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

LOCALITY

Sta. Simon Sound
(A) Turtle River

Sta. Simon Island
(B) Troup Creek To Hawkins Creek

1934

CHIEF OF PARTY
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. Trup Creek to Hawkins Creek

Scale. 1/10,000; Date of survey. Oct. 1934

Vessel. Party No. 23, LCH. MIKAWA

Chief of party. O. A. Egner, J. A. Band

Surveyed by. G. R. Dietz, T. B. Rydingsvard

Inked by. J. C. 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

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... T Stem, Simon Sound

Locality... Turtle River

Scale... 1/10,000... Date of survey... Feb...-... Apr... 19.34

Vessel... MIKAWE

Chief of party... J. A. Bond

Surveyed by... T. A. Rydinsward

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:...

...
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 MIKAWI.

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° 12½'. 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**

<table>
<thead>
<tr>
<th>Name</th>
<th>Latitude o' Meters</th>
<th>Longitude o' Meters</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sin</td>
<td>31 12 301</td>
<td>81 24 1414</td>
<td>4x4 cypress post</td>
</tr>
<tr>
<td>May</td>
<td>31 11 1780</td>
<td>81 26 1309</td>
<td>30&quot; square block of concrete.</td>
</tr>
<tr>
<td>Yol</td>
<td>31 11 924</td>
<td>81 27 793</td>
<td>Brick engine foundation of old mill.</td>
</tr>
</tbody>
</table>
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 point 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. B. Sakaraishi

S. G. Jones
SUPPLEMENTAL REPORT TO
ACCOMPANY TOPOGRAPHIC
SHEET NO. E (M)

PARTY NO. 23

C. A. ECNER, 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 compilation unit.

MARKING OF STATIONS:

none marked.

LANDMARKS:

None worthy of the name.

RECOVERABLE STATIONS:

See paragraph "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, PINN, 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.