

6138a

U. S. COAST & GEODETIC SURVEY
LIBRARY & MAPS

NOV 30 1934

6138a

Form 504
Ed. June, 1928

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

State: SOUTH CAROLINA

DESCRIPTIVE REPORT

Topographic } Sheet No. W 6138a
~~Hydrographic~~

LOCALITY

TYPEE FOLDS

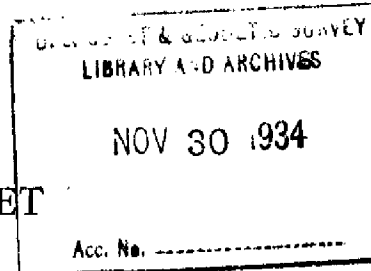
BLUFFTON TO SAVAGE ISLAND

1934

CHIEF OF PARTY

C. A. Egner

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY



REG. NO. 61382

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. 61382

State SOUTH CAROLINA

General locality SavTYBEE BOADS

Locality BLUFFTON 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. DIETZ

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 HYDRO-

GRAPHIC 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 REVERSIDE (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 8' 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,

Guy R. Dietz

Approved and forwarded

H. H. H. H.
Lieut. C. & G. Survey
Chief of Party.

LIST OF RECOVERABLE STATIONS

TOPO SHEET W

NAME		LATITUDE		LONGITUDE	DESCRIPTION
	o ' "	METERS	o ' "	METERS	
Doc	32-13	645 (-1203)	80-52	469 (-1102)	4"x 4"x 8' cypress hub
Sap	32-13	1313 (-535)	80-52	466 (-1105)	4"x 4"x 8' cypress hub
Den	32-13	1640 (-208)	80-52	465 (-1106)	Black stack Lowden's oyster house S.shore May River Bluffton
Clan	32-13	1600 (-248)	80-52	710 (-861)	S.W. corner Clancy's dock on S. shore of May River just W. of Bluffton, S. C.
Peak	32-13	1508 (-340)	80-51	--- (-280)	Peak of W. gable of pavilion municipal dock Bluffton, S.C.
Mil	32-13	1550 (-298)	80-51	--- (-336)	Windmill 70 meters N.E. of municipal dock Bluffton, S.C.
Pav	32-13	07 (-1841)	80-51	--- (400)	Peak of W. gable Old pavilion Bluffton, S. C.
Out	32-12	1638 (-210)	80-51	--- (-150)	W. peak small house on piling E. bank May River.
Pil	32-12	852 (-996)	80-52	1360 (-211)	Central pillar old master's house Palmetto Landing.
East	32-12	700 (-1148)	80-52	1473 (-98)	Top of most easterly of 2 water tanks at Palmetto Landing
Cop	32-11	980 (-868)	80-52	481 (-1091)	4"x 4"x 8' cypress hub
Ant	32-12	554 (-1294)	80-52	477 (-1094)	4"x 4"x 8' cypress hub
Key	32-12	1409 (-439)	80-52	473 (-1098)	4"x 4"x 8' cypress hub
Flyn	32-12	176 (-1672)	80-51	--- (-190)	8" triangular blaze on east side of 12" palm tree.
Dig	32-13	898 (-950)	80-53	943 (-628)	8" triangular blaze on east side 24" black pine.
Fat	32-13	847 (-1001)	80-53	377 (-1194)	4"x 4"x 8' cypress hub
Tre	32-13	939 (-909)	80-52	1300 (-271)	8" triangular blaze north side 18" yellow pine.
Roy	32-10	1307 (-541)	80-51	--- (-571)	4" x 4"x 8' cypress hub
Chim	32-12	467 (-1381)	80-52	1333 (-238)	S.E. chimney on Palmetto Lodge at Palmetto Landing.
Tug	32-10	485 (-1363)	80-51	--- (-508)	4"x 4"x 8' cypress hub

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

W
49
(1935)

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:

