

6096a

U. S. COAST & GEODETIC SURVEY  
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SEP 18 1934

Acc. No.

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

## DESCRIPTIVE REPORT

Topographic

~~Topographic~~

Sheet No. **M** 6096

State South Carolina

### LOCALITY

St. Helena Sound

Combahee River

1934

CHIEF OF PARTY

R. P. Eymann

U. S. GOVERNMENT PRINTING OFFICE: 1934

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY  
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SEP 18 1934

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

TOPOGRAPHIC TITLE SHEET

REG. NO. 60966

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. \_\_\_\_\_ M \_\_\_\_\_

REGISTER NO. 60966

State \_\_\_\_\_ South Carolina \_\_\_\_\_

General locality \_\_\_\_\_ St. Helena Sound \_\_\_\_\_

Locality \_\_\_\_\_ S Combahee River \_\_\_\_\_

Scale \_\_\_\_\_ 1:10,000 \_\_\_\_\_ Date of survey \_\_\_\_\_ June \_\_\_\_\_, 1923

Vessel \_\_\_\_\_ M.V. Natoma \_\_\_\_\_

Chief of Party \_\_\_\_\_ Raymond P. Eyman \_\_\_\_\_

Surveyed by \_\_\_\_\_ J. H. Tiller Jr. \_\_\_\_\_

Inked by \_\_\_\_\_ R. Pinckney \_\_\_\_\_

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

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

Instructions dated \_\_\_\_\_ November 2 \_\_\_\_\_, 1923

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



DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET NO.M

SOUTH WIMBEE CREEK, SOUTH CAROLINA.

\* \* \* \* \*

INSTRUCTIONS:

In structions for project H.T. 159 November 2, 1933 were followed throughout.

PURPOSE OF TOPOGRAPHY:

The topography of this area was to furnish control for the hydrography and aerial photographs. Only small areas around points that could be spotted on the photographs are shown in detail.

METHODS:

The usual plane-table methods of surveying were used. All topographic <sup>Signals</sup> A were located by cuts from triangulation stations, located intersection stations, rod readings and traverse.

EXTENT:

This sheet comprises a survey of the area of the upper section of South Wimbee Creek and Schooner Channel. This sheet is a survey of area between latitudes 32 - 32.8 and 32 - 36.1 Longitudes 80 - 36.7 80 - 41.7 .

DESCRIPTION:

The area surveyed on this sheet is composed mainly of marsh with intermittent sections of timber and cultivated lands. The high water line in this area is rather distinct. In the wooded sections its up to the tree line while in the marsh sections it is delineated by the marsh grass that has grown over the mudflats.

AERIAL PHOTOGRAPHS:

Aerial photographs were used in connection with the topography. No attempt was made to delineate the shore line except at points that could be definitely spotted on the photographs. These small areas were shown in detail to assist the compilation party in compiling the data for the shore line on the finished charts.

CONTROL:

The control for this sheet consist of second, third and fourth order triangulation established by this party in 1934 under project H.T. 159, November 2, 1933.

NAMES:

No new names appear on this sheet.

MAGNETIC DECLINATIONS:

Magnetic meridians were determined at triangulation station Rainey 1934, and Long Eccentric 1934. The declination taken at station Long Eccentric appears to be erroneous. This has been checked and the error is reckoned to be caused by the nearness to the railroad track.

ALUMINUM BACKED SHEETS:

An Aluminum backed sheet was used and found to be very satisfactory in every respect.

LANDMARKS:

There were no landmarks of sufficient prominence for charting.

STATISTICS:

Area in square miles                      4.0

Respectfully submitted

*James H. Tiller Jr.*  
James H. Tiller Jr.,  
Observer.

Approved and forwarded:

*Jack C. Sammons*  
Jack C. Sammons,  
Chief of party  
Commanding M.V. NATOMA.



## TOPOGRAPHIC SIGNALS - SHEET " M "

Page 1.

