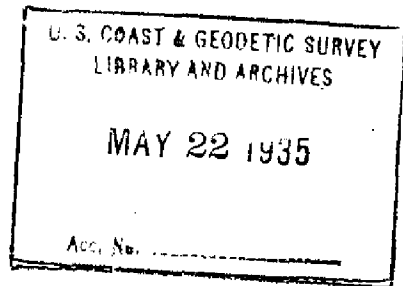


6291a
6291b



Form 504
Rev. Dec. 1933
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. PATTON, Director

DESCRIPTIVE REPORT

Topographic

Graphic Control

Hydrographic

Sheet No. EE

State South Carolina

LOCALITY

Bull Island, Bull Creek

193 5

CHIEF OF PARTY

U. S. GOVERNMENT PRINTING OFFICE: 1934

6291a
6291b

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

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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. EE

REGISTER NO. **T6291a**

State South Carolina

General locality Bull Island

Locality Bull Creek

Scale 1:10,000 Date of survey Jan., 19 35

Vessel Party No. 19

Chief of party Benjamin H. Rigg

Surveyed by A. M. Rogers, Jr.

Inked by A. M. Rogers, Jr.

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated October 10, 1933.

Remarks: Geographic Names had been inked on sheet before it was
discovered that they should have been left in pencil.

OUTLINE

1. INSTRUCTIONS
2. PURPOSE OF SURVEY
3. DESCRIPTION OF TERRITORY
4. LIMITS OF SHEET
5. CONTROL
6. SURVEYING METHODS USED
7. PERMANENT STATIONS ESTABLISHED
8. AIDS TO NAVIGATION
9. LANDMARKS AND BATES
10. TOPOGRAPHIC FEATURES LOCATED FOR COMPARISON WITH
AIR PHOTO COMPILATION.

DESCRIPTIVE REPORT TO ACCOMPANY
ALUMINUM MOUNTED CONTROL SHEET EE

INSTRUCTIONS

The survey was carried out under instructions dated October 10, 1933, also Director's letters 22 Mg 1990 (19), 26-AH 293, and circular letter No. 30.

PURPOSE OF SURVEY

The purpose of this survey was to locate hydrographic control for a survey of the channel entering Bull Harbor and the creeks leading away from the southern end of Bull Bay; also to locate the H.W.L. along the sand beach of Bull Island, together with patches of shoreline along creeks on the interior for comparison with the air photo compilation.

DESCRIPTION OF TERRITORY

The territory covered by this sheet is generally marshy. The seaward side of this marsh area is bordered by a densely wooded island which has a smooth sand beach approximately 100 meters ^{wide}~~narrow~~ at low tide and 20 meters wide at high tide.

Bull Creek and Andersonville Creek (formerly charted as Sewee Creek) extend from Bull Bay to the inland waterway, but are rendered unimportant by a shoal area at their entrance into the old inland route. These creeks are used as an anchorage for shrimp and fish boats operating in this vicinity.

LIMITS OF SHEET

The topography on this sheet included the sand beach of Bull Island between Long. $79^{\circ} 34.1'$ and Long. $79^{\circ} 37.2'$, and numerous patches of detail on the interior for checking the compilation.

CONTROL

The following triangulation stations were used for control on Sheet EE:

Middle	1924	Hickory	1934
Bull	1934	Wharf	1934

SURVEYING METHODS USED

The H.W.L. along the sand beach on Bull Island was located by means of a steel tape and planetable traverse. This traverse was started from triangulation station BULL and run around the sand beach to topographic station TALL. The intersection of a cut from triangulation station WHARF and a cut taken from a set-up determined by a range and resection, checked the traverse location within 2.0 meters. The position of station TALL ascertained on sheet DD by cuts from triangulation stations was transferred to sheet EE and found to check within one meter.

The H.W.L. was located by offset measurements taken from the traverse line at intervals of 100 meters.

Hydrographic signals along the front beach were located either on the T.P.'s of the traverse or by stadia readings and check cuts taken from set-ups at the T.P.'s.

All hydrographic signals on the interior were located by cuts from triangulation station and check cut taken from set-ups determined by range and resection.

PERMANENT STATIONS ESTABLISHED

One permanently marked station was established on sheet EE, U.S.C. & G.S. B.M. No. 1. A description of this station on form 524 accompanies this sheet. This station is designated by the letter "D" on the sheet.

