DESCRIPTIVE REPORT

State: Georgia

Locality:

Tybee Roads

Whitemarsh Island

Chief of Party:

C. A. Ewen & J. A. Bond
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. H (M)

REGISTER NO. 6165

State... Georgia

General locality... Tybee Roads Circle Island

Locality... H. Whitemarsh Island

Scale... 1/10,000. Date of survey... Sept. 1934

Vessel... Party No. 23 and MIKAWZ

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

Surveyed by... G. R. Dietz and E. Shuffle Jr.

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 hydrographic and topographic control only...
SUPPLEMENTAL REPORT TO ACCOMPANY TOPOGRAPHIC

SHEET FIELD HM- 1934

Project: F.P. 4
Party No. 23
1934
State: Georgia
General Locality: Little St. Simons Island.
Locality: Hampton River
Adjoins Sheets: LM, GM, and S'
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 plane-table outfit was used. Signals were located by cuts taken from setups on stations previously located on this sheet by the MIKAVE. At selected points a section of shoreline was rodded in to assist the photo-compilation unit in tying down the general topography.

PURPOSE OF SURVEY:

To locate signals for hydrography, to revise existing surveys, to aid the photo-compilation unit in providing the general topography.

MARKING OF STATIONS:

It was thought that there was sufficient control for future surveys without marking any additional stations.

LANDMARKS:

None worthy of the name appear on this sheet.

RECOVERABLE STATIONS:

See paragraph "Marking of stations" above.

GEOGRAPHIC NAMES:

The charted names are the accepted local names.
METHOD OF TRANSFER OF SIGNALS TO HYDROGRAPHIC SHEETS:

Signals were transferred by tracing.

VERTICAL CONTROL:

None.

MISCELLANEOUS:

In order to do hydrography in Hampton River it was necessary to establish additional signals which are ED, GAR, AS, SIV, IMP, and DUC on this sheet which was originally executed by the party on the MIKAWE. This report is supplemental to report previously written by the MIKAWE party.

Respectfully submitted,

G. R. Dietz

Approved and forwarded;

C. A. Egner, Chief of Party
DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET

FIELD H

INSTRUMENTS USED:

Standard planetable equipment.

PURPOSE:

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CONTROL AND METHODS:

Supplementing several triangulation stations previously established which, collectively, did not sufficiently control this area considering its importance, a scheme of 3rd order triangulation was put in covering the area of this sheet.

This provided a series of strong planetable setups as well as gave control for good 3-point fixes for intersection on the many additional signals established. In the case of Richardson Creek, a traverse was necessary lapping over on sheet K where a tie-in was made on triangulation station TOPO. A small error in this traverse was adjusted proportionately.

To simplify and strengthen the location of numerous signals set up for the hydrography, these were, wherever possible, ranged in so that in some instances as many as six appear exactly in line. An accurate check was in this way provided and had the further advantage in giving strong sextant fixes even in places where the angles were necessarily small.

MARKING OF STATIONS:

Numerous triangulation stations are marked permanently in the accepted manner.
Supplementing these for future recovery in revision work, a great many topo signals were marked with 4"x 4"x 6' cypress stakes showing about 18" above the ground. As cypress weathers very well in marshy ground, these should be available for many years. A number of trees used as signals were marked with blazes.

**LANDMARKS:**

Only a very few useful as landmarks are to be found on this sheet.

These have been listed on the conventional form.

**GEOGRAPHIC NAMES:**

Those listed on the charts have been retained.

**VERTICAL CONTROL:**

None.

**CHANGES SINCE PREVIOUS SURVEYS:**

Since shoreline has not been required on this sheet, except in fragmentary pieces, it is difficult to say what changes have taken place since the last survey.

**MAGNETIC MERIDIAN:**

Taken at triangulation station CAUSTON June 5, 1954.

**LIST OF TOPO SIGNALS:**

The accompanying list of topo. signals includes only those which are recoverable.
Respectfully submitted

[Signature]

Approved and forwarded.

[Signature]

