

4121

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Form 504
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

State: *Georgia*

11-5613

DESCRIPTIVE REPORT:

Topo Sheet No. *5211*

LOCALITY:

Georgia Coast
Sapelo Sound

1924-25

CHIEF OF PARTY:

F. S. Borden

41201

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET

(Field Letter "H")

SABELO SOUND AND VICINITY

GEORGIA

STEAMER BACHE

F.S. BORDEN, COMDG.

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET

(Field Letter "H")

SAPELO SOUND AND VICINITY

GEORGIA

STEAMER BACHE

F. S. BORDEN, COMNDG.

LIMITS,

The work on this sheet covers Sapelo Sound and the outside coast from the small inlet about 2 miles south of Cabretta Inlet on the south, to McQueens Inlet on the north.

Topography was carried into the sound to the western side of Dog Island and up all rivers and creeks until a junction was effected with the old surveys.

CONTROL:

Excellent control was furnished by the recovery of 9 triangulation stations and the approximate recovery of two others at Δ North 2 and Δ Wind, the marks were disturbed but both were recovered within one or two meters of their true location.

METHODS:

Chain traverse, using a 100 meter wire, was used in the outside coast to the northward of the sound. A stadia traverse was run from Δ Hospital N. Chimney to Δ Palm. Chain traverse was run from Δ Palm to \odot Neal. \odot Neal had previously been located from Δ Neck. The signals inside the sound were located by planetable triangulation and the shore line was run in from three point fixes.

CHANGES:

Erosion has been very extensive on both sides of the entrance to the sound, the maximum distance the shore line has cut away being about 400 meters.

The shore line inside the sound shows extensive changes on the northern side near Barbour Island River the shore line having built out and filled in at this point.

A new island has built up N.W. of Δ Sapelo Island N. Base.

The old quarantine wharf is in ruins and nothing but a rock pile and a portion of the dock with the old fumigation tank on it remains. A few piles, submerged at high tide were located by the topographer. The stack shown on the chart is gone.

LAND MARKS:

- ⊙ Easy and ⊙ Dune are prominent land marks from the outside.
- ⊙ Easy is a single dune which shows up sharply against the dark background.
- ⊙ Dune is a 30 foot tripod of white boards on one of a group of tall dunes at the southern entrance.
- ⊙ Tank is the old fumigation tank on the wharf and makes a prominent land mark.
- ⊙ Neal is an old house near the northern side of Cabretta Inlet. The whole front roof was painted white and used as a signal.

Respectfully submitted

(signed) C. I. Aslakson

*Approved
Grant S. Bond.*

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

WASHINGTON October 24, 1925.

SECTION OF FIELD RECORDS

Report on Topographic Sheet No. 4121

Sapelo Sound, Georgia

Surveyed in 1924-25

Instructions dated May 8, 1924

Chief of Party, F. S. Borden.

Surveyed by C. I. Aslakson.

Inked by F. S. B., C. I. A. and L. R. Burroughs.

1. The records conform to the requirements of the General Instructions.
2. The plan and character of the survey conform to the requirements of the General Instructions, except that the magnetic meridian was not shown.
3. The plan and extent of the survey satisfy the specific instructions.
4. The junctions with the adjoining sheets are satisfactory.
5. No further surveying is required.
6. The character and scope of the surveying and field drafting are excellent.
7. Reviewed by E. P. Ellis, October, 1925.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. 4121

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. Sheet "HP"

REGISTER NO. 1001

State GEORGIA

General locality GEORGIA COAST

Locality SAPALO SOUND

Scale 1:200000 Date of survey Nov. 1924 - Feb. 1925

Vessel BACHE

Chief of Party F. S. Borden

Surveyed by C. I. Aslakson

Inked by F. S. Borden, C. I. Aslakson, L. R. Burroughs

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

Contour, Approximate contour, Form line interval ----- feet

Instructions dated June 24, 1924

Remarks: -----