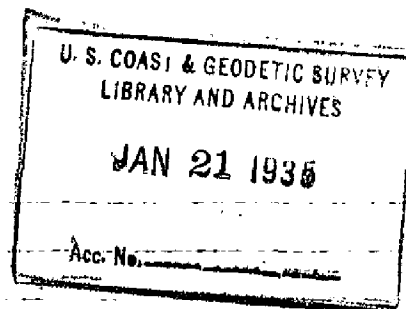


6173
6174



6173
6174

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

LOCALITY

St. Simon Sound, Ga.
(A) Turtle River
Georgia.

St. Simon Island
(B) Troup Creek To Hawkins Creek
F.C.S. No. 11-167

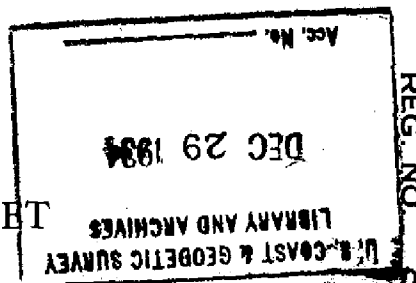
1934

CHIEF OF PARTY

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

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. E. (M) _____

REGISTER NO. 6173

State Georgia
General locality St. Simon Island
Locality Trout Creek to Hawkins Creek
Scale 1/10,000 Date of survey JAN. FEB. MAR. 1934
Vessel Party No. 23, LCH. MIKAWA
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, 1933
Remarks: This sheet for topographic and hydrographic control only.

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY
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DEC 29 1934

REG. NO.

6174

TOPOGRAPHIC TITLE SHEET

Acc. No. _____

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 T. St. Simon Sound

Locality Turtle River

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

Vessel MIKAWA

Chief of party I. 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: _____

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 MIKAWA.

SCOPE

Sheet A. is a survey of turtle River from latitude $31^{\circ} 10' 45''$ 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 $31^{\circ} 11'$ north to $31^{\circ} 13\frac{1}{2}'$. 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

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

Approved & Forwarded:

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

RECOVERABLE TOPOGRAPHIC STATIONS

SHEET E. T-6173

Name	Latitude			Longitude			Description
	o	'	Meters	o	'	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. $31^{\circ}11.2'$, long. $81^{\circ}31.6'$ was probably caused by sketching.

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

V. R. Sobieralski

J. G. Jones

U. S. COAST & GEODETIC SURVEY
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DEC 28 1934

Acc. No. _____

SUPPLEMENTAL 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 MIKAWA.

PURPOSE OF
SURVEY:

To locate signals for hydrography, to revise existing surveys, and to assist the photo compilation 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 HYDROGRAPHIC SHEETS:

Signals were transferred by tracing.

VERTICAL
CONTROL:

None.

MISCELLANEOUS:

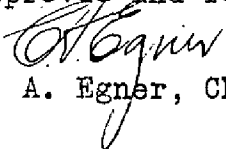
In order to do hydrography in Dunbar Creek it was necessary to establish additional signals which are USE, PINE, OFF, LOW, and UP on this sheet which was originally executed by the party on the MIKAWA.

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

Respectfully submitted,

G. R. Dietz.

Approved and forwarded;


C. A. Egner, Chief of Party.