

6094a

U. S. COAST & GEODETIC SURVEY  
LIBRARY AND ARCHIVES  
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 Sheet No. **G 6094a**  
~~XXXXXXXXXX~~

State South Carolina

LOCALITY

St. Helena Sound

Coosaw River

1934

CHIEF OF PARTY

R. P. Eymah

6094a

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY  
LIBRARY AND ARCHIVES

TOPOGRAPHIC TITLE SHEET SEP 18 1934

Att. Co.

REG. NO. 60942

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. G

REGISTER NO. 60942

State South Carolina

General locality St. Helena Sound

Locality Coosaw River

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

Vessel M.V. Natoma

Chief of party Raymond P. Eyma

Surveyed by John C. Bull

Inked by G.H. Everett

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. G

COOSAW 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 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 signals were located by cuts from triangulation stations located intersection stations, rod readings and traverse.

EXTENT:

This sheet comprises a survey of Coosaw River and Lucy Point Creek. This sheet is a survey of the area between Latitudes 32 - 27.6 and 32 - 31.8 longitudes 80 - 34.8 and 80 - 38.6 .

DESCRIPTION:

The north and south bank of the Coosaw River in this area is delineated by the edge of the marsh grass that has grown over the mud flats that extend from the mainland to what forms the banks of the river. The high water line on the north bank is from 1 mile to 1.5 miles north of the edge of the grass. On the south bank of the river the high water line is approximately .3 miles south of the edge of the grass. From a point approximately .5 miles northwest of Sams Point to the east edge of the sheet, the south bank of the river is delineated by a strip of sand beach.

Lucy point Creek is the small creek that leads south at Sams Point. This creek joins Coosaw and Morgan Rivers. The east bank of the creek is delineated by marsh grass that extends from the mainland to the bank of the creek. On the west bank the northern end, north central portion and the south end is delineated by sand beach and bluffs. Intermediate sections are delineated by marsh grass that extends from the mainland. No definite high water line is shown except on the shell banks and the edge of the mainland where rodded. Plane table triangulation was done in Lucy Point Creek starting from signal The and Ten. The triangulation ended on signal YAM that was located on Sheet E by intersection. This point was accepted as correct and the plane table triangulation adjusted to it.

AERIAL PHOTOGRAPHS:

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

CONTROL:

The control for this sheet consist of second, third and fourth order triangulation established by this party in 1933 under Project H.T. 126, December 23, 1932.

NAMES:

No new names appear on this sheet.

MAGNETIC DECLINATIONS:

Magnetic meridians were determined at triangulation stations Sams 1933 and Ainslee 1933.

LANDMARKS:

Landmarks for charts found on this sheet appear on form 567 that accompanies this report.

STATISTICS:

Area in square statute miles      6.0

Respectfully submitted,

*John C. Bull*  
John C. Bull,  
Aid.

Approved and Forwarded:

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



	Latitude			Longitude		
	o	'	meters	o	'	meters
BEK	32	29	516 (1332)	80	35	1150 (417)
BIRD	32	29	104 (1744)	80	36	33 (1534)
BY	32	28	1346 (502)	80	37	138 (1429)
CHIM	32	31	1351 (---)	80	38	426 (---)
FISH	32	30	515 (1335)	80	35	796 (770)
HAT	32	28	336 (1512)	80	36	641 (926)
LAW	32	30	326 (1522)	80	37	684 (882)
MY	32	28	656 (1192)	80	36	716 (851)
NER	32	29	36 (1812)	80	35	258 (1309)
NIG	32	30	50 (1798)	80	36	1135 (431)
ON	32	28	1059 (789)	80	36	448 (1119)
ONE	32	28	520 (1328)	80	36	1227 (340)
PILE	32	28	1438 (410)	80	36	1210 (357)
PIT	32	30	312 (1536)	80	37	1144 (422)
PYR	32	30	1709 (139)	80	36	915 (652)
SANG	32	27	 (354)	80	36	1137 (430)
SAT	32	28	1442 (406)	80	36	320 (1247)
SIX	32	29	29 (1819)	80	35	1495 (72)
SONG	32	28	825 (1023)	80	37	176 (1391)
TEN	32	29	222 (1626)	80	35	1282 (285)
THE	32	29	398 (1450)	80	35	1499 (68)
TIP	32	31	41 (---)	80	37	621 (945)
TWO	32	28	1593 (255)	80	35	1536 (31)
WAL	32	30	1729 (119)	80	38	189 (---)
YAN YAN	32	27	 (601)	80	36	451 (1116)