AIDS TO NAVIGATION

There were no aids to navigation on the area covered by sheet EE.

LANDMARKS AND NAMES

LANDMARKS - NO Landmarks fell within the area covered by this sheet.

NEW NAMES - Two changes in names of creeks on the area covered by this sheet are recommended:

1. Wharf Creek (Chart 1233) is locally known as Summerhouse Creek.

2. Sewee Creek (Chart 1238) is locally known as Andersonville Creek.

The authorities for these changes are:

Mr. Edward M. Moore,	Box 370,	Charleston,	S.C.
Mr. Cary Bostick	" "	" "	" "
Mr. Glenn Kennsie	" "	" "	" "

These men have lived on the shores of these waters all of their lives and at present are Superintendent, Engineer, and Foreman respectively of the estate on Bull Island.

TOPOGRAPHIC FEATURES LOCATED FOR COMPARISON WITH THE AIR PHOTO COMPILATION

All H.W.L. along the ocean beach and patches of shoreline along creeks on the interior were located for comparison with the compilation. Rod readings or measurements to shoreline have been shown by dots in breaks in the shoreline in all cases. In cases where minor discrepancies occurred, the compilation was corrected to agree with the rod readings on the topographic sheet.

It is noted that the shoreline along the ocean beach is being eroded by wind and wave action.

11. / statute miles of shoreline were run in.

Respectfully submitted,

A. M. Rogers, Jr.

A. M. Rogers Jr.
Forwarded by,

Benjamin H. Riggs
Chief of Party.

6291b

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Form 504
Rev. Dec. 1933
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic } Sheet No. FF
Hydrographic }

State South Carolina

LOCALITY

Inland Waterway, Along Bull Bay

1935

CHIEF OF PARTY

U. S. GOVERNMENT PRINTING OFFICE: 1934

6291b

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

U. S. COAST AND GEODETIC SURVEY LIBRARY AND ARCHIVES	REG. NO.
MAY 21 1935	
Acc. No. _____	

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. FF

REGISTER NO. **T6291 b**

State South Carolina

General locality Inland Waterway

Locality Along Bull Bay

Scale 1:10,000 Date of survey December, 1934

Vessel Party No. 19

Chief of party Benjamin H. Rigg,

Surveyed by A. M. Rogers, Jr.

Inked by A. M. Rogers, Jr.

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated October 10, 1933

Remarks: Geographic Names had been inked on sheet before it was discovered that they should have been left in pencil.

OUTLINE

1. INSTRUCTIONS.
2. PURPOSE OF SURVEY.
3. DESCRIPTION OF TERRITORY.
4. LIMITS OF SHEET.
5. CONTROL.
6. SURVEYING METHODS USED.
7. PERMANENT STATIONS ESTABLISHED.
 - A. U.S.E.D. Stations.
 - B. OTHER Topographic Stations.
8. AIDS TO NAVIGATION.
9. LANDMARKS AND NAMES.
10. TOPOGRAPHIC FEATURES LOCATED FOR COMPARISON WITH AIR PHOTO COMPILATION.

DESCRIPTIVE REPORT TO ACCOMPANY
ALUMINUM MOUNTED CONTROL SHEET FF

INSTRUCTIONS

This survey was carried out under instructions dated October 10, 1933, also Director's letters 22 Mg 1990 (19), 26 - AHH 293 and circular letter No. 30.

PURPOSE OF SURVEY

The purpose of the survey was to locate the newly dredged Intra-coastal Waterway, Aids to Navigation, permanently marked U.S.E.D. Stations, and topographic features for comparison with the Air Photo Compilation.

DESCRIPTION OF TERRITORY

The territory included on this sheet is mostly marsh. The new intra-coastal Waterway extends along the N.W. edge of this sheet separated from the solid ground of the mainland by a narrow strip of marsh and occasional spoil banks. In the section of Sewee Bay covered by the sheet, the waterway is separated from the solid ground of the mainland by an area of mud flats and oyster bars covered at half tide. Numerous small unimportant creeks lead from the Waterway to Bull Bay. The creeks are filling up fast.

LIMITS OF SHEET

Sheet FF is split into two parts that cover a section of the Intra-coastal Waterway from N. Lat. $33^{\circ} 01.8'$ to N. Lat. $32^{\circ} 55.4'$. It covers a strip approximately 1.8 miles wide which includes the marsh lined shore of Bull Bay and extends back to the edge of the solid ground of the mainland.

