

6162a

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

JAN 21 1935

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. J 6162a
~~Hydrographic~~

State Georgia

LOCALITY

Altamaha Sound

Darien to South Altamaha River

193 4

CHIEF OF PARTY

J. A. Bond

U. S. GOVERNMENT PRINTING OFFICE: 1934

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DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

U.S. COAST & GEODETIC SURVEY
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DEC 29 1934

Acc. No. _____

REG. NO. 61622

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. J.

REGISTER NO. 61622

State Georgia

General locality Altamaha Sound

Locality Darien to South Altamaha River

Scale 1/10,000 Date of survey Feb. - Apr., 1934

Vessel MIKAWA

Chief of party J. A. Bond

Surveyed by D. M. Watt

Inked by

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated Dec. 5, 1933

Remarks:

DESCRIPTIVE REPORT

To Accompany Topographic Sheets
C. G. J. & K.

St. Simon Sound to Doboy Sound, Ga.

PROJECT NO. HT-167

INSTRUCTIONS

Work on these sheets was executed in accordance with Director's instructions dated December 5, 1933, to Commanding Officer, Launch MIKAWA.

PURPOSE

These sheets were executed for the purpose of locating signals for hydrographic control, aids to navigation not previously located by triangulation and to furnish supplemental data for the reduction of air photos. Shoreline for use on boat-sheets was sketched in the field.

SCOPE

Sheet C. includes the shoreline of Brunswick River from Longitude $81^{\circ} 29'$ to St. Simon Sound. This sheet joins Sheet B. on the west and Sheet D. on the north.

Sheet G. covers Buttermilk Sound and part of Altamaha River, joining Sheet H. on the east Sheet F. on the south, Sheet J. on the west and Sheet K. on the north.

Sheet J. covers South Altamaha River, a portion of Altamaha River and the Darien waterfront on Darien River. This sheet joins Sheet G. and K. on the east.

Sheet K. covers the Darien and Rockdedundy Rivers. This sheet joins Sheet J. on the west and Sheets L. and M. on the east.

CONTROL

Existing triangulation was used for control.

METHOD OF SURVEY

Signals for hydrography were located by graphic triangulation from triangulation stations. Positions determined by three point fixes were used, when triangulation stations were not conveniently located. Short stretches of shore line were rodded in to aid in aero-photography reduction.

On Sheet J. a traverse was run through South Altamaha River for control and adjusted in field. The Darien Harbor was rodded in on this sheet.

DESCRIPTION

With the exception of a short stretch of high ground along Darien waterfront all the shoreline is marshy with grass 3 to 7 feet high.

RECOVERABLE TOPOGRAPHIC STATIONS

Marked topographic stations located on this sheet are listed in accompanying table and separate descriptions for each furnished on Form 524.

Respectfully submitted:

D.M. Watt
Surveyor, C. & G. S.

Approved & Forwarded

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

RECOVERABLE TOPOGRAPHIC STATIONS

SHEET C.

Name	Latitude o ' Meters	Longitude o ' Meters	Description
Glu	31 07 532	81 24 1118	N.W. corner of wooden bulkhead at landing

SHEET J.

Name	Latitude o ' Meters	Longitude o ' Meters	Description
One	31 19 1350	81 26 1270	Center light on Altamaha River Swing Bridge.
Sis	31 20 543	81 24 849	4x4 cypress post
Fag	31 18 496	81 25 139	4x4 cypress post
chy	31 19 878	81 26 68	North white chimney large brown house.
Vex	31 19 869	81 26 67	South white chimney large brown house.

Sheet K.

Name	Latitude o ' Meters	Longitude o ' Meters	Description
Top	31 20 1469	81 25 82	4x4 cypress post
Gun	31 21 1128	81 21 347	4x4 cypress post
Vex	31 22 1004	81 21 525	4x4 cypress post

REVIEW OF GRAPHIC CONTROL SURVEY T-6162a, SCALE 1:10000

Date of Review 8/9/35

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5122, , , 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-5122, , , 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. Lande

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R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic } Sheet No. VI 6162b
~~Hydrographic~~

State Georgia

LOCALITY

St. Simon Sound

Buffalo Creek

193 4

CHIEF OF PARTY

C.A. Egner

U. S. GOVERNMENT PRINTING OFFICE: 1934

6162b

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

DEC 29 1934

TOPOGRAPHIC TITLE SHEET

Acc. No.

REG. NO. 6162b

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. V.

REGISTER NO. 6162b

State Georgia

General locality St. Simon Sound

Locality Buffalo Creek

Scale 1/10,000 Date of survey November, 1934

Vessel Party No. 23

Chief of party C. A. Egner

Surveyed by G. R. Dietz

Inked by J. G. Patterson

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 is for topographic and hydrographic control only

DESCRIPTIVE REPORT
TO ACCOMPANY
TOPOGRAPHIC SHEET V'

Project: F. P. #
Party: No. 23
Year: 1934
State: Georgia
General Locality: Upper Turtle River
Locality: Buffalo Creek
Adjoins Sheet: AM
Sheet on reverse: JM
Scale: 1/10:000
Datum: N. A. 1927
Chief of Party: C. A. Egner
Topographer: G. R. Dietz.
Date of Instructions: Dec. 5, 1938
Inked by J. G. Patterson

INSTRUMENTS USED:

The usual plane-table outfit was used. Since there were many triangulation stations throughout this sheet, traverses were unnecessary for the location of topographic signals, and in most cases all cuts were taken from the triangulation stations with a few from three point set-ups, insuring accurate locations.

At selected points a section of the shore line was rodded in to assist the photo-compilation unit in tying down the general shoreline.

PURPOSE OF
SURVEY:

To locate signals for hydrography, to revise existing surveys, to provide permanent points for future surveys, to assist the photo-compilation unit in providing the general topography.

MARKING OF
STATIONS:

It was considered that there were sufficient permanently marked triangulation stations to provide for future surveys without marking any topographic stations.

LANDMARKS:

There are none on this sheet.

RECOVERABLE
STATIONS:

See paragraph "Marking of Stations" above.

GEOGRAPHIC
NAMES:

No new names other than those charted were found.

MAGNETIC
MERIDIAN:

Taken from set-up at triangulation station WET
on Nov. 9, 1934.

METHOD OF
TRANSFER OF
SIGNALS TO
HYDROGRAPHIC SHEET:

Triangulation by d.m. and d.p's.

all other stations by tracing.

VERTICAL
CONTROL:

None.

CHANGES SINCE
PREVIOUS SURVEYS:

Since the general topography depends upon aerial photography, determination of this must await the completion of the photo-compilation. It is expected that, due to the nature of this marshy land, considerable change will be found in the shoreline.

MISCELLANEOUS:

Signals were built on range so as to provide maximum control with the minimum number of signals. Signals ~~Mar~~^{REC}, REC, TRY, DIE, and triangulation station MARSH are on range. Signals WET, HAF, MID, GO, and CREEK are on range. Stations WET, SKY, and TRO are on range. Signals BUZ, CON, and BAD are on range.

Respectfully submitted,

G. R. Dietz
G. R. Dietz

Approved and forwarded;

C. A. Egner
C. A. Egner, Chief of Party

REVIEW OF GRAPHIC CONTROL SURVEY T-61626 , SCALE 1:10,000

Date of Review 9/21/35

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5125, , , 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-5125, , , 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