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

State: SOUTH CAROLINA

DESCRIPTIVE REPORT
Topographic Sheet No. W 6138a

LOCALITY

BLUEFON TO SAVAGE ISLAND

1934

CHIEF OF PARTY
C. A. Egner
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. \_W___

REGISTER NO. 61387

State \_SOUTH CAROLINA___

General locality \_SOUTH CAROLINA, TYBEE ROADS___

Locality \_BLUEFON TO SAVAGE ISLAND___

Scale 1/10,000 Date of survey AUGUST 1934

Vessel \_PARTY NO. 23___

Chief of party \_C. A. EGNER___

Surveyed by \_G. R. DITZ___

Inked by \____

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated \_DECEMBER 4 1933___

Remarks: \_THIS SHEET FOR TOPOGRAPHIC AND HYDROGRAPHIC CONTROL ONLY___

***
DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET

FIELD: W
PROJECT: F. P. 4
PARTY: NO. 23
YEAR: 1934
STATE: SOUTH CAROLINA
GENERAL LOCALITY: SAVANNAH, GEORGIA
LOCALITY: BLUFFTON
ADJOINS SHEETS: Z, X
SHEET ON REVERSED (IF DOUBLE) X
SCALE: 1/10,000
DATUM: 1927 (N.A.)
CHIEF OF PARTY: C. A. EGNER
TOPOGRAPHER: G. R. DIETZ
DATE OF INSTRUCTIONS: DECEMBER 4, 1933
INKED BY: J.G.P.
INSTRUMENTS USED:

The usual plane table equipment.

METHODS:

Practically all stations were located by intersection from triangulation established in the locality, supplemented in a few cases by traverse in restricted sections of Bull Creek, and by cuts taken from 3-point setups. High water line and marsh grass line was rodded in at several setups.

PURPOSE OF SURVEY:

To provide control for hydrography, to establish recoverable stations for future surveys, to tie down aerial photography for charting the locality, to revise existing surveys.

MARKING OF STATIONS:

Numerous triangulation stations throughout the sheet were marked in the accepted permanent manner by standard discs in concrete posts. Several natural objects were located and are included in the "List of Landmarks". In addition, numerous stations were marked by distinctive blazes on trees, or by 4"x 4" cypress posts 3' long driven in the ground with about 1' protruding. These stations were selected at representative points throughout the sheet.

LANDMARKS:

Only a few worthy of the name occur on this sheet. These have been listed on the accepted form "Landmarks for Charts".

RECOVERABLE STATIONS:

See paragraph above MARKING OF STATIONS. It is believed that there are sufficient triangulation stations on this sheet to provide for the future, taken together with the ones marked with cypress posts and blazes.
GEOGRAPHIC NAMES:

The present charted names have been used as these are the accepted local names.

MAGNETIC MERIDIAN:

Taken from setup at triangulation station PETTIGREW on August 7, 1934.

METHOD OF TRANSFER OF SIGNALS TO HYDROGRAPHIC SHEET:

Recoverable stations transferred by d.m. and d.p. Non-recoverable stations transferred by tracing.

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. The latter, however, was taken so long ago and under less accurate and complete instructions that it is apparent that many minor discrepancies will be noted when this sheet is supplemented by the photographs.

MISCELLANEOUS:

It was found necessary to establish a small bit of new triangulation in the area west of Bluffton, hence stations COLE and VARN. An arbitrary line of signals was established in range running in a north and south direction with the black smoke stack at Lowden's as the control on the north end, this includes signals DEN, SAP, OFF, DOC, WIL, RUT, KEY, FLAG, ANT, MAR, LAT, and CAP. This line was established because it gave maximum control with minimum number of signals.
Respectfully submitted,

[Signature]

Approved and forwarded

[Signature]