Chief of Party
<table>
<thead>
<tr>
<th>Name</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Marked</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dot</td>
<td>32-02 (575)</td>
<td>81-02 (907)</td>
<td>4&quot;x 4&quot;x 8' stake #35</td>
</tr>
<tr>
<td>Tate</td>
<td>32-02 (260)</td>
<td>81-02 (1015)</td>
<td>8d nails</td>
</tr>
<tr>
<td>Town</td>
<td>32-02 (1426)</td>
<td>81-01 (610)</td>
<td>1 ft. sq. blaze on 3' pine center extreme South tree line</td>
</tr>
<tr>
<td>Sol</td>
<td>32-02 (1843)</td>
<td>81-01 (561)</td>
<td>4&quot;x 4&quot;x 8' stake #57 8d nails</td>
</tr>
<tr>
<td>Ton</td>
<td>32-02 (1122)</td>
<td>81-01 (372)</td>
<td>4&quot;x 4&quot;x 9' stake #32 8d nails 21 meters North H. W. L.</td>
</tr>
<tr>
<td>Mill</td>
<td>32-03 (1276)</td>
<td>81-02 (372)</td>
<td>130 meters East H. W. L.</td>
</tr>
<tr>
<td>Saw</td>
<td>32-05 (359)</td>
<td>81-02 (1231)</td>
<td>4&quot;x 4&quot;x 9' stake #30 8d Nails 38 meters East H. W. L.</td>
</tr>
<tr>
<td>Mike</td>
<td>32-01 (973)</td>
<td>81-01 (766)</td>
<td>4&quot;x 4&quot;x 8' stk. E &amp; 9 8d nails</td>
</tr>
<tr>
<td>Lo</td>
<td>32-01 (1023)</td>
<td>81-01 (1368)</td>
<td>86 meters North H. W. L. X blazed on 12&quot; Pine on extreme S. pt. of Trees.</td>
</tr>
<tr>
<td>Kay</td>
<td>32-01 (917)</td>
<td>81-02 (556)</td>
<td>4&quot;x 4&quot;x 8' stk. #53 8d nails</td>
</tr>
<tr>
<td>It</td>
<td>32-01 (727)</td>
<td>81-02 (819)</td>
<td>48 meters North H. W. L.</td>
</tr>
<tr>
<td>Hat</td>
<td>32-01 (172)</td>
<td>81-02 (410)</td>
<td>4&quot;x 4&quot;x 9' stk. #38 8d nails</td>
</tr>
<tr>
<td>Far</td>
<td>32-02 (1715)</td>
<td>81-02 (513)</td>
<td>16 meters North H. W. L.</td>
</tr>
<tr>
<td>Ash</td>
<td>32-02 (562)</td>
<td>81-02 (722)</td>
<td>4&quot;x 4&quot;x 8' stk. #38 8d nails</td>
</tr>
<tr>
<td>Bad</td>
<td>32-02 (1286)</td>
<td>81-02 (662)</td>
<td>16 meters North H. W. L.</td>
</tr>
<tr>
<td>Wat</td>
<td>32-02 (1095)</td>
<td>81-02 (552)</td>
<td>4&quot;x 4&quot;x 9' stk. #38 8d nails</td>
</tr>
<tr>
<td>Out</td>
<td>32-02 (190)</td>
<td>81-01 (273)</td>
<td>40 meters East H. W. L.</td>
</tr>
<tr>
<td>Why</td>
<td>32-02 (364)</td>
<td>81-01 (1035)</td>
<td>4&quot;x 4&quot;x 8' stk. #34 8d nails</td>
</tr>
<tr>
<td>All</td>
<td>32-02 (332)</td>
<td>81-01 (1381)</td>
<td>20 meters South H. W. L.</td>
</tr>
<tr>
<td>Tri</td>
<td>32-03 (1521)</td>
<td>81-00 (654)</td>
<td>4&quot;x 4&quot;x 8' stk. #34 8d nails 7 meters North H. W. L.</td>
</tr>
<tr>
<td>Ar</td>
<td>32-03 (1731)</td>
<td>81-00 (1265)</td>
<td>4&quot;x 4&quot;x 8' stk. #21 tacks 28 meters East H. W. L.</td>
</tr>
<tr>
<td>Ben</td>
<td>32-02 (303)</td>
<td>81-00 (1159)</td>
<td>1 ft. sq. blaze on 2' oak on tree and H. W. L. on S. Shore.</td>
</tr>
<tr>
<td>By</td>
<td>32-02 (418)</td>
<td>80-59 (288)</td>
<td>4&quot;x 4&quot;x 8' stk. #20--Tacks 2 meters East H. W. L.</td>
</tr>
<tr>
<td>Off</td>
<td>32-02 (674)</td>
<td>80-59 (289)</td>
<td>Triangular blaze on tall 14' Pine at edge of tree line.</td>
</tr>
</tbody>
</table>

