6151a

6151a

Form 504
Ed. June, 1923

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

State: GEORGIA

DESCRIPTIVE REPORT

Topographic } *Sheet No.* Q 6151a
~~*Hydrographic*~~ }

LOCALITY

St. Catherines Sound?

Medway River

1934

CHIEF OF PARTY

C. A. Egner

U. S. GOVERNMENT PRINTING OFFICE: 1923

Form 537a
Ed. Nov., 1929

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. Q

REGISTER NO. 6151a

State Georgia

General locality St. Catherine's Sound, Medway River.

Locality ~~St. Cath~~ Medway River

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

Vessel Field Party #23.

Chief of party C. A. Egner.

Surveyed by Geo. Fortune, Surveyor.

Inked by H. Harnden.

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated Dec. 5, 1933., 19

Remarks: For signal location, supplementing photo control.

DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET

Field Q

Project F. P. 4

Party A 23

Year 1934.

State Ga.

General Locality Georgia Coast

Locality Medway River.

Adjoins Sheets A, R.

Sheet on reverse side (if double) A

Scale 1/10,000

Datum N.A. 1927 April, 1934.

Chief of Party C. A. Egner.

Topographer Geo. Fortune, Surveyor.

Date of Instructions Dec. 5, 1933.

Inked by H. Harnden.

INSTRUMENTS USED:

The usual planetable outfit was used. Since there were many triangulation stations throughout this sheet, traverses were unnecessary for the location of the topo signals, and in most cases all cuts were taken from the triangulation stations, insuring accurate locations.

At selected points a section of the shoreline was rodded in to assist the photo-compilation unit in tying down the general shoreline.

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:

Since there were quite a few permanently marked triangulation stations throughout this sheet, only a few topo signals were marked. This was done with 4"x4"x8' cypress posts, sunk down leaving about a foot above the marsh for assistance in future recovery.

LANDMARKS:

There were none worthy of note.

RECOVERABLE STATIONS

See paragraph "Marking of Stations" Above.

GEOGRAPHIC NAMES:

No new names other than those charted were found.

MAGNETIC MERIDIAN:-
Taken from setup at ~~triangulation~~ station BIG on May 17, 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 the general topography depends upon aerial photography, determination of this must await the completion of the photo-compilation. It is expected that considerable change will be found in the shoreline.

MISCELLANEOUS:

Magnetic Meridian was taken at Signal Big on May 17, 1934.
Rather than build many small stations, a few larger ones were constructed. These were used in the side creeks across the marsh.
The list of marked stations accompanies this report.

Respectfully submitted,

George Fortune

Geo. Fortune, Surveyor.

Approved and forwarded.

C. A. Egner,
Chief of Party.

TOPOGRAPHIC SIGNALS SHEET "Q" N. A. 1927 Datum.

Name	Latitude	meters	Longitude	meters	Description
Beg.	31 42	--- (191)	81 13	1426 (152)	4"x4"x8' Cypress post.
Down	31 43	412 (1436)	81 13	664 (914)	4"x4"x8' Cypress post
Dry	31 44	965 (882)	81 12	1098 (480)	4"x4"x8' Cypress post
[illegible]es	31 44	1423 (425)	81 15	235 (1344)	4"x4"x8' Cypress post
Plum	31 45	155 (1693)	81 12	675 (903)	4"x4"x8' Cypress post
Big	31 45	389 (1459)	81 14	344 (1235)	4"x4"x8' Cypress post.
Win	31 45	574 (1274)	81 16	398 -----	4"x4"x8' Cypress post.

M-189

REVIEW OF GRAPHIC CONTROL SURVEY T-6151a, SCALE 1, 10000

Date of Review July 29, 1935

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-~~4~~ ,T5117, , 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. None

Notes and corrections resulting from the review are shown on this survey in green.

The portion of this survey ~~and~~ covered by Compilation T 5117 are in agreement.

7/29/35

L. C. Landy

C Biggones

6151b

Form 504
Rev. Dec. 1933

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

DESCRIPTIVE REPORT

Topographic / ~~*Hydrographic*~~ *Sheet No.* A 6151b

State Georgia

LOCALITY

St. Catherines Sound

Entrance to Medway River

1934

CHIEF OF PARTY

C.A. Egner

U.S. GOVERNMENT PRINTING OFFICE: 1934

6151b

Form 537a
Ed. Nov., 1929

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. A.

REGISTER NO. 6151b

State Georgia.

General locality St. Catherines Sound, Medway River.

Locality ~~as~~ Entrance to Medway River

Scale 1/10,000 Date of survey January, April, 1934

Vessel Gilbert, and Party #23 using launch Patsy.

Chief of party C. A. Egner.

Surveyed by Jere Morton, Lt. and Geo. Fortune, Surveyor.