C. A. Egner
C. A. EGNER
Chief of Party.

DESCRIPTION	POSITION					METHOD OF DETERMINATION	CHARTS AFFECTED
	LATITUDE		LONGITUDE		DATUM		
	°	D. M. METERS	°	D. P. METERS			
(S. E. Chimney on Palmetto Lodge at Pal. ldg.) CHIM	32 12	467 (-1381)	80 52	1333 (-238)	N.A. 1927	Topo	1240, 571
(Most easterly of 2 water tanks at Palmetto Ldg.) EAST	32 12	700 (-1148)	80 52	1473 (-98)	"	"	
(Pillar stg. in ruins of old master's house at Palmetto Ldg.) PIL	32 12	852 (-996)	80 52	1360 (-211)	"	"	
(Peak of W. Gable of small house on piling in May River) OUT	32 12	1638 (-210)	80 51	---- (-150)	"	"	
(Peak of W. Gable of old pavilion at Bluffton, S.C.) PAV	32 13	07 (-1841)	80 51	---- (-400)	"	"	
(Windmill at Municipal dock Bluffton, S.C.) MIL	32 13	1550 (-298)	80 51	---- (-336)	"	"	
(Peak of west gable of west pavilion on municipal dock at Bluffton, S.C.) PEAK	32 13	1600 (-340)	80 51	---- (-280)	"	"	
(Southwest corner of Clancy's dock in May R. Near Bluffton) CLAN	32 13	1600 (-248)	80 52	710 (-861)	"	"	
(Black smoke stack at Lowden's oyster house) ON	32 13	1640 (-208)	80 52	465 (-1106)	"	"	

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 air photo compilation T 5134. The projection, reference station and described stations were found to be correct. See Review of T 5134 for detailed discussion.

L. C. Landy
- B. G. Jones

6138b

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

NOV 30 1934

Acc. No.

U. S. GOVERNMENT PRINTING OFFICE: 1928

C. A. Egan

CHIEF OF PARTY

1934

BULL ISLAND

LYBEE ROADS

LOCALITY

Topographic }
Hydrographic } Sheet No. X 6138b

DESCRIPTIVE REPORT

State: SOUTH CAROLINA

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

Form 804
Ed. June, 1928

6138b

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

U. S. COAST & GEODETIC SURVEY LIBRARY ARCHIVES NOV 30 1934 Acc. No. _____	REG. NO. 638b
--	---------------

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. 6138b

State SOUTH CAROLINA

General locality Stybee Roads, GEORGIA

Locality Bull Island

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

Vessel PARTY NO. 23

Chief of party C. A. EGNER

Surveyed by G. R. DIETZ

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: 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: JGP

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 rodged 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.

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,

Guy R. Dietz

Approved and forwarded

C. H. Egner
Chief of Party

LIST OF RECOVERABLE STATIONS

TOPO SHEET X

NAME	LATITUDE		LONGITUDE		DESCRIPTION
	o	' METERS	o	' METERS	
Cent	32-12	936 (-912)	80-51	344	4"x 4"x 8' cypress hub
Wat	32-12	1463 (-385)	80-51	110	S.E. corner Water's dock May river N.shore opposite Savage Id
Her	32-12	618 (-1230)	80-49	1462 (-109)	4"x 4"x 8' cypress hub
Joy	32-12	1526 (-322)	80-59	1369 (-203)	S. center All-Joy hotel dock N.shore opposite N.end Savage Id
Stack	32-12	1661 (-187)	80-50	1032 (-539)	Black smoke stack Ulmer's mill
Pale	32-11	1653 (-195)	80-48	1488 (-84)	metto 8" triangular blaze on 14" pal-
Is	32-11	1330 (-518)	80-48	283 (-1289)	4"x 4"x 8' cypress hub
Pam	32-10	--- (-1418)	80-47	816 (-756)	8" triangular blaze on west side of 12" Palmetto.
Black	32-11	159 (-1689)	80-51	806	4"x 4"x 8' cypress hub

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

X A 49
(1935)

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:

C. A. EIGNER

Chief of Party.

[illegible]

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 GRAPHIC CONTROL SURVEY T-61386, SCALE 1:10000, 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 in error has been corrected and shown in green. Δ Jesse 3, 1931, plotted wrong by 10 meters. correction has been shown in green on T61386.

Descriptions and positions of recoverable \odot stations "Pale" and "Is" rejected and so marked on T61386 in green because of inaccuracies resulting from the error in plotting Δ Jesse 3, 1931 and because of discrepancies with the photo plot which was checked in this office.

L.C. Lande. ✓ B.G. Jones 7/11/35