89 meters south H. W. L.
<table>
<thead>
<tr>
<th>Name</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Marked</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pi</td>
<td>32-04 (1048)</td>
<td>81-00 (636)</td>
<td>Triangular blaze on tallest single Cedar. 50 meters North of edge of swamp grass.</td>
</tr>
<tr>
<td>Rot</td>
<td>32-04 (1228)</td>
<td>81-00 (701)</td>
<td>Dead tree</td>
</tr>
<tr>
<td>Dom</td>
<td>32-04 (1132)</td>
<td>81-00 (971)</td>
<td>4&quot;x 4&quot;x 8' cyp. stk. 1 ft. above ground #12 with tacks 20 meters from edge of marsh grass. 4&quot; cyp stk 4 tacks in head. 45 meters from edge of swamp grass. Sq. blaze on lone Palm tree.</td>
</tr>
<tr>
<td>Wat</td>
<td>32-04 (1566)</td>
<td>81-00 (817)</td>
<td>4&quot; cyp. stk. 3 tacks</td>
</tr>
<tr>
<td>Pal</td>
<td>32-04 (1690)</td>
<td>81-00 (934)</td>
<td>28 meters edge marsh grass. 45 meters edge grass.</td>
</tr>
<tr>
<td>Spa</td>
<td>32-03 (69)</td>
<td>81-00 (769)</td>
<td></td>
</tr>
<tr>
<td>Par</td>
<td>32-03 (258)</td>
<td>81-00 (1102)</td>
<td></td>
</tr>
<tr>
<td>On</td>
<td>32-04 (1743)</td>
<td>81-00 (1373)</td>
<td></td>
</tr>
<tr>
<td>Not</td>
<td>32-03 (25)</td>
<td>80-59 (86)</td>
<td>4&quot;x 4&quot;x 8' cyp. stk. #14 with tacks 17 meters from edge marsh grass.</td>
</tr>
</tbody>
</table>
DEPARTMENT OF COMMERCE  
U.S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS

Savannah, Ga.

October 12, 1934

The following determined objects are prominent, can be readily distinguished from seaward from the description given below, and should be charted:

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>POSITION</th>
<th>METHOD OF DETERMINATION</th>
<th>CHARTS AFFECTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHIM 1934 (Chimney on Conductors' Home, Whitmarsh, Id.)</td>
<td>32°02' 1760.6 81°01' 719.9</td>
<td>N.A. Triangulation</td>
<td>1241 573</td>
</tr>
<tr>
<td>BONAVENTURE TANK 1932 (Water tank of St. Bonaventure Cemetery)</td>
<td>32°02' 1230 81°02' 1216</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
</tbody>
</table>

A list of objects carefully selected because of their value as landmarks as determined from seaward, together with individual descriptions, must be furnished in a special report on this form, and a copy of such report must be attached by the Chief of Party to his descriptive report.

Some points are more prominent than others, and are more easily charted. The selection, determination, and description of these points are an important factor in the value of the chart. Landmarks selected at appropriate intervals can be clearly charted. However, when none is outstanding, a group of two or three objects may by their interrelationship provide positive identification. A group so selected should be indicated.

The description of each object should be short, but such as will clearly identify it; for example, a standpipe, elevated tank, gas tank, church steeple, tall stack, red chimney, radio mast, etc. Assign numerals to landmarks to indicate: (1) Offshore, (2) inshore, (3) harbor, 1, 2, 3 would be a mark useful on all charts. Generally, flagstaffs and like objects are not sufficiently permanent to chart.
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. ...

REGISTER NO. 6165 (Addl. Wk. 1936)

State ... Georgia...

General locality ... Tybee Roads, Georgia...

Locality ... Whitmarsh Island

Scale 1-10000 Date of survey ... October 30, 1936

Vessel ... Charleston, S.C.

Chief of party ... Benjamin H. Rigg

Surveyed by ... Benjamin H. Rigg

Inked by ... Benjamin H. Rigg

Heights in feet above ... to ground ... to tops of trees

Contour, Approximate contour, Form line interval ... feet

Instructions dated ... ...

Remarks: ... resurvey to locate beacons and H.W.L. at entrance to Wilmington River, Georgia...
DEScriptive REPORT TO ACCOMPANY
REVISION SURVEY OF G.C.S. 6165

INSTRUCTIONS

Pro information regarding inking see Director's letter reference 80-LEF, 9/15/36.

PURPOSE OF REVISION

Location of shoreline at the highwater mark for a new dredged cut, and to locate the new beacons placed to mark it.

SURVEYING METHODS USED

Standard topographic methods were used in executing all new work shown on this sheet. The table was set up at BUT and oriented on Bonaventure WT, Puro Oil Tank, and Rail. A cut and orientation line was drawn to placed at a convenient point for a set-up on the south bank near the center of the new cut. The table was next set up at this flag, oriented on BUT and the position determined by a right angle resection on RAIL. From this set up the shoreline and beacons were located by rod readings.

REVISION WORK

Approximately four tenths of a mile of shoreline was located. Beacons 13, II, 16, & 17 were located. U.S.E. Station INLAND was located.

LEGEND

New work is shown in brown ink.

Respectfully submitted by

[Signature]
REVIEW OF GRAPHIC CONTROL SURVEY T-6165, SCALE 1:10,000

(Additional work, 1936)

Date of Review

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5143, 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-5143, 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.

H. W. Schleeter
1/12/37