6094b

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R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic Sheet No. H 6094b  
~~Topographic~~

State South Carolina

LOCALITY

St. Helena Sound

Coosaw River

1934

CHIEF OF PARTY

R. P. Eymen

6094b

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

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REG. NO. 6094h

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. H

REGISTER NO. 6094h

State South Carolina

General locality St. Helena Sound

Locality Coosaw River

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

Vessel M.V. Natoma

Chief of party Raymond P. Eyma

Surveyed by John C. Bull

Inked by G. H. Everett

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. H

COOSAW RIVER, SOUTH CAROLINA

\* \* \* \* \*

INSTRUCTIONS:

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

PURPOSE OF SURVEY:

The topography on 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.

METHOD:

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 Coosaw River, parrot Creek, and Bull River. This sheet is a survey of the area between Latitudes 32 - 27.6 and 32 - 31.9 Longitudes 80 - 31.5 and 80 - 35.2 .

DESCRIPTION:

With the exception of a section of about one mile on the South bank of Coosaw River, on the west edge of the sheet the Coosaw River, Bull River and Parrot Creek high water line is delineated by the edge of the Marsh grass that has grown over the mud flats that extend from the mainland to what forms the bank of the rivers and creeks. No definite highwater line is shown except on the shell bank and edge of the mainland where rodded. parrot Creek joins Coosaw and Morgan Rivers and forms the western boundary of Morgan Island.

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 shore line for the finished charts.

CONTROL:

The control for this sheet consists of second, third, and fourth order triangulation established by this party in 1933 under Project H.T. 126, December 23, 1932.

NAMES:

No new names appear on this sheet.

MAGNETIC DECLINATION:

Magnetic meridians were determined at triangulation stations parrot - 2, Hangman - 3, Horse, and Saw, all of which were established in 1933.

The topographer had considerable difficulty when determining magnetic meridians. The declinations shown on the sheets were checked in the field. Special care was taken to eliminate all magnetic articles that would affect the declinator. Two different declinators were used in order to try to determine some cause of error. Only fair checks were obtained in each instance.

LANDMARKS:

There are no landmarks of sufficient prominence for charting on this sheet.

STATISTICS:

Area in square miles            6.0.

Respectfully submitted,

*John C. Bull*  
John C. Bull  
Aid.

Approved and forwarded:

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

	Latitude			Longitude			T
	o	'	meters	o	'	meters	
BRE	32	30	1430 (418)	80	31	(718)	
BO	32	29	407 (1441)	80	31	(130)	
BOW	32	31	465 (---)	80	32	4 (1562)	
CAB	32	30	1539 (309)	80	33	1010 (556)	
CAT	32	28	1313 (535)	80	32	1316 (251)	
CRAB	32	29	668 (1180)	80	32	612 (954)	
DO	32	29	655 (1193)	80	32	1551 (15)	
DOT	32	31	246 (---)	80	34	253 (1313)	
ELLA	32	30	264 (1584)	80	34	255 (1311)	
EMMA	32	30	1144 (704)	80	34	71 (1495)	
EN	32	31	997 (---)	80	34	430 (1136)	
FAT	32	30	197 (1651)	80	34	970 (596)	
GOL	32	29	1799 (49)	80	32	16 (1550)	
HOT	32	29	738 (1110)	80	33	908 (658)	
JAY	32	30	585 (1263)	80	33	1338 (228)	
JIG	32	29	94 (1754)	80	34	1118 (448)	
OUT	32	31	498 (---)	80	33	1122 (444)	
PAL	32	28	1187 (661)	80	33	245 (1322)	
PIG	32	28	601 (1247)	80	32	1364 (203)	
POY	32	30	352 (1496)	80	33	928 (638)	
RAT	32	29	110 (1738)	80	33	483 (1083)	
RIP	32	28	238 (1609)	80	32	888 (679)	
SAL	32	31	707 (---)	80	34	179 (1387)	
SEE	32	30	1236 (612)	80	32	1380 (186)	
SET	32	31	765 (---)	80	33	1245 (321)	

	Latitude			Longitude		
	o	'	meters	o	'	meters
SEV	32	31	1257 (---)	80	34	842 (724)
SPA	32	27	(315)	80	33	663 (904)
SUP	32	27	(387)	80	32	814 (753)
TIN	32	28	194 (1654)	80	33	212 (1355)
TY	32	31	1073 (---)	80	33	1441 (185)
WAT	32	28	1819 (29)	80	33	135 (1432)