TT	Latitude			Longitude		
	°	'	meters	°	'	meters
AX	32	34	552 ✓ (1296)	80	38	620 ✓ (945)
BALL	32	34	726 ✓ (1122)	80	38	1105 ✓ (460)
<del>COLA</del>	<del>32</del>	<del>33</del>	<del>157</del> (1691)	<del>80</del>	<del>37</del>	<del>1852</del> (315)
HAM	32	33	857 ✓ (991)	80	38	38 ✓ (1527)
MAL	32	33	1143 ✓ (705)	80	38	784 ✓ (781)
MIT	32	34	736 ✓ (1112)	80	38	64 ✓ (1501)
MUD	32	33	1803 ✓ (45)	80	38	47 ✓ (1518)
SAP	32	34	159 ✓ (1689)	80	39	825 ✓ (740)
TIN	32	34	442 ✓ (1406)	80	38	1527 ✓ (38)
TUG	32	33	642 ✓ (1206)	80	38	310 ✓ (1255)

*This is not a signal.*

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U. S. COAST AND GEODETIC SURVEY  
R. S. PATTON, DIRECTOR

## DESCRIPTIVE REPORT

Topographic Sheet No. **N 6096b**  
~~XXXXXXXXXX~~

State ..... **South Carolina**

### LOCALITY

**St. Helena Sound**

**Combahee River**

**1934**

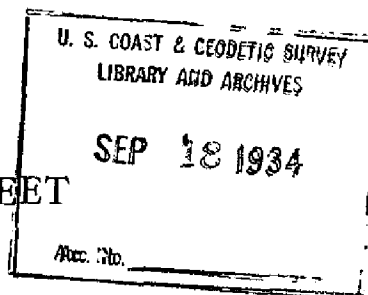
### CHIEF OF PARTY

**R. P. Eymann**

U. S. GOVERNMENT PRINTING OFFICE: 1934

6096b

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY



REG. NO. 6096h

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. N

REGISTER NO. 6096h

State South Carolina

General locality St. Helena Sound ✓

Locality Combahee River ✓

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

Vessel M.V. Natoma

Chief of Party Raymond P. Eymann

Surveyed by Spalding

Inked by R. Pinckney

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

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

Instructions dated November 2, 1933

Remarks:.....

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET NO. N

COMBAHEE RIVER, SOUTH CAROLINA

\* \* \* \* \*

INSTRUCTIONS:

Instructions for Project H.T. 159 November 2, 1933, were followed throughout.

PURPOSE OF TOPOGRAPHY:

The topography of this area was to furnish the control for the hydrography and aerial photographs.

METHODS:

The usual plane-table methods of survey were used. All topographic signals were located by cuts from triangulation stations, located intersection stations, rod readings and traverse.

EXTENT:

This sheet comprises a survey of the area between the Seaboard Railway Bridge and the Highway Bridge on the Combahee River. This sheet is a survey of the area between Latitudes 32 - 35.6 and 32-39.7 Longitude 80 - 37.9 and 80 - 41.6 .

DESCRIPTION:

This sheet comprises an area which is almost entirely marsh. High fresh water marsh has grown over the mud flats and this high marsh delineates the high water line. The area is almost entirely used as hunting preserves.

AERIAL PHOTOGRAPHS:

Aerial photographs were used in connection with the topography. No attempt was made to delineate the shore line except at setups that could be definitely located on the photographs.

CONTROL:

The control for this sheet comprises second, third and fourth order triangulation established by this party in 1934 under Project H.T. 159 November 2, 1933.



NAMES:

No new names appear on this sheet.

MAGNETIC DECLINATIONS:

Magnetic meridians were not taken on this sheet.

ALUMINUM BACKED SHEETS:

An Aluminum backed sheet was used and found to be very satisfactory in every respect.

LANDMARKS:

Landmarks for charting appear on form 567 which accompanies this report.

STATISTICS:

Area in square miles            9.0

Respectfully submitted

*James H. Tiller Jr.*  
James H. Tiller Jr.,  
Observer.

Approved and forwarded;

*Jack C. Sammons*  
Jack C. Sammons,  
Chief of party,  
Commanding M.V. NATOMA.

## TOPOGRAPHIC SIGNALS - SHEET "N"

Page 1.

