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

State: Georgia

DESCRIPTIVE REPORT
Topographic

LOCALITY
St. Catherine's Island
Timmons River to South
Newport River

1936

CHIEF OF PARTY
C. A. Eger
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. K

REGISTER NO. 61582

State... Georgia

General locality... St. Catherines Island Counties

Locality... Timmons, River to South Newport River

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

Vessel... Party No. 23

Chief of party... C. A. Egner

Surveyed by... R. E. Dille

Inked by... J. G. Patterson

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

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

Instructions dated... December 5, 1935

Remarks... This sheet for topographic and hydorgraphic control only
DESCRIPTION REPORT
TO ACCOMPANY
TOPOGRAPHIC SHEET K'

PURPOSE:

To locate signals for hydrography, revise existing surveys, provide permanent points for future surveys and assist photo-compilation unit in providing the general topography.

CONTROL AND METHODS:

Two previously established 2nd. order triangulation stations and two newly established 3rd. order triangulations provide strong set-ups and 3-point fixes.

The usual plane-table outfit was used. All signals being cut in from 3-point fixes. Portions of shore-line were obtained from selected points for possible assistance to photo-compilation unit.

MARKING OF STATIONS:

Recoverable topographic signals were marked with 4"x4"x8" cypress hubs extending one foot above surface of marsh, telephone poles wrapped with galvanized wire.

LANDMARKS:

None worthy of mention on sheet.

GEOGRAPHIC NAMES:

Those listed on charts have been retained.

VERTICAL CONTROL:

None.

CHANGES SINCE PREVIOUS SURVEY:

Since shore-line was obtained from aerial photos determination of changes must await completion by photo units.
MAGNETIC MERIDIAN:

Taken at Triangulation Station TIM Oct. 12, 1934.

LIST OF TOPOGRAPHIC SIGNALS:

Accompanying list of topographic signals include only those which are recoverable.

Respectfully submitted,

R. E. Dille
R. E. Dille, Surveyor.

Approved and forwarded;

C. A. Egner, Chief of Party.
**LIST OF RECOVERABLE TOPOGRAPHIC SIGNALS, SHEET K'**

<table>
<thead>
<tr>
<th>Name</th>
<th>Latitude 0' meters</th>
<th>Latitude 60' meters</th>
<th>Longitude 0' meters</th>
<th>Longitude 60' meters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mis</td>
<td>31 39 1775 69</td>
<td>81 15 1145 495</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mess</td>
<td>31 38 1193 650</td>
<td>81 14 1159 422</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mit</td>
<td>31 39 1610 238</td>
<td>81 14 983 598</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gray</td>
<td>31 39 201 1647</td>
<td>81 15 961 621</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Black</td>
<td>31 39 1806 42</td>
<td>81 14 172 1409</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ab</td>
<td>31 38 1182 666</td>
<td>81 15 957 623</td>
<td></td>
<td></td>
</tr>
<tr>
<td>One</td>
<td>31 40 259 1589</td>
<td>81 15 1437 93</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two</td>
<td>31 39 1507 241</td>
<td>81 15 973 607</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
REVIEW OF GRAPHIC CONTROL SURVEY T-6158a, SCALE (1:5000)

Date of Review July 25, 1935

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-517/17, , 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-517/17, , 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.

   Shading nodded in on this survey is erroneous due to poor red reading, poor sketching and interpolation. See T5117 for correct location

7/24/35
L. E. Rand
BG Jones
DESCRIPTIVE REPORT 6158b

Topographic Sheet No. 6158b

State Georgia

LOCALITY

Johnson SAPELO, SOUND: (0° - 37.8) to SOUTH NEWPORT RIVER

1934

CHIEF OF PARTY

Herman Odessa

U.S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES
JAN 21 1935

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U.S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES
DEC 28 1934

Form 594
Rev. Dec. 1933
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
R. S. Patton, Director
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. 78 numerator

REGISTER NO. 6158b

State: Georgia

General locality: Inland Sapelo Sound

Locality: Johnson South Newport River Sapelo Sound

Scale: 1:10,000 Date of survey: Mar. 5 & 6, 1934

Vessel: Gilbert

Chief of party: Herman Odussey

Surveyed by: Edwin Shuffle Jr. Observer

Inked by:

Heights in feet above to ground to tops of trees none shown

Contour, Approximate contour, Form line interval feet

Instructions dated: December 5, 1933

Remarks: Uninked sheet transferred to party of C. A. Egner on April 7, 1934

...
DESCRIPTIVE REPORT
to accompany
TOPOGRAPHIC SHEETS - A, B, C, D, E, F, G, & H.
Ogeechee River to Doby Sound

PROJECT 1934.

DATE OF INSTRUCTIONS December 5th, 1934.

CHIEF OF PARTY Herman Odessy, H. & G. Engineer,
Commanding Ship GILBERT.

TOPOGRAPHER E. Shuffle, Jr. Observer.

INSTRUMENTS The standard alidade, telometer rods,
and plane table equipment were used with aluminum sheet and a special
board.

PURPOSE OF SURVEY The purpose of this survey was to locate
signals for hydrography on the Inland Waterway of Georgia from the
Ogeechee River to Doby Sound, and to obtain data needed to reduce aerial
photographs of this area to an accurate scale.

