

6290a

U. S. COAST & GEODETIC SURVEY  
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MAY 22 1935

Acc. No. \_\_\_\_\_

Form 501  
Rev. Dec. 1933  
DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY  
R. S. PATTON, Director

## DESCRIPTIVE REPORT

Topographic }  
~~Hydrographic~~ } Sheet No. .00

State South Carolina

### LOCALITY

Capers Inlet, ~~Inside Route,~~

~~Dewees and Capers Island~~

Santee Pass to Dewees Inlet

1935

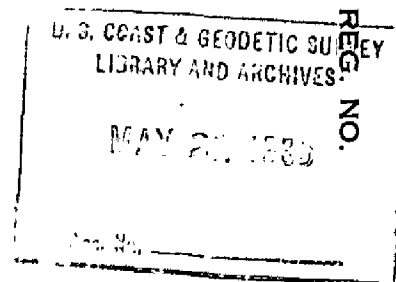
CHIEF OF PARTY

Reuben H. Higg.

U. S. GOVERNMENT PRINTING OFFICE: 1934

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

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. CC

REGISTER NO. T6290 a

State South Carolina

General locality Capers Inlet, Florida

Locality Santee Pass to Dewees Inlet

Scale 1:10,000 Date of survey February, 1935

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, 1935

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 NAMES.
10. TOPOGRAPHIC FEATURES LOCATED FOR COMPARISON WITH AIR PHOTO COMPILATION

DESCRIPTIVE REPORT TO ACCOMPANY  
ALUMINUM MOUNTED CONTROL SHEET CC

INSTRUCTIONS

The 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 establish hydrographic control for a survey of Capers Inlet, Dewees Inlet, and the creeks leading away from these inlets, also to locate all permanently marked U.S.E.D. stations, Aids to Navigation, and topographic detail for comparison with air photo compilation.

DESCRIPTION OF TERRITORY

The territory covered by this sheet is generally marshy. The seaward of the marsh is bordered by a number of densely wooded islands which have smooth sand beaches approximately 100 meters wide at low tide, and from zero to fifteen meters wide at high tide.

The newly dredged intracoastal waterway extends along the inner edge of this marsh area. A strip of marsh approximately 1.5 miles wide separates this waterway from the firm mainland.

Capers Creek and Dewees Creek extend from the Intracoastal Waterway, entering the ocean at Capers And Dewee's Inlets respectively.

LIMITS OF SHEET

The topography on this sheet includes the high waterline along the sand beaches from the N.E. shore of Dewee's Inlet (Long. 79° 43.5') to a point N.E. of Capers Inlet (Long. 79° 40.6'). It also includes the Intracoastal Waterway from Long. 79° 44.5' N.E. to Long. 79° 42.5'. Numerous patches of additional detail for checks on compilation were also included.



### Control

The following triangulation stations were used for control on sheet CC.

Shell	1924	
Toomer	1857	
U.S.E.D. Whiteside	1934	
" Bullyard	"	
Roberts 3	1924	"
Capers	1857	
Inlet	1934	

### SUVEYING METHODS USED

The H.W.L. along the sand beaches on this sheet was located by means of a steel tape and planetable traverse. On Capers Island the traverse was started from station SHE, which was built and located by two cuts from triangulation stations, and a third check cut from a set-up determined by a good resection. The traverse was run around the front beach to sta. MIN. The position of this station was located by traversing to it on sheet DD. Position of MIN was transferred to this sheet. The position ascertained on this sheet by traversing to station MIN checked within two meters with the position that was ascertained in the same manner on sheet DD. The H.W.L. was located by off-set measurements from the traverse line at intervals of 100 meters.

On Dewee's Island, front beach, a steel tape and planetable traverse was run from triangulation, <sup>sta.</sup> Roberts 3 to triangulation <sup>sta.</sup> INLET. This traverse tied in with a 2 m. error in distance and 1 m for azimuth. The error in distance came in getting the distance across the creek opposite station INLET and in taping across sand duned from T.P. 5 to station INLET. The H.W.L. was located by off-set measurements from traverse line at intervals of 100 meters.

