DESCRIPTIVE REPORT

Topographic Sheet No. C 6172

State Georgia

LOCALITY

St. Simon Sound
Brunswick River

1934

CHIEF OF PARTY

J.A. Bond
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. C

REGISTER NO. 6172

State Georgia

General locality St. Simon Sound

Locality Brunswick River

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

Vessel MIKASE

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 MIKANE.

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° 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 the sheets 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.

<table>
<thead>
<tr>
<th>Name</th>
<th>Latitude ( \circ ^\circ ) Meters</th>
<th>Longitude ( \circ ^\circ ) Meters</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glu</td>
<td>31 07 532</td>
<td>81 24 1118</td>
<td>N.W. corner of wooden bulkhead at landing.</td>
</tr>
</tbody>
</table>

### SHEET J.

<table>
<thead>
<tr>
<th>Name</th>
<th>Latitude ( \circ ^\circ ) Meters</th>
<th>Longitude ( \circ ^\circ ) Meters</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>One</td>
<td>31 19 1350</td>
<td>81 26 1270</td>
<td>Center light on Altamaha River Swing Bridge. 4x4 cypress post.</td>
</tr>
<tr>
<td>Sis</td>
<td>31 20 543</td>
<td>81 24 849</td>
<td>4x4 cypress post.</td>
</tr>
<tr>
<td>Tag</td>
<td>31 18 496</td>
<td>81 25 139</td>
<td>4x4 cypress post.</td>
</tr>
<tr>
<td>Chy</td>
<td>31 19 875</td>
<td>81 26 66</td>
<td>North white chimney large brown house. South white chimney large brown house.</td>
</tr>
<tr>
<td>Vex</td>
<td>31 19 869</td>
<td>81 26 67</td>
<td>4x4 cypress post.</td>
</tr>
</tbody>
</table>

### SHEET K.

<table>
<thead>
<tr>
<th>Name</th>
<th>Latitude ( \circ ^\circ ) Meters</th>
<th>Longitude ( \circ ^\circ ) Meters</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top</td>
<td>31 20 1469</td>
<td>81 25 82</td>
<td>4x4 cypress post.</td>
</tr>
<tr>
<td>Gun</td>
<td>31 21 1128</td>
<td>81 21 347</td>
<td>4x4 cypress post.</td>
</tr>
<tr>
<td>Vex</td>
<td>31 22 1004</td>
<td>81 21 525</td>
<td>4x4 cypress post.</td>
</tr>
</tbody>
</table>
Review of T-6172

This sheet was reviewed in conjunction with
the review of air photo compilation T-8224.

The projection indicates lines are poor. Meridian
81° 27' is 3 meters west of correct position at parallel
31° 08' and 1 meter west at parallel 31° 07'. Meridian
81° 29' is 2 meters west of correct position at parallel
31° 08' and is 2 meters east of correct position at
parallel 31° 06' and 31° 05'. Parallel 31° 06' is one meter
south at 81° 29' and parallel 31° 08' is one meter north
at 81° 29'.

The reference station Sugar (1930) is plotted
2 meters south of correct position on the plane table sheet.

Station Shaw, U.S.E. (1932) is plotted 1/2 meter west
of correct position from the pencil projection line.

Triangulation stations U.S.E. (Plantation Creek),
Parsons U.S.E. Cedar Hammock Front Range, and
Cedar Hammock Rear Range plot correctly from
the pencil projection. The projection shown
by pencil line is correct.

D. H. Benson

C. G. Jones