

6158a

U. S. COAST & GEODETIC SURVEY
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Acc. No. _____

Form 504
Ed. June, 1928

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

State: Georgia

DESCRIPTIVE REPORT

Topographic } Sheet No. K' 6158a
~~Hydrographic~~

LOCALITY

St. Catherines Island

Timmons, River and South

Newport River

193 8

CHIEF OF PARTY

C. A. Egnor

6158a

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

U.S. COAST & GEODETIC SURVEY
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DEC 29 1934

Acc. No. _____

REG. NO. 61582 /

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. K1

REGISTER NO. 61582

State Georgia

General locality St. Catherines Island Counties

Locality Timmons River to South Newport Rivers

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, 1933

Remarks: This sheet for topographic and hydrographic control only

...

DESCRIPTIVE 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
C. A. Egner, Chief of Party.

LIST OF RECOVERABLE TOPOGRAPHIC SIGNALS, SHEET K'

Name	Latitude			Longitude		
	0	'	meters	0	'	meters
Mis	31	39	1775 69	81	15	1145 435
Mess	31	38	1198 650	81	14	1159 422
Mit	31	39	1610 238	81	14	983 598
Gray	31	39	201 1647	81	15	961 621
Black	31	39	1806 42	81	14	172 1409
Ab	31	38	1182 666	81	15	957 623
One	31	40	259 1589	81	15	1487 93
Two	31	39	1607 241	81	15	973 607

REVIEW OF GRAPHIC CONTROL SURVEY T-6158a, SCALE (1:10,000)

Date of Review

July 25, 1935

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.
- (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-5117, , , 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.

Shouline rodded in on this survey is erroneous due to poor rod reading, poor sketching and interpretation. See T 5117 for correct location

7/29/35

L. E. Kande
B. G. Jones

6158b

U. S. COAST & GEODETIC SURVEY
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~~U. S. COAST & GEODETIC SURVEY~~
~~LIBRARY AND ARCHIVES~~

JAN 21 1935

Acc. No.

Form 504
Rev. Dec. 1933
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT
6158b

Topographic } Sheet No. 51
~~Hydrographic~~ }

State Georgia

LOCALITY

Johns SAPELO SOUND (31° - 37.5)
to SOUTH NEWPORT RIVER

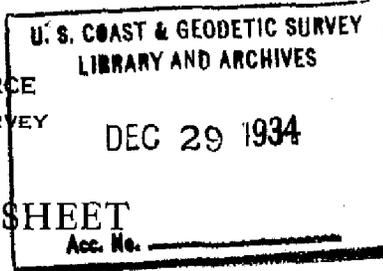
193 4

CHIEF OF PARTY

Herman Odessey

6158b

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY



REG. NO. 6158b

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. 51

REGISTER NO. 6158b

State Georgia

General locality Inland Sapelo Sound

Locality Johnson South Newport River to Sapelo Sound
Latitude

Scale 1:10000 Date of survey Mar. 5 & 6, 19 34

Vessel Gilbert

Chief of party Herman Odessey

Surveyed by Edwin Shuffle Jr. Observer

Inked by _____

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval none shown feet

Instructions dated December 5, 19 33

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 Doboy Sound

PROJECT 1934.

DATE OF INSTRUCTIONS

December 5th, 1934.

CHIEF OF PARTY

Herman Odessey, H. & G. Engineer,
Commanding Ship GILBERT.

TOPOGRAPHER

E. Shuffle, Jr. Observer,

INSTRUMENTS

The standard alidade, telemeter 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 Doboy 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 triangulation 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, 1933, 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 5, 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 Odessey
Herman Odessey
Chief of Party

Respectfully submitted,

Edwin Shuffle, Jr.
Edwin Shuffle, Jr.
Observer.

PPlane Table Positions.

Sheet ^T 19

Name	Latitude D. M. Meters	Longitude D.M.Meters	Description of Object
Beacon No.4			(Topographid Station.)
Johnson Creek	31 37 1590.5	81 11 458.5	See Form 524, Description of
Dutch	31 37 814.5	81 10 1138.2	See Form 524, Description of Topographic Station.
Sing	31 35 814.2	81 11 1332.8	(Topographic Station n) See Form 524, Description of
Big	31 37 1583.0	81 11 275.5	See Form 524, Description of Topographic Station.
Moss	31 37 706.5	81 12 382.0	See Form 524, Description of Topographic Station.

REVIEW OF GRAPHIC CONTROL SURVEY T- 61586, SCALE 1, 10,000

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.

✓ (b) Accuracy of location of plane table control points.

✓ (c) Discrepancies between detail on this survey and the air photo compilations listed above. *No shoreline needed in that portion of survey covered by compilation T5117*

✓ (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-5117, , , 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.

L. C. Lande