Hydrographic signals along the front beaches were located at the T.P.'s of the traverse.

All hydrographic control and aids to navigation on the interior were located by cuts taken from triangulation stations and setups determined by ranges and resections.

#### PERMANENT STATIONS ESTABLISHED

The following U.S.E.D. reference marks were located on sheet CC.

U.S.E.D.	607 + 13.30 S	"A" & "B"
"	642 + 39.53 S	"B"
"	672 + 08.40 S	"B"
"	768 + 33.96 S	"B"
"	793 + 11.28 S	"B"

A description of these reference marks on form 524 accompanies this sheet. These stations have been designated by the letter "D" on the sheet. For a further discussion of these reference marks see the descriptive report on sheet PP.

#### AIDS TO NAVIGATION

Aids to Navigation on this sheet consisted of lighted and unlighted Beacons along the Intracoastal Waterway. They were located by graphic triangulation on the control sheet. A list of Beacons, including a brief description, and the geographic position of each, on form 567, accompanies the sheet.

For a further discussion of Aids to Navigation along the Intracoastal Waterway, see the descriptive report on sheet PP.

#### LANDMARKS AND NAMES

No landmarks fell within the area covered by this sheet.

All names on present charts pertaining to the area covered by this sheet were found to be correct. No new names should be added.

#### TOPOGRAPHIC FEATURES LOCATED FOR COMPARISON WITH AIR PHOTO COMPILATION

All of the H.W.L. along the ocean beaches and patches of shoreline along the waterway were located for comparison with the air photo compilation. Rod readings or measurements to shoreline have been shown by dots in breaks in the shoreline in all cases.

It is noted that the shoreline along the front beaches is being eroded by wind and wave action.

Eight miles of shoreline were rodged in.

Respectfully submitted,

*A. M. Rogers Jr.*  
A. M. Rogers, Jr.

Forwarded by,

*Benjamin H. Higgs*  
Lt. Benjamin H. Higgs  
Chief of Party.



REVIEW OF GRAPHIC CONTROL SURVEY T- 62909, SCALE 1/10,000Date of Review *Aug 8, 1935*

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T- *5394* , , 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. ✓
- (d) Discrepancies found in descriptions submitted on Form 524 when compared with the air photo compilations listed above. ✓

2. Refer to the reviews and descriptive reports of air photo compilations Nos. T- *5394* , , for a more complete discussion of any errors or discrepancies found. *none*

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.

Notes and corrections resulting from the review are shown on this survey in green.

*Lernard A. Mulsanne*  
*August 8, 1935.*



6290b

U.S. COAST & GEODETIC SURVEY  
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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 }  
Hydrographic } Sheet No. DD

State South Carolina

LOCALITY

Price Inlet, ~~Inland Route,~~  
~~Capers and Ball Island~~  
Santee Bay to Santee Pass

1935

CHIEF OF PARTY  
*[Signature]*

U.S. GOVERNMENT PRINTING OFFICE: 1934

6290b

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

LIBRARY AND ARCHIVES

MAY 21 1935

REG. NO.

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. DD

REGISTER NO. **T6290 b**

State South Carolina

General locality Price Inlet and Island Route

Locality **Sewee Bay to Santee Pass**  
~~Capers and Bull Island~~

Scale 1:10,000 Date of survey January, 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, 19 33

Remarks Geographic Names had been inked on sheets before it

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 NAMES.
10. TOPOGRAPHIC FEATURES LOCATED FOR COMPARISON WITH AIR  
PHOTO COMPILATION.

DESCRIPTIVE REPORT TO ACCOMPANY  
ALUMINUM MOUNTED CONTROL SHEET DD

INSTRUCTIONS

The 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 establish hydrographic control for a survey of Prices Inlet and creeks leading away from this inlet. The purpose was also to locate all permanently marked U.S.E.D. stations, Aids to Navigation, and topographic detail for comparison with 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 number of densely wooded islands which have smooth sand beaches approximately 100 meters wide at low tide and from zero to twenty meters wide at high tide.

The newly dredged Intracoastal Waterway extends along the inner edge of this marsh area. A strip of marsh approximately one mile wide separates this Waterway from the firm mainland.