Inked by H. Harnden.

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

Contour, Approximate contour, Form line interval ____ feet

Instructions dated Dec. 5, 1934, 19____

Remarks: Bristol Board for signal location only, supplemented by minor shoreline.

DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET

FIELD A

PARTY # 23 PROJECT :- E.P.4

YEAR 1934.

STATE Georgia

GENERAL LOCALITY St. Catherine's Sound

LOCALITY St. Catherine's Sound, Medway R.

ADJOINS SHEETS B, S, Q

SHEET ON REVERSE SIDE (IF DOUBLE)

Q

SCALE 1/10,000

DATUM N. American 1927

CHIEF OF PARTY C. A. Egner

TOPOGRAPHER J. Morton, E. Fortune

DATE OF INSTRUCTIONS Dec. 5, 1933.

INKED BY H. Harnden.

INSTRUMENTS USED:

The usual planetable outfit was used. There being many triangulation stations throughout this sheet, it was not necessary to resort to traverse in the location of the topo. signals.

PURPOSE OF SURVEY:

To locate signals for hydrography, to provide a few check points of shoreline to assist the photo-reduction section in tying down the topography, to provide recoverable stations for future surveys, to revise existing surveys.

MARKING OF STATIONS:

As there are a comparatively large number of triangulation stations within the confines of this sheet, all of which are marked permanently, only a few of the topographic points were marked. This was done with 4"x4" cypress posts.

LANDMARKS:

There were none worthy of note.

RECOVERABLE STATIONS:

See "Marking of Stations" above.

GEOGRAPHIC NAMES:

Those listed on the chart were retained.

MAGNETIC MERIDIAN:-

Taken from setup at triangulation station SPIT on February 18, 1934.

METHOD OF TRANSFER OF SIGNALS TO HYDROGRAPHIC SHEET:-

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

Non-recoverable " " tracing.

VERTICAL CONTROL:

None.

CHANGES SINCE PREVIOUS SURVEYS:

It is known that extensive changes have taken place in the depths, and therefore it is expected that many such are to be found in the shoreline, likewise. With only a very little shoreline rodded in, a determination of the amount of this must await inspection of the aerial photos of the locality.

MISCELLANEOUS:

This sheet presented a very simple one for topography of this sort. With many triangulation stations available, intersection on the topo. stations was completed in short order, and with unusual accuracy. Some of these signals were build high enough to be seen across the marsh for the sounding of the side creeks.

As Lieut. J. Morton, who did the early topography on this sheet, has been transferred, this report is written by the Chief of Party, Party #23 who was also Commanding Officer of the Gilbert at the time Mr. Morton did the work. The sheet was completed by George Fortune, who signs for his share of the work.

Respectfully submitted,

C. A. Egner.

Geo. Fortune.

Approved and forwarded.

C. A. Egner.
Lieut. C. & G. Survey.

PLANETABLE POSITIONS — SHEET "A" N. A. 1927 Datum

Name	Latitude	meters	Longitude	meters	Description
Tree	31 42	103 (1745)	81 08	916 (664)	Stump of dead tree
Hour	31 42	83 (1764)	81 11	339 (1240)	4"x4"x8' Cypress post
L[illegible]	31 42	1417 (431)	81 11	1103 (476)	4"x4"x8' Cypress post
[illegible]Mar	31 43	808 (1039)	81 10	1236 (343)	4"x4"x8' Cypress post
Rag	31 43	1629 (218)	81 11	81 (1557)	4"x4"x8' Cypress post.

6151 B.

Form 504
Rev. Dec. 1933

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

DESCRIPTIVE REPORT

Topographic } *Sheet No.* 8 A
~~Hydrographic~~

State Georgia

LOCALITY

St. Catherines Sound

1934

CHIEF OF PARTY

Herman Odessey

U.S. GOVERNMENT PRINTING OFFICE: 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, 1933.

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 marks 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 has 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 whereever 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 description was 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 names 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. See Air Photo Compilation T-5219 for location of these beacons. V.R.S 6-11-35

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.

Plane Table Positions. Sheet "A"

Name	Latitude D. M. Meters	Longitude D. M. Meters	Description of Object
		None	

Form 567
Ed. Dec., 1929

"C"

DIVISION OF CHARTS, FILE NO. _____

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

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
Herman Odessey, Chief of Party.

DESCRIPTION	POSITION						DATUM	METHOD OF DETERMINATION	CHARTS AFFECTED
	LATITUDE			LONGITUDE					
	°	′	D. M. METERS	°	′	D. P. METERS			
Beacon No. 2 Bear River	31	44	572.6	81	09	820.2	NA	Triangulation	573 1241

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.

U. S. GOVERNMENT PRINTING OFFICE: 1931