

3821

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Form 504	
DEPARTMENT OF COMMERCE & COAST & GEODETIC SURVEY	
U. S. COAST AND GEODETIC SURVEY	
State: <i>La & South</i>	
FEB 10 1921	
11-5613	
DESCRIPTIVE REPORT.	
Sheet No. <i>3821</i>	
LOCALITY:	
<i>Type Roads -</i>	
<i>Calibogue Sound and</i>	
<i>Mouth of Savannah</i>	
<i>River</i>	
19 <i>20</i>	
CHIEF OF PARTY:	
<i>H. A. Swan</i>	

Descriptive Report

to accompany Topographic Sheet No. _____

Tybee Roads & Calibogue Sound

Georgia and South Carolina.

H. A. Seran, Chief of Party.

The topography on this sheet was executed under instructions dated October 15th, 1920 and was for the primary purpose of locating signals for the hydrography and of showing any changes in the shore line from previous surveys.

Shore Line.

By far the greater part of the shore line is marshy. At the head of Calibogue Sound between May River and Skull Creek the outer edge of the marsh grass is generalized as the shore line. This section is covered at high water and has numerous creeks, small bays and indentations that are not shown on the sheet.

Changes since previous survey.

No attempt was made to show interior features but they were checked on the present charts, especially No. 440, and seem very well. The tree lines on Tybee Island and Turtle Island are just as are shown at present.

The east coast of Daufauskie Island has been washed to a small extent and at several places there are rows of stumps, showing a previous shore line, outside the present low water line.

The bluff at Hague Point, north end of Daufauskie Island, has been eroded a great deal but a flat covered at high water extends out to the former bluff line.

Turtle Island, the small marshy island lying just south of Daufauskie Island, has changed a great deal in outline. The instructions called for a survey of the south-east coast only but it was necessary to survey the entire island with the exception of the north shore before we could connect with the outline as shown on the present charts.

Method of survey.

In general, there were sufficient triangulation signals and stations to allow the greater part of the work to be done by 3 point locations. Some traversing and some sextant locations were necessary. The latter were used in surveying the west side of Turtle Island and the south channel of the Savannah River.

The topography on this sheet was run by Mr. Ober,
Mr. Itter and the Commanding Officer in about
equal portions. The shore line of the south channel
of Savannah River was located by the hydrographic
party and plotted on this sheet.

H. A. Seran.

H. A. Seran,
H. & G. Engineer.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
WASHINGTON

SECTION OF FIELD RECORDS.

Report on Topographic Sheet 3821.

Surveyed in 1920.

Chief of Party: H. A. Seran.

Surveyed by H. A. Seran, C. H. Ober
and C. J. Itter.

Inked by H. A. Seran and C. H. Ober.

1. The plan and character of the survey fulfill the requirements of the General Instructions, and satisfy the specific instructions.
2. It is to be regretted that standard Whatman's paper was not used for this survey, as the paper used is of poor quality and subject to deterioration.
3. The character of the surveying and field drafting are good.
4. Reviewed by E. P. Ellis, March, 1921.
5. Two copies of this report to be sent to Hydrography & Topography Division.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

The finished Topographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

U. S. Coast and Geodetic Survey.

Register No. 3821

State GEORGIA & SOUTH CAROLINA.

General locality . . . Coast. Tybee Roads

Locality . ~~Tybee Roads~~ Calibogue Sound and Mouth of Savannah

Chief of party . . . H. A. Seran.

Surveyed by H. A. Seran, C. H. Ober, C. J. Itter.

Date of survey November 1920.

Scale . . . 1: 20,000.

Heights in feet above

Contour interval feet.

Inked by H. A. S., C. H. O. Lettered by H. A. S., C. H. O. ?

Records accompanying sheet (check those forwarded): Photographs,

Descriptive report, Horizontal angle books, Field computations,

Data from other sources affecting sheet

Remarks: