Since several triangulation stations were established and marked in a permanent manner on this sheet, no additional topo signals were permanently marked. It is believed that for future revision work enough of these stations will be recoverable.

LANDMARKS:

None worthy of recording.

SHORELINE:

Only fragmentary pieces of shoreline in the immediate vicinity of triangulation, or well located topographic stations, was rodged in. This was done to assist in locating the shoreline from aerial photos.

GEOGRAPHIC NAMES:

Charted ones have been retained.

MAGNETIC MERIDIAN:

Taken at triangulation station FROM October 28, 1934.

CHANGES SINCE LAST SURVEYS:

Since this was never adequately surveyed before, it is impossible to make a satisfactory comparison.

VERTICAL CONTROL:

None.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "O. H. Jones".



REVIEW OF GRAPHIC CONTROL SURVEY T-6194a, SCALE 1,10000Date of Review *July 25, 1935*

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5117, , , 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-5117, , , 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.

*Shoreline on this survey is erroneous due to poor sketching and bad reading also interpretation. See T 5117 for correct location of shoreline.*

*7/29/35*

*L. C. Handy*

*B. G. Jones*

6194b

U. S. COAST & GEODETIC SURVEY  
LIBRARY AND ARCHIVES

JAN 25 1935

Acc. No. \_\_\_\_\_

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

DESCRIPTIVE REPORT

Topographic }  
Hydrographic }

Sheet No. .... P!

6194b

State ..... Georgia

LOCALITY

Vicinity of Sapelo Sound  
~~Julienston River~~

~~part Broro River~~

Harris Neck and

Four Mile Island

193 4

CHIEF OF PARTY

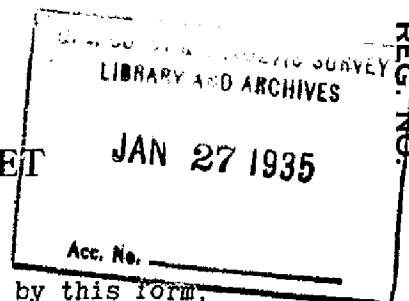
C. A. Egner

U. S. GOVERNMENT PRINTING OFFICE: 1934

6194b

DEPARTMENT OF COMMERCE  
U.S. COAST AND GEODETIC SURVEY

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. P'

REGISTER NO. **6194b**

State Georgia

Vicinity of Sapelo Sound  
General locality Harris Neck and Four Mile Island

Locality Julienston River and part Broro River

Scale 1/10,000 Date of survey October, 19 34

Vessel Field Party #23

Chief of party C. A. Egner

Surveyed by S. E. Gréicus

Inked by \_\_\_\_\_

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

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

Instructions dated December 5, 19 33

Remarks: This sheet for Hydrographic and Topographic control only.



REPORT TO ACCOMPANY TOPOGRAPHIC

SHEET FIELD P'

INSTRUCTIONS:

Executed under instructions dated December 5, 1933.

PURPOSE:

For the purpose of revising any existing surveys, and for providing adequate control for future surveys.

INSTRUMENTS:

Usual planetable outfit.

LOCALITY:

This sheet covers the main body of the Julienton River and a section of the Broro River from their junction with Sapelo Sound, and Sapelo River respectively.

CONTROL AND METHODS:

Control for the sheet was provided by a supplementary scheme of 3rd order triangulation based upon the second order breakdown scheme of C. M. D. in 1932-33 around Sapelo Sound. Hydrographic Signals were located by intersection from these triangulation stations. No traverses were run.

MARKING OF STATIONS:

Since numerous triangulation stations were established in this area, all marked and referenced in the accepted manner and a few additional natural objects located by intersection. None of the topographic signals were marked. For future revision surveys, sufficient of these marked stations should be recoverable.

LANDMARKS:

Nothing worth reporting is found on this sheet.

SHORELINE:

Only fragmentary pieces of shoreline in the immediate vicinity of triangulation, or well located topographic stations, was rodded in. This was done to assist in locating the shoreline from aerial photos.

GEOGRAPHIC NAMES:

Charted ones have been retained.

MAGNETIC MERIDIAN:

Taken at triangulation station CONTENT  
October 28, 1934.

CHANGES SINCE PREVIOUS SURVEYS:

Since this was never adequately surveyed before, it is impossible to make a satisfactory comparison.

VERTICAL CONTROL:

None.

Respectfully submitted,

*W. J. H. H. H.*

REVIEW OF GRAPHIC CONTROL SURVEY T-61946, SCALE (1:816,000)

Date of Review

July 25, 1935

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5117, , 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. *below*
  - ✓(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-5117, , 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.

*Shoreline added in on the survey is erroneous due to poor red reading from sketching and interpretation. See T5117 for correct location*

7/29/35

*L. R. Lande  
B. G. Jones*