

4123

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

State: Georgia

11-5613

DESCRIPTIVE REPORT.

Topographic Sheet No. 4123

LOCALITY:

Georgia Coast

St. Catherine Isl. & Vicinity

1925

CHIEF OF PARTY:

F. S. Borden

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET

NO.....

(Field Sheet "J")

ST. CATHARINE SOUND

AND APPROACHES

GEORGIA.

STEAMER BACHE

F.S. BORDEN

COMD'G.

DESCRIPTIVE REPORT
to accompany
TOPOGRAPHIC SHEET
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(Field Sheet "J")

ST. CATHARINE SOUND

AND APPROACHES

GEORGIA

STEAMER BACHE

F.S. BORDEN

COLDG.

EXTENT

This sheet shows a resurvey of the coast line from a point 5 miles south of St. Catharine Sound, where it joins sheet "H", northward to the south entrance point of Ossabaw Sound where it joins sheet "K". It also shows the shoreline as it now exists in St. Catharine Sound and tributaries back to a junction with the older surveys.

CONTROL

The survey was controlled by recovered triangulation stations except in St. Catharine Sound where additional triangulation was done to insure ample control.

Wire or tape traverse was run from \odot End to Δ RAUNER checking on Δ BLACK 2, which was recovered. Wire traverse was run from Δ OS 2 (Ecc) northeastward to Δ LAND at the entrance to Ossabaw Sound.

This traverse was rather long but checked in distance exactly. It was off in azimuth about 100 meters. This discrepancy was adjusted by surveying the entire stretch of shoreline on OS 2.

The work inside the sound was controlled by three point fixes largely on triangulation stations.

LANDMARKS

The only prominent land mark as seen from off shore is the large sand dune shown as \odot ABLE at the south end of a high sand ridge. This dune shows up plainly from as far south as Sapelo Bar and was used as right object while running sounding lines over the bar.

The sheet was scetched on the launch "Mikant" while in a race over the chart table, by heat from a lamp on the table.

Respectfully submitted,

Frank S. Borden
Frank S. Borden.

ADDRESS THE DIRECTOR
U. S. COAST AND GEODETIC SURVEY

AND REFER TO NO. 4-~~DM~~

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

WASHINGTON October 24, 1925.

SECTION OF FIELD RECORDS

Report on Topographic Sheet No. 4123

St. Catherine Sound, Georgia

Surveyed in 1925

Instructions dated May 6, 1924.

Chief of Party, F. S. Berden.

Surveyed by L. C. Wilder.

Inked by 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, nor were the projection and triangulation points verified.
3. The plan and extent of the survey satisfy the specific instructions.
4. The junctions with the adjoining sheets are satisfactory. The small creek at Lat. $31^{\circ} 46'$ does not appear on the old survey and should have been carried further inland.
5. No further surveying is required.
6. The character and scope of the surveying are excellent.
7. Reviewed by E. P. Ellis, October, 1925.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. 4123

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 "J."

REGISTER NO. 4123

State Georgia

General locality Coast of Georgia Coast

Locality St. Catharine Sound and Vicinity

Scale 20:000 Date of survey February, 1925

Vessel Steamer BICHE

Chief of Party Frank S. Borden

Surveyed by L. C. Wilder

Inked by 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: _____