6164a

Form 504
Rev. Dec. 1933

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic / ~~Hydrographic~~ } *Sheet No.* S- 6164a

State Georgia

LOCALITY

St. Simon Island

Hampton River

1934

CHIEF OF PARTY

C.A. Egner

U. S. GOVERNMENT PRINTING OFFICE: 1934

6164a

Form 537a
Ed. Nov. 1929

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

REG. NO. 6164a

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 Ed. S!

REGISTER NO. 6164a

State Georgia

General locality Little St. Simon Island

Locality Hampton River

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

Vessel Party No. 25

Chief of party C. A. Egner

Surveyed by G. R. Dietz

Inked by C. A. Egner

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 S'

- -

Project F.P. 4 (Ga.)

Party No. 23.

1934.

Georgia.

Little St. Simon Island, Hampton River.

Adjoins sheets: HM, T'.

Sheet on reverse side: T'

Datum: N.A. 1927

- -

INSTRUMENTS USED:

The usual plane-table outfit was used. Due to the position of the triangulation stations, all cuts were made from three point fixes. At selected points a section of the 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 provide permanent points for future surveys, to assist the photo-compilation unit in providing the general topography.

MARKING OF STATIONS:

To provide better control for the future, stations were selected at strategic points and marked with 4"x 4"x8-foot cypress hubs with from one to two feet protruding.

LANDMARKS:

None worthy of the name appear on this sheet.

RECOVERABLE
STATIONS:

Marked topographic stations located on this sheet are listed in accompanying table and separate descriptions for each furnished on Form 524, "Description of recoverable Hydro. or Topo. Station".

GEOGRAPHIC
NAMES:

No names other than those charted were found.

MAGNETIC
MERIDIAN:

Taken from set-ups at triangulation signal LOG on October 16,,1934.

METHOD OF TRANSFER OF
SIGNALS TO HYDROGRAPHIC SHEET:

Recoverable stations by d.m. and d.p's.
Others by tracing.

VERTICAL
CONTROL:

None.

CHANGES SINCE
PREVIOUS SURVEYS:

Since the general topography depends upon aerial photography, determination of this must await the completion of the photo-compilation. It is expected that, due to the nature of the marsh in this locality, considerable changes will be found in the shoreline.

MISCELLANEOUS:

Due to the fact that in order to carry out further triangulation on this sheet, tall towers would have been necessary at COOPER, SIM and HAMPTON, and since it was thought that the importance of the locality would not justify the necessary time and expense necessary to erect tall towers, tall poles were erected on these stations and a three point fix was observed from Triangulation Station SON 1934 with a theodolite and computed. Topography had been completed and had to be adjusted only slightly to conform with the computed position of Triangulation Station SON.

Respectfully submitted,

G. R. Dietz

G. R. Dietz

Approved and forwarded;

C. A. Egner

C. A. Egner, Chief of Party.

LIST OF RECOVERABLE TOPOGRAPHIC STATIONS, SHEET S'

Name	Latitude			Longitude		
	0	'	meters	0	'	meters
TON	31	15	1196 652	81	19	322 1266
DRO	31	17	105	81	18	1428 159

M-189

REVIEW OF GRAPHIC CONTROL SURVEY T-6164a, SCALE 1:10,000

Date of Review Aug 27, 1935

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5123 , , 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-5123, , , 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. Landy

6164b

Form 504
Rev. Dec. 1933

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic / ~~Hydrographic~~ } *Sheet No.* T: 6164b

State Georgia

LOCALITY

St. Simon Island

Village Creek

193 4

CHIEF OF PARTY

C.A. Egner

U.S. GOVERNMENT PRINTING OFFICE: 1934

6164b

Form 537a
Ed. Nov. 1929

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

REG. NO. 6164b

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. T'

REGISTER NO. 6164b

State Georgia

General locality St. Simon Island

Locality Village Creek

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

Vessel Party No. 23

Chief of party C. A. Egner

Surveyed by G. R. Dietz

Inked by C. A. Egner

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.

DESCRIPTIVE REPORT

TO ACCOMPANY

TOPOGRAPHIC SHEET T'

- -

Priject: F.P. #4

Party: No. 23

Year: 1934

State: Georgia

General Locality: Hampton River

Locality: Village Creek

Adjoins sheets: S', U'

Sheet on reverse side: S'

Scale: 1/10;000

Datum: N.A. 1927

Chief of Party: C. A. Egner.

Topographer: G. R. Dietz

Date of Instructions: Dec. 4, 1933

Inked by: C. A. Egner

INSTRUMENTS USED:

The usual plane-table outfit was used. There was only one triangulation station on this sheet making it necessary to run a plane-table traverse from triangulation station HAMPTON to the northwest along Hampton River checking into topo station END which was located on sheet S'.

At selected points a section of the shore line 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 provide permanent points for future surveys, to assist the photo-compilatinn unit in providing general topography.

MARKING OF STATIONS:

To provide better control for the future, stations were selected at strategic points and either marked with a 4"x4"x8' cypress hub with about 1 foot protruding above the ground, or with a 10" triangular blaze, with a nail driven into each point and one in the center, on a tree wherever this was possible.

LANDMARKS:

None worthy of the name were on this sheet.

RECOVERABLE STATIONS:

Marked topographic stations located on this sheet are listed in accompanying table and separate descriptions for each are furnished on Form 524.

GEOGRAPHIC NAMES:

No new names other than those charted were found.

MAGNETIC MERIDIAN:

Taken from setup at triangulation station HAMPTON on Sept. 27, 1934.

METHOD OF TRANSFER OF SIGNALS TO HYDROGRAPHIC SHEETS:

Recoverable stations by d.m. and d. p's.

Other stations by tracing.

VERTICAL CONTROL:

None.

CHANGES SINCE PREVIOUS SURVEYS:

Since the general topography depends upon aerial photography determination of this must await the completion of the photo-compilation. It is expected that, due to the nature of the marsh in this territory and the washing of the sand beach, considerable change will be found in the shore line.

MISCELLANEOUS:

Signals between Triangulation Stations HAMPTON and station END were located by plane-table traverse. Stations CON, TOUR, SIG, and SIL were located by cuts from setups on signals on this traverse and signals located by three point fix using same signals.

Due to the distance from any triangulation station it was thought that signals SEA, WAX, and DAY could be more accurately located by placing them on range with signals END, CON, TOUR, SIG, and LAST and spotting them by aerial photography on the banks of the creeks than by any other method.

Respectfully submitted,

G. R. Dietz

G. R. Dietz

Approved and forwarded:

C. A. Egner

C. A. Egner, Chief of Party

LIST OF RECOVERABLE TOPOGRAPHIC SIGNALS

SHEET T'

Name	Latitude			Longitude		
	0	'	meters	0	'	meters
Tour	31	13	373 1475	81	20	192 1396
End	31	13	1627 ----	81	19	--- 670
Ray	31	13	1110 - -	81	19	566 1023
Pal	31	13	319 -----	81	19	56 1532
Pole	31	12	1602 246	81	18	1090 498

M-189

REVIEW OF GRAPHIC CONTROL SURVEY T-6646, SCALE 1:10,000

Date of Review Aug 27, 1935

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5123 , , 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-5123, , , 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. Landy