

4609

Form 504 Ed. June, 1923	
DEPARTMENT OF COMMERCE	
U. S. COAST AND GEODETIC SURVEY	
R. S. Patton <small>Director</small>	
State: <u>South Carolina</u>	
U. S. COAST & GEODETIC SURVEY LIBRARY AND ARCHIVES JUL 17 1931 Acc. No. _____	
DESCRIPTIVE REPORT	
Topographic <del>Hydrographic</del>	Sheet No. B 4609
LOCALITY	
South Carolina	
Port Royal Sound	
<del>Hilton Head - Colleton Neck</del>	
South Shore of Port Royal Sound	
1931	
CHIEF OF PARTY	
C. A. Egner	

DESCRIPTIVE REPORT

TO ACCOMPANY TOPOGRAPHIC SHEET

(FIELD) N<sup>o</sup>. "B"

HILTON HEAD ID. TO COLLETON NECK

INSTRUCTIONS:

This survey was accomplished under General Instructions for Project No. 73, dated January 13, 1931.

METHOD: The usual plane table method of survey was used on this sheet, viz., Three point fixes and traversing. No trouble was experienced in keeping within the required limits for traverses. All traverses were adjusted in accordance with instructions contained in Special Publication No. 144. The control used on this sheet consisted of second and third order triangulation.

EXTENT:

This sheet comprises a resurvey of the shore line from the North East point of Hilton Head Island to a point on Colleton Neck opposite the East end of Daw Island, including the detail around all triangulation stations on the North side of Port Royal Sound that fall within the limits of the sheet. This sheet is joined on the South by Topographic Sheet "A".

DESCRIPTION:

The shore line on Colleton Neck near triangulation station OYSTER 2 consists of marsh, lined with shell banks,. The high water line does not come within the limits of this sheet.

The North West point of Pinckney Island, South East shore of Mackay Creek, is heavily wooded. The trees extend for about one-half mile along the shore line, merging into sand then into marsh to the H.W. line of Skull Creek.

Beginning at the North entrance of Skull Creek and extending for a distance of about one-half mile, the shore line consists of a vertical wall of sand about 5 feet in height. From the edge of this wall for quite a ways inland, the area is heavily wooded. The wall ends at a small creek. A sand spit makes out from opposite side of the creek, which is sparsely covered with grass and trees. This stretch of sand beach extends to within 50 meters of Triangulation Station ROCKS 2. Beginning at this point, and extending for about one mile, is a vertical wall of soft sand stone. This wall erodes quite readily. It is dark in color and a number of boulders lie along the beach. The area in back of the wall is heavily wooded. The wall merges into a low sand beach sparsely covered with grass. A narrow fringe of marsh lies along the shore line for a distance of about one mile.

A creek about 20 meters wide at low water makes back into the island about one-quarter mile N.W. of Triangulation Station WAL 2, up which it is possible to take a skiff at low water. A sand spit extends from the creek almost to WAL 2. From thence a sand bank rises about 5 feet in height and extending for a distance of one-half mile. From this point to the edge of the sheet, the shore line consists of a low sandy beach, back of which are sand dunes of varying heights.

Hilton Head Island is cultivated in spots, but for the most part, it consists of salt marshes and pasture land for cattle.

COMPARISON WITH  
PREVIOUS SURVEYS:

The shore line has probably receded in places, due to erosion. The only discrepancy noted is that "Pope Gall" does not appear to exist any longer.

STATISTICS:

Shore line	11.7 statute miles
Creeks	7.0 " "
Area	12.0 square statute miles

LANDMARKS:


All prominent landmarks are described on Form 567, Landmarks for Charts.

Respectfully submitted,

A handwritten signature in cursive script, reading "George R. Shelton".

George R. Shelton

Approved and forwarded;

A handwritten signature in cursive script, reading "C. A. Egner".

C. A. Egner,  
Chief of Party.

P L A N E - T A B L E P O S I T I O N S

Object and description	Latitude	D.M.	Longitude	D.P.	Remarks
Cross	32° 17'	(1768.0) 80.0	80° 45'	(259) 1311	Not recover able.
BLAK	32 16	( 630 ) 1218	80 45	(309) 861	"
OH	32 16	(775) 1073.1	80 45	(620) 950	"
TREE	32 16	( 882 ) 966	80 45	(1122) 448	Lone dead tree
DIA	32 16	(1300) 548	80 45	(1410) 160	Not recover able
RED	32 16	(1833) 12	80 44	( 369 ) 1201	"
OT	32 15	( )	80 44		On Sheet "A"
Ice					"
Pal					"
HAD	32 15	(1772) 76 v	80 44	(1278) 292	Not recover able
SAT	32 16	(1812) 36	80 43	( 135 ) 1435	"
TRI	32 16	(1452) 396	80 43	(645 ) 925	"
LAY	32 16	(1746) 102	80 43	(1204) 366	"
PIN	32 15	( 150 ) 1698	80 42	( 31 ) 1539	"
BLUF	32 15	(842) 1006	80 42	(654) 916	"

Plane-Table Positions continued.

Object - description	Latitude	D.M.	Longitude	D.P.	Remarks
WHIT	32° 15'	(1306) 543	80° 42'	(1148) 422	Not recoverable
BAN	32 15	(1818) 30	80 41	( 170) 1400	"
DO	32 14	( 619) 1229	80 41	(1175) 396	"
SPIT	32 14	(1152) 696	80 40	( 190) 1381	"
GUN (W.W. on abandoned concrete gun emplacement)	32 13	( 28) 1820	80 40	( 740) 831	
BAT	32 13	( 393) 1455	80 40	( 931) 640	"
FLAG	32 13	( 996) 852	80 40	(1249) 322	"
GAB (S.E. gable frame house)	32 15	(1060) 788	80 38	(741 ) 830	
HEL (Tower)	32 15	(1080) 768	80 38	(1008) 563	"

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

REG. NO. 4609

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. B

REGISTER NO. **4609**

State South Carolina

General locality Port Royal Sound

Locality South Shore <sup>of</sup> Port Royal Sound

Scale 1:10000 Date of survey March, 19 31

Vessel M.V. NATOMA

Chief of Party C.A. Egnor

Surveyed by George R. Shelton

Inked by George R. Shelton

Heights in feet above \_\_\_\_\_ to ground to tops of trees

Contour, Approximate contour, Form line interval \_\_\_\_\_ feet

Instructions dated Jan. 13, 1931, 19 \_\_\_\_\_

Remarks: \_\_\_\_\_