

6145

U. S. COAST & GEODETIC SURVEY
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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. L 6145
Hydrographic }

LOCALITY

Ossabaw Sound

Harvey Cut to Charles Creek

193 4

CHIEF OF PARTY

C. A. Egner

U. S. GOVERNMENT PRINTING OFFICE: 1923

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REG. NO. 6145

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. "L"

REGISTER NO. 6145

State Georgia

General locality Ossabaw Sound

Locality Harvey Cut to Charles Creek

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

Vessel Party No. 23 - Launch "Owanee"

Chief of party C.A. Egner

Surveyed by A.W. Green, Jr.

Inked by H.A. Harnden.

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 "I."
PARTY # No. 23 PROJECT F.P.4
YEAR 1934
STATE Georgia
GENERAL LOCALITY Ossabaw Sound
LOCALITY Little Ogeechee River
ADJOINS SHEETS D, F, C, J, N
SHEET ON REVERSE SIDE (IF DOUBLE)

SCALE 1/10,000
DATUM North American 1927
CHIEF OF PARTY C.A. Egner
TOPOGRAPHER A.W. Green, Jr.
DATE OF INSTRUCTIONS Dec. 4, 1933
DRAWN BY H.A. Harnden

INSTRUMENTS USED: Standard Plane Table Equipment.

Stations on this sheet were located by cuts from triangulation stations.

Shore line, in certain portions as indicated, was located by stadia.

PURPOSE OF SURVEY

To provide control for hydrography, to provide recoverable stations for future surveys, to control aerial photography for charting this locality, and to revise existing surveys.

MARKING OF STATIONS:

The triangulation surveys in this area are marked in the accepted permanent manner with standard discs set in concrete. The important topographic signals were permanently marked with 4"x4" cypress hubs 8' long driven into the ground with about 2' projection or by distinctive blazes on trees. These are noted and described on the sheet.

LANDMARKS:

There were no landmarks in this area considered prominent enough to be charted.

RECOVERABLE STATIONS

The triangulation stations in this area are all recoverable. The topographic signals permanently marked as noted above are recoverable and will be sufficient to control this area for future surveys.

GEOGRAPHIC NAMES:

The charted names are used in all cases.

MAGNETIC MERIDIAN:

*Taken from setup at triangulation station COBY
on April 5, 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:


Since the general shore line was not taken in this survey it is difficult to say what changes have taken place in the shore line. This will be determined from the aerial survey of this area.

MISCELLANEOUS:

The arrangement of topographic signals should be noted on this sheet. Rather than establish a great number of small flags, with the attendant difficulty of location, a few were set up large enough to be seen across the marsh anywhere throughout the area. These were ranged in accurately on line from triangulation stations, eleven being set up in one line, and seven in another at nearly right angles to it. Knowing them to be in line, proof of accurate intersection on them was provided by laying a straight-edge along them. This system had many advantages, particularly when sounding the smaller creeks in this area.

A list of topographic signals, the positions of which were determined by intersection on this sheet, is included in this report. Also, descriptions of all marked topo. signals are forwarded herewith.

Respectfully submitted,


C. A. Egner, Lieut.
Chief of Party.

The topographer on this sheet, A. W. Green, Jr., is no longer employed on this party as this report is typed. His signature to the report cannot be gotten, though he wrote it.

Plane table positions

Sheet "L" (Field)

Name	Latitude	meters	Longitude	meters	Description.
Tap	31 52	803 (1045)	81 07	554 (1022)	4"x4"x8' Cypress hub.
Mac	31 53	848 (1000)	81 08	825 (751)	Do.
Add	31 53	1170 (678)	81 08	1138 (438)	Do.
Pas	31 53	1248 1258 (600) (590)	81 09	1057 1057 (519) 520	Do. MDC
Inter	31 53	1772 (76)	81 09	150 (1426)	Do.
Tel	31 54	70 (1778)	81 07	182 (1394)	Do.
Gate	31 54	903 (945)	81 08	39 (1537)	Do.
Ber	31 54	1348 (500)	81 09	1538 (38)	Do.
Hal	31 54	1600 (248) ?	81 07	407 (1169) ?	Do.
Die	31 55	732 ---	81 10	1165 (411)	Do.

No. American 1927 Datum.

Note: See review of Air Photo Compilation T-5215 for discussion of Teland Hal.

G. R. S.

REVIEW OF T-6145

This survey has been examined in connection with the Review of Air Photo Compilation T-5114. The following stations were transferred incorrectly to this survey from graphic control survey T-6146:

PAG, CHEE, OY, WAVE, and TELL.

See descriptions on Form 524 and graphic control survey T-6146 for correct locations.

W. D. Crook

✓ B. G. Jones