Prices Creek extends from the Intracoastal Waterway to the Ocean, emerging at Prices Inlet.

LIMITS OF SHEET

The topography on this sheet includes the H.W.L. along the sand beaches of Capers Island and Bull Island between longitude 79° 37.3' and 79° 40.3'. It also includes the Intracoastal Waterway from Long. 79° 39.6' to long. 79° 42.0', and numerous patches of additional detail for checking the compilation.

CONTROL

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

U.S.E.D. Whiteside	1934 ✓	
" Clanson	"	Clauson
Francis	1924 ✓	1934?
Price	1921 ✓	
Huyler	1934 ✓	
Wharf	" ✓	
Sanpa	" ✓	

#### SURVEYING METHODS USED

The H.W.L. along the sand beaches on this sheet was located by means of steel tape and planetable traverses. On Bull Island, the traverse was started from triangulation station PRICE and run around the sand beach and tied in to topographic station TALL. Station TALL was located by cuts from triangulation PRICE and WHARF. The traverse position of this station checked within one meter of the location as ascertained by the cuts. H.W.L. was located by offset measurements taken from the traverse line at intervals of 100 meters.

On Capers Island the traverse was started at topographic station ON. The position of this station was ascertained by cuts from triangulation stations HUYLER and PRICE and check sights taken to other topographic stations in that vicinity. The traverse was run around the sand beach to topographic station MIN. The traverse position of this station was checked with the traverse position ascertained on sheet CC for this same station and found to check within two meters. H.W.L. was located by off-set measurements taken from traverse line at intervals of 100 meters. Hydrographic signals along the front beaches were located at T.P.'s of the traverses.

All hydrographic signals and Aids to Navigation on the interior were located by cuts taken from triangulation stations and set-ups determined by ranges and re-sections.

#### PERMANENT STATIONS ESTABLISHED

The following U.S.E.D. stations were located on sheet DD:

U.S.E.D.	395+01.16	S - A & B
"	412+33.28	S - A & B
"	432+18.33	S - A & B
"	441+71.33	S - A & B
"	469+27.50	S - A & B
"	517+76.63	S - A & B
"	564+73.17	S - A & B

A description of these Reference Marks on form 524 accompanies this sheet. These stations have been designated by the letter "D" on the sheet. For a further discussion of U.S.E.D. Reference Marks, see Descriptive Report on sheet PP.

#### AIDS TO NAVIGATION

Aids to Navigation on sheet DD consist of lighted and unlighted beacons along the New Intracoastal Waterway. A list of these beacons, together with brief descriptions and geographic positions on form 567 accompanies the sheet.

For a further discussion of Aids to Navigation see the Descriptive Report accompanying sheet PP.

#### LANDMARKS AND NAMES

No landmarks fell within the area covered by this sheet.

All names on present charts pertaining to the area covered by this sheet were found to be correct. No new names should be added.

#### TOPOGRAPHIC FEATURES LOCATED FOR COMPARISON WITH THE AIR PHOTO COMPILATION

All H.W.L. along the ocean beaches and patches of shoreline along the waterway and creeks on the interior were located for comparison with the air photo 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 rod readings on the topographic sheet.

It is noted that the shoreline along the beaches is being eroded by wind and wave action. Thirteen and two tenths miles of shoreline were

located.

Respectfully submitted,

A. M. Rogers, Jr.

*A. M. Rogers Jr.*

Forwarded by,

*Benjamin W. Biggs*  
Lt. Benjamin W. Biggs

Chief of Party.



REVIEW OF GRAPHIC CONTROL SURVEY T-6290<sup>b</sup>, SCALE 1:10,000

Date of Review

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5393 <sup>5394</sup>, 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. *None on T-5393*
- ✓(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-5393 <sup>5394</sup>, 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.

Notes and corrections resulting from the review are shown on this survey in green.

*T-5393 covers only a small portion in the N.W. corner of T-6290<sup>b</sup>.*

*T. Goshen  
July 23<sup>rd</sup>, 1935  
L.A. Nielsen  
August 8, 1935.*