	Latitude			Longitude		
	°	'	meters	°	'	meters
AL	32	38	1609 ✓ (239)	80	40	1306 ✓ (258)
BANG	32	35	(737) ✓	80	38	974 ✓ (591)
BAT	32	38	1760 ✓ (88)	80	40	1502 ✓ (62)
BING	32	35	(541) ✓	80	38	1021 ✓ (544)
BO	32	37	410 ✓ (1438)	80	39	767 ✓ (797)
BOX	32	38	1019 ✓ (829)	80	40	715 ✓ (849)
CAT	32	38	342 ✓ (1506)	80	39	846 ✓ (718)
COM	32	37	750 ✓ (1098)	80	39	343 ✓ (1221)
DEAD	32	37	1675 ✓ (173)	80	40	859 ✓ (705)
DO	32	37	927 ✓ (921)	80	40	679 ✓ (885)
DOG	32	38	121 ✓ (1727)	80	39	808 ✓ (756)
FEN	32	38	1139 ✓ (709)	80	40	1005 ✓ (559)
FILL	32	36	247 ✓ (1601)	80	39	98 ✓ (1467)
FLIM	32	38	182 ✓ (1666)	80	40	93 ✓ (1491)
FLY	32	37	1064 ✓ (784) ±	80	39	449 ✓ (1115)
FUL	32	36	584 ✓ (1264)	80	39	521 ✓ (1044)
GATE	32	39	294 ✓ (---)	80	40	1449 ✓ (114)
GRASS	32	35	0 ✓ (527)	80	38	1328 ✓ (237)
HAT	32	38	1235 ✓ (613)	80	40	627 ✓ (937)
HE	32	37	22 ✓ (1826)	80	39	855 ✓ (709)
HOT	32	38	1044 ✓ (804)	80	39	857 ✓ (707)
KIL	32	38	1114 ✓ (734)	80	40	461 ✓ (1103)
KIM	32	37	1237 ✓ (611)	80	39	831 ✓ (733)
LAS	32	37	1098 ✓ (750)	80	40	912 ✓ (652)
LET	32	37	1324 ✓ (524)	80	39	1093 ✓ (471)

Changed from 'FIN' to agree with  
Hydro. Sheet. E.R.C.

## TOPOGRAPHIC SIGNALS - SHEET "N"

Page 2.

	Latitude			Longitude			
	o	'	meters	o	'	meters	
LUG	32	38	1255 (593)	80	40	1185 (379)	
MAN	32	37	1781 (67)	80	40	827 (737)	
MAR	32	36	1015 (833)	80	39	597 (968)	
MAX	32	38	149 (1699)	80	40	447 (1117)	Changed from "MAY" to agree with Hydro Sheet. E.R.C.
NEW	32	37	1217 (631)	80	39	383 (1181)	
NO	32	37	633 (1215)	80	40	596 (968)	
PAR	32	37	844 (1004)	80	39	1347 (217)	
PETE	32	38	1372 (476)	80	39	1168 (396)	
PIG	32	37	1796 (52)	80	40	646 (918)	
PIL	32	38	1399 (449)	80	40	1441 (123)	
PIN	32	35	 (796)	80	38	641 (924)	
PIPE	32	35	 (611)	80	38	206 (1359)	
RAM	32	38	763 (1085)	80	39	882 (682)	
RAZ	32	37	1823 (25)	80	39	1347 (217)	
ROT	32	35	 (161)	80	39	105 (1460)	
SAM	32	37	1502 (346)	80	40	785 (779)	
TAR	32	35	 (244)	80	38	1386 (179)	
TOM	32	37	606 (1242)	80	40	234 (1330)	
TREE	32	38	1017 (831)	80	40	1126 (438)	
UNO	32	36	1605 (243)	80	39	1042 (523)	
WIL	32	37	901 (947)	80	40	842 &(722)	
ZOO	32	36	1347 (501)	80	39	1184 (381)	
BAN	32	38	1489 (359)	80	40	29 (1534)	



DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

## LANDMARKS FOR CHARTS

Coinjock, N.C.

Sept. 5 \_\_\_\_\_, 1934

The following determined objects are prominent, can be readily distinguished from seaward from the description given below, and should be charted:

Jack C. Simmons

*Chief of Party.*

[illegible]

The description of each object should be short, but such as will clearly identify it; for example, a standpipe, elevated tank, gas tank, church spire, tall stack, red chimney, radio mast, etc. Assign numerals to landmarks to indicate: (1) Offshore, (2) inshore, (3) harbor, 1, 2, 3 would be a mark useful on all charts. Generally, flagstaves and like objects are not sufficiently permanent to chart.