Lt. C. T. E. Survey
Chief of Party.
<table>
<thead>
<tr>
<th>NAME</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doc</td>
<td>32-13 (-1203) 80-52 (-1102)</td>
<td>645 469</td>
<td>4&quot; x 4&quot; x 8' cypress hub</td>
</tr>
<tr>
<td>Sap</td>
<td>32-13 (-535) 80-52 (-1105)</td>
<td>1640 465</td>
<td>Black stack Lowden's oyster</td>
</tr>
<tr>
<td>Den</td>
<td>32-13 (-206) 80-52 (-1106)</td>
<td>1600 710</td>
<td>House S.shore May River Bluffton</td>
</tr>
<tr>
<td>Clan</td>
<td>32-13 (-546) 80-52 (-861)</td>
<td>1608 ---</td>
<td>S.W. corner Clancy's dock on S. shore of May River just W. of Bluffton, S.C.</td>
</tr>
<tr>
<td>Peak</td>
<td>32-13 (-340) 80-51 (-280)</td>
<td>1550 ---</td>
<td>Peak of W. gable of pavilion municipal dock Bluffton, S.C.</td>
</tr>
<tr>
<td>Mil</td>
<td>32-13 (-296) 80-51 (-336)</td>
<td>1581 1473</td>
<td>Windmill 70 meters N.E. of municipal dock Bluffton, S.C.</td>
</tr>
<tr>
<td>Pav</td>
<td>32-13 (-1841) 80-51 (400)</td>
<td>1638 ---</td>
<td>Peak of W. gable Old pavilion Bluffton, S.C.</td>
</tr>
<tr>
<td>Cut</td>
<td>32-12 (-210) 80-51 (-150)</td>
<td>852 1360</td>
<td>W. peak small house on piling E. bank May River.</td>
</tr>
<tr>
<td>Pil</td>
<td>32-12 (-996) 80-52 (-211)</td>
<td>980 461</td>
<td>Central pillar old master's house Palmetto Landing.</td>
</tr>
<tr>
<td>East</td>
<td>32-12 (-1148) 80-52 (-98)</td>
<td>980 461</td>
<td>Top of most easterly of 2 water tanks at Palmetto Landing</td>
</tr>
<tr>
<td>Cop</td>
<td>32-11 (-868) 80-52 (-1091)</td>
<td>954 477</td>
<td>4&quot; x 4&quot; x 8' cypress hub</td>
</tr>
<tr>
<td>Ant</td>
<td>32-12 (-1294) 80-52 (-1094)</td>
<td>1409 473</td>
<td>4&quot; x 4&quot; x 8' cypress hub</td>
</tr>
<tr>
<td>Key</td>
<td>32-12 (-439) 80-52 (-1098)</td>
<td>176 ---</td>
<td>6&quot; triangular blaze on east side of 12' palm tree.</td>
</tr>
<tr>
<td>Flyn</td>
<td>32-12 (-1672) 80-51 (-190)</td>
<td>898 343</td>
<td>8&quot; triangular blaze on east side</td>
</tr>
<tr>
<td>Dig</td>
<td>32-13 (-956) 80-53 (-628)</td>
<td>847 377</td>
<td>24&quot; black pine.</td>
</tr>
<tr>
<td>Fat</td>
<td>32-13 (-1001) 80-53 (-1192)</td>
<td>847 377</td>
<td>4&quot; x 4&quot; x 8' cypress hub</td>
</tr>
<tr>
<td>Tre</td>
<td>32-13 (-909) 80-52 (-271)</td>
<td>939 1300</td>
<td>8&quot; triangular blaze north side 18&quot; yellow pine.</td>
</tr>
<tr>
<td>Roe</td>
<td>32-10 (-541) 80-51 (-571)</td>
<td>939 1307</td>
<td>4&quot; x 4&quot; x 8' cypress hub</td>
</tr>
<tr>
<td>Chim</td>
<td>32-12 (-1381) 80-52 (-236)</td>
<td>467 1333</td>
<td>S.E. chimney on Palmetto Lodge at Palmetto Landing.</td>
</tr>
<tr>
<td>Tug</td>
<td>32-10 (-1363) 80-51 (-508)</td>
<td>485 ---</td>
<td>4&quot; x 4&quot; x 8' cypress hub</td>
</tr>
</tbody>
</table>


