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U. S. COAST & GEODETIC SURVEY
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Form 504
Ed. June, 1928

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. Patton, Director

State: GEORGIA

DESCRIPTIVE REPORT

6173 6174

Topographic
~~Hydrographic~~ } Sheet Nos. A and E

LOCALITY

St. Simon Sound
(A) Turtle River
Georgia.

St. Simon Island
~~(B)~~ Troup Creek To Hawkins Creek
PROJECT No. [illegible]-167

1934

CHIEF OF PARTY

John A. Bond, H. & G. Engr.

U. S. GOVERNMENT PRINTING OFFICE: 1931

6173
6174

Form 537a
Ed. Nov. 1929

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

Acc. No.
DEC 29 1934
U.S. COAST & GEODETIC SURVEY
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REG. NO. 6173

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. E (M)

REGISTER NO. 6173

State Georgia

General locality St. Simons Island

Locality Troup Creek to Hawkins Creek

Scale 1/10,000 Date of survey Oct. JAN. FEB. MAR., 19 34

Vessel Party No. 23, LCH MIKAWE

Chief of party C. A. Egner, J. A. Bond

Surveyed by G. R. Dietz, T. A. RYDINGSVARD

Inked by J. G. Patterson

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated Dec. 5, 19 33

Remarks: This sheet for topographic and hydrographic control only.

Form 537a
Ed. Nov. 1929

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. 6174

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. 6174

State Georgia

General locality St. Simon Sound

Locality Turtle River

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

Vessel MIKAWE

Chief of party J. A. Bond

Surveyed by T. A. Rydingsward

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:

R

DESCRIPTIVE REPORT

To Accompany Topographic Sheets A. and E.

Vicinity of St. Simon Sound, Georgia

INSTRUCTIONS

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

SCOPE

Sheet A. is a survey of turtle River from latitude 31° 10' 45" to mouth of Dillard Creek. This sheet joins Sheet B. on the south.

Sheet E. is a survey of Frederice, Little and Back Rivers from latitudes 31° 11' north to 31° 13½'. This sheet is joined on the south by Sheet D. and on the north by Sheet F.

DESCRIPTION

All of the shore line on Sheet E. was marshy with grass from 3 to 7 feet high. The shore line on Sheet A. was marshy with the exception of a stretch of sandy beach, approximately 1500 meters long on the west bank of Turtle River, north of Turtle River Bridge. The marsh grass in this area ranged from 2 to 4 ft. in height.

CONTROL

Existing triangulation was used for control.

METHOD OF SURVEY

On Sheet A. signals for hydrography were located by cuts from triangulation stations and from occasional positions determined by resection and three point fixes.

On Sheet E. the majority of signals were cut in from positions determined by three point fixes. Twelve foot towers were built for these set-ups.

RECOVERABLE TOPOGRAPHIC STATIONS

On account of the large number of triangulation stations available in the areas covered by sheet A. no topographic stations were permanently marked. On Sheet E. three topographic stations were marked by 4x4 cypress posts, projecting about 4 feet above ground. These stations are listed on an accompanying sheet and descriptions of each are furnished separately on Form 524.

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.

Respectfully submitted:

T. A. Rydingsvard
Surveyor, C. & G. S.

Approved & Forwarded:

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

RECOVERABLE TOPOGRAPHIC STATIONS

SHEET E. T-6173

Name	Latitude			Longitude			Description
	°	'	Meters	°	'	Meters	
Sin	31	12	301	81	24	1414	4x4 cypress post
May	31	11	1730	81	26	1309	30" square block of concrete.
Yol	31	11	924	81	27	793	Brick engine foundation of old mill.

REVIEW OF T-6174

This sheet has been reviewed in the office in conjunction with the review of Air Photo Compilation No. T-5225 with the following results:

1. The inked projection does not agree with the original projection which is shown by the points pricked at the intersections. No errors in location of topographic stations has been introduced, as the triangulation was plotted from the original projection.

2. The error in locating the dock at lat. 31°11.2', long. 81°31.6' was probably caused by sketching.

For topographic details in this area see Air Photo Compilation No. T-5225

V. R. Sobieralski

S. G. Jones

U. S. COAST & GEODETIC SURVEY
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SUPPLEMETAL REPORT TO

ACCOMPANY TOPOGRAPHIC

SHEET NO. E (M)

PARTY NO. 23

C. A. EGNER, CHIEF OF PARTY.

SUPPLEMENTAL REPORT TO

ACCOMPANY TOPOGRAPHIC

SHEET E (M)

- -

PROJECT: F. P. 4

PARTY: No. 23

YEAR: 1934

STATE: Georgia

GENERAL LOCALITY: St. Simons Island.

LOCALITY: Frederica River

ADJOINS SHEETS: D(M), F(M)

SHEET ON REVERSE SIDE: None

SCALE: 1/10,000

DATUM: N.A. 1927

CHIEF OF PARTY: C. A. Egner

TOPOGRAPHER: G. R. Dietz.

DATE OF INSTRUCTIONS: Dec. 5, 1933

INKED BY: J. G. Patterson.

INSTRUMENTS
USED:

The usual planetable outfit was used. Signals were located by cuts taken from setups on stations previously located on this sheet by the party of the MIKAWE.

PURPOSE OF
SURVEY:

To locate signals for hydrography, to revise existing surveys, and to assist the photo conpilation unit.

MARKING OF
STATIONS:

none marked.

LANDMARKS:

None worthy of the name.

RECOVERABLE
STATIONS:

See paragraphy "Marking of Stations" above.

GEOGRAPHIC
NAMES:

No changes in the charted names.

METHOD OF TRANSFER OF SIGNALS
TO HYDROGRAOHIC SHEETS:

Signals were transferred by tracing.

VERTICAL
CONTROL:

None.

MISCELLANEOUS:

In order to do hydrography in Dunbar Creek it was necessary to establish additional signals which are USE, PINE, OFF, LOW, and UP on this sheet which was originally executed by the party on the MIKAWE.

This report is supplemental to report written by the MIKAWE party.

Respectfully submitted,

G. R. Dietz.

Approved and forwarded;

C. A. Egner, Chief of Party.