PROCEDURE Most of the set-ups were made at tri-
angulation stations, and the hydrographic signals cut in. At least one
magnetic meridian was obtained on every sheet. No local disturbances were
noticed. The bearing of all the ranges was accurately determined by obtaining
three-point fixes on the range. All of the landmarks not located by
triangulation were cut in, and a list is attached. Permanent topographic
signals were put in at intervals of about one mile and the descriptions of
the stations are attached. As your circular letter was not received until
the middle of March, after the first seven sheets had been completed, the
sheets were taken to the field again, to rod in sections of shore line. In
addition to the topography, the triangulation stations, falling on the sheets,
were recovered, and in a few cases, the descriptions were revised according
to the changes that had taken place.

SHEETS As the circular letter supplemented the
written instructions of December 5th, 1935, your instructions in regard to
leaving the cuts on the sheets could not be complied with in full, as most
of the sheets had been cleaned up, although wherever it was possible, the
cuts were freshened up. The range lines were inked and their bearings were
taken off the sheets by a three-arm steel protractor. Alongside of each
hydrographic signal, its descriptions were printed and sketched, so as to
enable any party to locate these signals quickly. There was no field
sketching done on the sheets.
All recoverable hydrographic, topographic, and the triangulation stations were indicated by red dots. The hydrographic and topographic stations were indicated by red circles, while the triangulation stations were indicated by red equilateral triangles.

On the magnetic meridians, there was printed the time of day, the date, and the station at which the meridian was obtained.

U. S. Coast & Geodetic Survey topographic stations were labeled "Stand" with the name of the station alongside of it. U. S. Engineer stations were labeled "Engineer Stand".

MISCELLANEOUS

Vertical Control:

As these sheets are intended primarily for aerial photo control and for locating hydrographic signals, no attempt was made at vertical control.

Geographic Names:

The geographic names are correct as charted.

CHANGES IN PROMINENT OBJECTS:

Johnson Creek Beacons Nos. 1, 2, and 4 were relocated by plane table method and described.

Mud River Front Ranges Nos. 2, 3, 4, and 6, and Mud River Rear Ranges Nos. 1, 2, 3, 4, and 6, were relocated by plane table methods and described.

The descriptions of Mud River Ranges differ considerably from the descriptions given in our latest Inside Route Pilot (1931).

The descriptions of these ranges were written underneath their positions on sheets "G" and "H" as stipulated in your circular letter of the middle of March in regard to all landmarks.

Approved:
Herman Odyssey
Chief of Party

Respectfully submitted,
Edwin Shuffle Jr.
Observer.
<table>
<thead>
<tr>
<th>Name</th>
<th>Latitude D.M. Meters</th>
<th>Longitude D.M.Meters</th>
<th>Description of Object</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beacon No. 4</td>
<td>31 37 1590.5</td>
<td>81 11 458.5</td>
<td>(Topographic Station. )</td>
</tr>
<tr>
<td>Johnson Creek</td>
<td></td>
<td></td>
<td>See Form 524, Description of</td>
</tr>
<tr>
<td>Dutch</td>
<td>31 37 814.5</td>
<td>81 10 1138.2</td>
<td>See Form 524, Description of</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Topographic Station.</td>
</tr>
<tr>
<td>Sing</td>
<td>31 35 814.2</td>
<td>81 11 1332.8</td>
<td>(Topographic Station n )</td>
</tr>
<tr>
<td>Big</td>
<td>31 37 1583.0</td>
<td>81 11 275.5</td>
<td>See Form 524, Description of</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Topographic Station.</td>
</tr>
<tr>
<td>Moss</td>
<td>31 37 708.5</td>
<td>81 12 332.0</td>
<td>See Form 524, Description of</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Topographic Station.</td>
</tr>
</tbody>
</table>
LANDMARKS FOR CHARTS

Brunswick, Ga.

March 23, 1934

DIRECTOR, U. S. COAST AND GEODETIC SURVEY:

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

Herman Odessey
Chief of Party.

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>DATUM</th>
<th>METHOD OF DETERMINATION</th>
<th>CHARTS AFFECTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beacon No. 5</td>
<td>31 38.454 4</td>
<td>81 10.494 5</td>
<td>NA</td>
<td>Triangulation</td>
<td>574</td>
</tr>
<tr>
<td>Johnson Creek</td>
<td>31 38.442 6</td>
<td>81 10.115 7</td>
<td>NA</td>
<td>Triangulation</td>
<td>574</td>
</tr>
<tr>
<td>Old Boiler</td>
<td>31 38.442 6</td>
<td>81 10.115 7</td>
<td>NA</td>
<td>Triangulation</td>
<td>574</td>
</tr>
<tr>
<td>Beacon No. 7</td>
<td>31 35 333 2</td>
<td>81 10 1507 9</td>
<td>NA</td>
<td>Triangulation</td>
<td>574</td>
</tr>
</tbody>
</table>

A list of objects which are of sufficient prominence for use on the charts, together with a description of the same, 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. The selection, determination, and description of these points are of primary importance.

The description of each object should be short, but such as will identify it; for example, standpipe, water tower, church spire, tank, tall stack, red chimney, radio mast, etc. Generally, flagstaffs and like objects are not sufficiently permanent to chart.
Date of Review

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5117, , , with particular attention to the following details:

(a) Projection has been checked in the Field.

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L. C. Under