

6144

U. S. COAST & GEODETIC SURVEY  
LIBRARY AND ARCHIVES

NOV 30 1934

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. N 6144  
Hydrographic }

LOCALITY

Ossabaw Sound

Ogeechee River

1934

CHIEF OF PARTY

C. A. Egner

U. S. GOVERNMENT PRINTING OFFICE: 1923

6144

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

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REG. NO. 5144

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. "N"

REGISTER NO. 6144

State Georgia

General locality Ogeechee Sound

Locality Ogeechee River

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

Vessel Party No. 23 - Launch "Owanee"

Chief of party C.A. Egner

Surveyed by A.W. Green, Jr.

Inked by A.W. Green, Jr.

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 "N"  
Project F.P. 4  
Party # 23  
Year 1934  
State Georgia  
General Locality Ogeechee River  
Locality Folly Farms  
Adjoins Sheets L, P  
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  
Inked by A.W. Green, Jr.

**EQUIPMENT USED:** Standard Plane Table Equipment.

Stations on this sheet were located by cuts from triangulation stations, three-point fixes and traverse.

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 stations 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"x 4" 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 are sufficient to control this area for future surveys.

**GEOGRAPHIC NAMES:**

The present charted names are used in all cases.

**MAGNETIC MERIDIAN:**

Taken from setup at triangulation station NECK on  
May 1, 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 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:**

Signals SAID and ZEB were located by cuts from traverse from triangulation station NECK.

Signals GEO and FRER were located by cuts from traverse from signal LAT and checked by cuts from signal TOPO and triangulation station ROCK.

Signals YOKE, PREP, MIKE, GO and JACK were located by cuts from triangulation station ROCK and cuts from traverse from triangulation station NECK.

Signal TOPO was located by a three-point fix and used for cutting in various other signals.




MISCELLANEOUS (Continued)

It is to be noted that the topo. signals have been established in straight lines, extending from triangulation stations. This has been done in preference to building a great many small signals, for economy in building, accuracy of location, and to permit them to be seen across the marsh. They are, of course, larger than small ones would have to be, but the great advantage of them lies in their accuracy, and ability to be seen across the marsh. Knowing them to be laid out exactly in line, proof of accurate location can be had by laying a straight-edge along the line after intersection is completed; it is obvious that one cut can be taken on all simultaneously from the triangulation station, after which, for practical purposes, two additional cuts should give accurate locations.

A further advantage of this method is that in hydrography one is never in danger of a circular fix; the angles may be small, but a fix is provided at any place on the sheet where the signals can be seen.

Respectfully submitted,

  
C. A. Egner,  
Chief of Party.

Note: This report was written in the rough by the topographer, A. W. Green, Jr., who resigned from the party before the report was typewritten.

List of Planetable Positions

Sheet N (Field)

Name	Latitude	meters	Longitude	meters	Description
Prep	31 53	434 (1414)	81 14	181 (1396)	4"x4"x8' cypress hub
Mike	31 53	772 (1076)	81 14	41 (1536)	Do.
Go	31 53	1172 (676)	81 13	1455 (122)	Do.
Jack	31 53	1569 (279)	81 13	1293 (285)	Do.
Fox	31 54	516 (1332)	81 13	965 (612)	Do.
Easy	31 54	764 (1084)	81 13	863 (714)	Do.
Bake	31 54	1247 (601)	81 13	665 (912)	Do.
Jo	31 54	1 (1847)	81 11	1224 (353)	Do.
Sob	31 54	997 (851)	81 11	1238 (339)	Do.
Lat	31 55	732 (1116)	81 11	1257 (320)	Do.
Topo	31 54	91 (1757)	81 <del>12</del> 13	110 (1467)	Do.

All scaled on N. American 1927 Datum.

Correction made by

*W. Derack*

*4/18/35*

*B. G. Jones*

REVIEW OF T-6144

This sheet has been examined in connection with the review of air photo compilation T-5116.

The projection, reference station, and described stations were found to be correct. All detail checked within reasonable amount except shore line east of ~~Δ~~NECK, 1932, and shore line southwest of ~~⊙~~PREP (d). Both places failed to check the compilation by about 20 meters. The description of ~~⊙~~PREP (d) was changed on Form 524 to agree with compilation and plane table survey. (See review of T-5116 and T-511<sup>4</sup>~~8~~ for detailed discussion)

*McCrack*  
4/18/35