**DEPARTMENT OF COMMERCE**  
**U.S. COAST AND GeODETIC SURVEY**  
**LANDMARKS FOR CHARTS**  

**SAVANNAH, GEORGIA**  

**AUGUST 31, 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:

--

<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>(S. E. chimney on Palmetto Lodge)</td>
<td>32 12 (-1361)</td>
<td>80 52 (-236)</td>
<td>N.A.</td>
<td>Topo</td>
<td>1240, 571</td>
</tr>
<tr>
<td>(Most easterly of water tugs)</td>
<td>700</td>
<td>32 12 (-1148)</td>
<td>80 52 (-98)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Pillar stag. in ruins of old house)</td>
<td>852</td>
<td>32 12 (-996)</td>
<td>80 52 (-211)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Peak of W. Gable of small house on hill in May)</td>
<td>1638</td>
<td>32 12 (-210)</td>
<td>80 51 (-150)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Peak of W. Gable of old pavilion at Bluffton, S.C.)</td>
<td>07</td>
<td>32 13 (-1841)</td>
<td>80 51 (-400)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Windmill at Municipal dock Bluffton, S.C.)</td>
<td>1550</td>
<td>32 13 (-228)</td>
<td>80 51 (-536)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Peak of west pavilion on municipal dock at Bluffton, S.C.)</td>
<td>1600</td>
<td>32 13 (-340)</td>
<td>80 51 (-280)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Southwest corner of Clancy's dock in May River near Bluffton)</td>
<td>1600</td>
<td>32 13 (-248)</td>
<td>80 52 (-861)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Black smoke stack at Lowden's oyster house)</td>
<td>1640</td>
<td>32 13 (-208)</td>
<td>80 52 (-1106)</td>
<td></td>
<td></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.

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 spire, 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.
Review of T 6138a

This sheet has been examined in connection with the review of our photo compilation T 5134. The projection, definiteness station and distance stations which found to be correct, see Review T 5134 for detailed discussion.

L. C. Lundy

O. B. Jones
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. X

REGISTER NO. 61368

State: SOUTH CAROLINA

General locality: Tybee Roads.

Locality: Bull Island

Scale: 1/10,000 Date of survey: JUNE, 1934

Vessel: PARTY NO. 23

Chief of party: C. A. EGHER

Surveyed by: G. R. DIETZ

Inked by:

Heights in feet above ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated: DECEMBER 4, 1933

Remarks: THIS SHEET FOR TOPOGRAPHIC AND HYDROGRAPHIC CONTROL ONLY.
DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET

FIELD: X
PROJECT: F. P. 4
PARTY: NO. 23
YEAR: 1934
STATE: SOUTH CAROLINA
GENERAL LOCALITY: SAVANNAH, GEORGIA
LOCALITY: MAY RIVER
ADJOINS SHEETS: Y, Z, W
SHEET ON REVERSE SIDE (IF DOUBLE): W
SCALE: 1/10,000
DATUM: N. A. 1927
CHIEF OF PARTY: C. A. EGNER
TOPOGRAPHER: G. R. DIETZ
DATE OF INSTRUCTIONS: DECEMBER 4, 1933
INKED BY: JG P
INSTRUMENTS USED:

The usual plane table equipment.

METHODS:

Practically all stations were located by intersection from triangulation established in the locality, supplemented by cuts taken from 3-point setups. High water lines and marsh grass line was rodded in at several setups.

PURPOSE OF SURVEY:

To provide control for hydrography, to establish recoverable stations for future surveys, to tie down aerial photography for charting the locality, and to revise existing surveys.

MARKING OF STATIONS:

Numerous triangulation stations throughout the sheet were marked in the accepted permanent manner by standard discs in concrete posts. Several natural objects were located and are included in the "List of Land Marks". In addition, numerous stations were marked by blazes on trees and by 4" x 4" cypress posts 8' long driven in the ground with about 1' protruding. These points were selected at representative points throughout the sheet.

LANDMARKS:

Only a few worthy of the name occur on this sheet. These have been listed on the accepted form "Landmarks for Charts".

RECOVERABLE STATIONS:

See paragraph above MARKING OF STATIONS. It is believed that there are sufficient triangulation stations on this sheet to provide for the future, taken together with the ones marked with cypress posts.
3.

GEOGRAPHIC NAMES:

The present charted names have been used as these are the accepted local names.

MAGNETIC MERIDIAN:

Taken from setup at triangulation station MAY on June 28, 1934.

METHOD OF TRANSFER OF SIGNALS TO HYDROGRAPHIC SHEET:

Recoverable stations by d.m. and d.p.
Non-recoverable stations by tracing.

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. This may be determined from the aerial survey supplementing this sheet.