CONTROL

The following triangulation stations were used for control on sheet FF:

U.S.E.D. Sewee 1934	Van 1934	Wagner 3 1924
U.S.E.D. Belvi 1934	Owendaw 1857	U.S.E.D. Graham 1934

SURVEYING METHODS USED

The methods used in surveying this sheet were in exact accordance with instructions set forth in the topographic manual. Aids to Navigation and flags which were to be used for temporary control were located by at least two cuts from triangulation stations and when practicable, by three cuts from triangulation stations. No traverses were run, and no difficulties due to the lack of control were encountered.

PERMANENT STATIONS ESTABLISHED

A. U.S.E.D. Stations. -- The following U.S.E.D. stations were located on sheet FF:

337+89.4 S-A
337+89.4 S-B
300+64.05 S-A&B
265+08.7 S - A & B
209+00.00 S - A & B
165+73.25 S - A & B
133 + 22.74 S - A & B
105+00.00 S - A & B
67+50.00 S - A & B
24+00.00 S - A & B
16+54.45 N - A & B
~~65~~+00.00 N - A & B
56

Descriptions of these reference marks on form 524 accompany the report. For a further discussion of Engineers' reference marks see descriptive report accompanying sheet PP.

B. Other Permanent Stations. -- The center of an iron tank which is lying in the marsh on the edge of Bull Bay was cut in for a permanent topographic station. A description of this station on form 524 accompanies this sheet. It has been designated by the letter "D" on the sheet.

AIDS TO NAVIGATION

Aids to Navigation falling on sheet FF consist of lighted and unlighted beacons along the Intracoastal Waterway. These beacons were located on the control sheet by standard planetable methods.

A list of beacons, including brief descriptions and geographic positions, on form 524, accompanies the report.

For a further discussion of Aids to Navigation along the Intra-coastal Waterway, see descriptive report accompanying sheet PP.

LANDMARKS AND NAMES

The requirements stated in supplementary instructions on landmarks have been complied with. It is recommended that the one landmark on the area of the present chart (No. 1238) pertaining to the area covered by this sheet be omitted on the new charts. This object is not prominent enough to be distinguished from a distance of more than one mile. It is designated as an "Old Boiler" on chart 1238 at Lat. 32° 39.4', Long. 79° 35.3'. See letter to Director dated May 20, 1935.

The creek which is called Van Ross Creek on the present chart No. 1238 is commonly known as Venning Creek. This name has been applied to this creek for several generations.

The authorities for this change are:

Mr. Edward M. Moore, Box 370, Charleston, S.C.

Mr. Cary Bostick " " " "

Mr. Glenn Kennsie " " " "

These men have lived on the shores of these waters all of their lives and at present are Superintendant, Engineer, and Foreman, respectively on Bull Island.

TOPOGRAPHIC FEATURES LOCATED FOR COMPARISON WITH AIR PHOTO COMPILATION

Fourteen and four tenths statute miles of shoreline and two docks were rodged in on sheet FF. The comparison showed no major discrepancies. In cases where minor discrepancies occurred, the compilation was corrected to fit the rod readings on the topographic sheet. In all cases the rod readings on the sheet are shown by dots in the breaks in the shore line.

Respectfully submitted,

Augustus M. Rogers, Jr.

A. M. Rogers Jr.

Forwarded by,

Benjamin H. Riggs
Lt. Benjamin H. Riggs,
Chief of Party.

REVIEW OF GRAPHIC CONTROL SURVEY T-62915, SCALE 1/10,000.

Date of Review *Sept. 13, 1935*

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5390, , with particular attention to the following details:

- (a) Projection has been checked in the Field. ✓
- (b) Accuracy of location of plane table control points. ✓
- (c) Discrepancies between detail on this survey and the air photo compilations listed ~~above~~. *In the review for Desc. Report T-5390*
- (d) Discrepancies found in descriptions submitted on Form 524 when compared with the air photo compilations listed above. *none* ✓

2. Refer to the reviews and descriptive reports of air photo compilations Nos. T-5390, , for a more complete discussion of any errors or discrepancies found.

Any material errors found on this survey are noted in subsequent paragraphs of this review, and these have been reported to the Field Records Section and the Cartographic Section. *none* ✓

Notes and corrections resulting from the review are shown on this survey in green. *none* ✓