Respectfully submitted,

[Signature]

Approved and forwarded

[Signature]
**LIST OF RECOVERABLE STATIONS**

**TOPO SHEET X**

<table>
<thead>
<tr>
<th>NAME</th>
<th>LATITUDE METERS</th>
<th>LONGITUDE METERS</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cent</td>
<td>32-12 (-912)</td>
<td>80-51 344</td>
<td>4&quot;x 4&quot;x 8' cypress hub</td>
</tr>
<tr>
<td></td>
<td>1463</td>
<td></td>
<td>S.E. corner Water's dock May</td>
</tr>
<tr>
<td>Wat</td>
<td>32-12 (-385)</td>
<td>80-51 110</td>
<td>river N.shore opposite Savage Id</td>
</tr>
<tr>
<td></td>
<td>618</td>
<td></td>
<td>1462</td>
</tr>
<tr>
<td>Her</td>
<td>32-12 (-1230)</td>
<td>80-49 (-109)</td>
<td>4&quot;x 4&quot;x 8' cypress hub</td>
</tr>
<tr>
<td></td>
<td>1526</td>
<td>1369</td>
<td>S. center All-Joy hotel dock</td>
</tr>
<tr>
<td>Joy</td>
<td>32-12 (-322)</td>
<td>80-59 (-203)</td>
<td>N.shore opposite N.end Savage Id</td>
</tr>
<tr>
<td></td>
<td>1661</td>
<td>1032</td>
<td>1369</td>
</tr>
<tr>
<td>Stack</td>
<td>32-12 (-187)</td>
<td>80-50 (-539)</td>
<td>Black smoke stack Ulmer's mill</td>
</tr>
<tr>
<td></td>
<td>1653</td>
<td>1488</td>
<td>metto</td>
</tr>
<tr>
<td>Pale</td>
<td>32-11 (-195)</td>
<td>80-43 (-84)</td>
<td>8&quot; triangular blaze on 14&quot; pal-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1653</td>
<td>1330 253</td>
</tr>
<tr>
<td>Is</td>
<td>32-11 (-518)</td>
<td>80-48 (-1289)</td>
<td>4&quot;x 4&quot;x 8' cypress hub</td>
</tr>
<tr>
<td></td>
<td></td>
<td>816</td>
<td>8&quot; triangular blaze on west side</td>
</tr>
<tr>
<td>Pam</td>
<td>32-10 (1418)</td>
<td>80-47 (-756)</td>
<td>of 12&quot; Palmetto.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>159</td>
<td>1330</td>
</tr>
<tr>
<td>Black</td>
<td>32-11 (-1689)</td>
<td>80-51 806</td>
<td>4&quot;x 4&quot;x 8' cypress hub</td>
</tr>
</tbody>
</table>
LANDMARKS FOR CHARTS

SAVANNAH, GEORGIA

AUGUST 31, 1934

To the 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:

<table>
<thead>
<tr>
<th>Description</th>
<th>Position</th>
<th>Method of Determination</th>
<th>Charts Affected</th>
</tr>
</thead>
<tbody>
<tr>
<td>(S.E. corner of Dr. Water's dock on May River)</td>
<td>32° 12' 1465' W 80° 51' 110' N</td>
<td>N. A. 1927 Topo</td>
<td>1240, 571</td>
</tr>
<tr>
<td>(Center of All-Joy Joy Hotel Dock on May River)</td>
<td>32° 12' 1526' W 80° 50' 1369' N</td>
<td>n</td>
<td>n</td>
</tr>
<tr>
<td>(Black smoke stack at Ulmert's sawmill)</td>
<td>32° 12' 1661' W 80° 50' 1032' N</td>
<td>n</td>
<td>n</td>
</tr>
</tbody>
</table>

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REVIEW OF GRAPHIC CONTROL SURVEY T-61386, SCALE 1:10,000, 1934

Date of Review

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5134, , , 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-5134, , , 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.

Datum note; an error has been corrected and shown in green. As Janie 3, 1931, plotted wrong by 10 meters south, shown in green on T 61386.

Descriptions and position of recoverable O Station "Pali and Re" rejected and so marked on T61386 in green because of inaccuracies resulting from the error in plotting As Janie 3, 1931 and because of discrepancies with the photo plot which was checked in the office.

L.C. linen V.B. Jones 7/11/35