6095a

Form 504
Rev. Dec. 1933

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic ~~XXXXXXXXXX~~ *Sheet No.* J 6095a

State South Carolina

LOCALITY

St. Helena Sound

Combahee River

1934

CHIEF OF PARTY

R.P. Eyman

U.S. GOVERNMENT PRINTING OFFICE: 1934

Form 537a
Ed. Nov., 1929

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. J

REGISTER NO. 6095a

State South Carolina

General locality St. Helena Sound

Locality Combahee River

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

Vessel M. V. Natoma

Chief of party Raymond P. Eyman

Surveyed by J.H.Tiller, Jr.

Inked by J. H. Tiller Jr.,

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. J

WILLIMAN CREEK, 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 the lower section of South Wimbee Creek, Williman Creek, and the section of Combahee River below the railroad bridge,of the Seaboard Railway Company, and Fields Point. This sheet is a survey of the area between Latitudes, 32 - 31.3 and 32-35.6 Longitudes 80 - 34.1 and 80 - 38.0

DESCRIPTION:

The area surveyed on this sheet is comprised of marsh, cultivated and timbered lands. The area around Station Chisolm is mostly cultivated, while the larger portion of Williman Island is Timbered. The East bank of the Combahee River is also timbered. The Rest of the area is marsh. The highwater line is not distinct. It is delineated by the marsh grass which has grown out over the mud flats that extend from the mainland to what forms the banks of the river and creeks.

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 spotted on the photographs. These small areas were shown in detail to assist the compilation party in ~~computing and~~ 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 1934 under Project H.T. 159 , November 2,1934.

NAMES:

No new names appear on this sheet.

MAGNETIC DECLINATION:

Magnetic meridians were determined at triangulation stations Chisolm, 1933, Horse 1933 - 34, Tar 1934, and Field 1934.

ALUMINUM BACKED SHEETS:

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

LANDMARKS:

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

STATISTICS:

Area in square miles 11.0

Respectfully submitted,

James H Tiller Jr.

James H. Tiller Jr.,

Observer

Approved and fowarded:

Jack C. Sammons

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

TOPOGRAPHIC SIGNALS - SHEET "J" Page 1.

	Latitude o '	meters	Longitude o '	meters	
BEER	32 35	205 (---)	80 34	--- (328)	
BIL	32 34	1563 (285)	80 37	558 (---)	
COO	32 32	1544 (304)	80 34	--- (490)	
DAN	32 32	612 (1236)	80 34	--- (1018)	
DOS	32 32	1179 (669)	80 36	1201 (365)	
FISH	32 33	41 (1807)	80 37	1118 (---)	
GIN	32 35	396 (---)	80 35	436 (1129)	
GO	32 34	581 (1267)	80 36	240 (1325)	
GUN	32 32	1174 (674)	80 36	510 (1055)	
ID	32 32	764 (1084)	80 34	--- (329)	
IF	32 33	1611 (237)	80 34	--- (178)	
JAB	32 31	--- (103)	80 34	--- (1013)	
KIL	32 32	1812 (36)	80 36	1332 (233)	
KIN	32 33	962 (886)	80 35	497 (1068)	
LIZ	32 33	467 (1381)	80 35	618 (947)	
MISS	32 32	--- (1848)	80 34	--- (1227)	
NAN	32 33	1674 (174)	80 35	939 (626)	
OFF	32 33	378 (1470)	80 37	886 (---)	
PIP	32 34	995 (853)	80 37	1243 (---)	
POM	32 32	204 (1644)	80 35	1204 (362)	
POT	32 33	1730 (118)	80 35	1346 (219)	
QUAT	32 34	728 (1120)	80 37	901 (---)	
RAIL	32 35	826 (---)	80 37	1377 (---)	
RAT	32 33	55 (1793)	80 35	444 (1121)	

	Latitude			Longitude		
	o	'	meters	o	'	meters
ROAD	32	35	942	80	37	1106
			(---)			(---)
ROT	32	34	905	80	37	579
			(943)			(---)
RUM	32	35	853	80	36	915
			(---)			(650)
SAIL	32	33	109	80	34	---
			(1739)			(71)
SAM	32	34	753	80	37	254
			(1095)			(---)
TANG	32	32	1153	80	34	---
			(695)			(115)
TEA	32	32	208	80	35	812
			(1640)			(754)
TIL	32	34	719	80	36	1404
			(1129)			(161)
TORY	32	32	695	80	34	---
			(1153)			(1365)
UNO	32	31	---	80	34	---
			(214)			(660)
UP	32	32	482	80	35	90
			(1366)			(1476)
USE	32	34	927	80	36	784
			(921)			(781)
VAT	32	32	1723	80	35	1089
			(125)			(476)
VIM	32	32	646	80	35	462
			(1202)			(1104)
VINE	32	34	889	80	36	241
			(959)			(1324)
WAT	32	32	490	80	359	859
			(1358)			(707)
WHO	32	32	285	80	34	---
			(1563)			(995)
WIL	32	34	1544	80	36	244
			(304)			(1321)
YAM	32	34	858	80	34	---
			(990)			(580)
YEL	32	32	704	80	35	1015
			(1144)			(551)
YOU	32	32	326	80	34	---
			(1522)			(771)
ZAM	32	34	1599	80	34	---
			(249)			(776)
ZEV	32	32	266	80	34	---
			(1582)			(343)
ZOO	32	32	1175	80	35	1105
			(673)			(460)

6095h

Form 504
Rev. Dec. 1933

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic ~~Hydrographic~~ *Sheet No.* K 6095h

State South Carolina

LOCALITY

St. Helena Sound

Combahee River

1934

CHIEF OF PARTY

R.P. Eyman

U. S. GOVERNMENT PRINTING OFFICE: 1934

Form 537a
Ed. Nov., 1929

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. 6095h

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. K

REGISTER NO. 6095h

State South Carolina

General locality St. Helena Sound

Locality Combahee River

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

Vessel M.V. Natoma

Chief of party Raymond P. Eyman

Surveyed by John C. Bull

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. K

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 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, intersected stations, rod readings and traverse.

EXTENT:

This sheet comprises a survey of the area including Bull River, Combahee River , Old and New Chehaw Rivers. This sheet is a survey of the area between the latitudes, 32 - 31.5 and 32 - 34.4 and Longitudes 80 - 29.8 and 80 - 34.7.

DESCRIPTION:

The area surveyed on this sheet is composed of small section of Bull River; Combahee River from about one mile north of the mouth to Gun Boat Island. Five miles of New Chehaw River,two and one half miles of Old Chehaw River. The whole area to the river banks with the exception of about one mile of mainland at Field's Point is covered by marsh grass that has grown over the mud flats. This being the case the banks of the river are delineated by the edge of the marsh grass that has grown over t the mud flats to what forms the banks of the rivers. In this section no definite highwater line can be established.

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 section consist of second third and fourth order triangulation established by this party in 1933 under project H.T. 126, December 23,1932, and 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 Fiehd 1934.

ALUMINUM BACKED SHEETS:

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

LANDMARKS:

No landmarks of sufficient prominence for charting appear on this sheet.

STATISTICS:

Area in square miles 8.0

Respectfully submitted,

John C. Bull

John C.Bull,
Aid.

Approved and fowarded:

Jack C. Sammons

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

	Latitude o '	meters	Longitude o '	meters
AL	32 31	(466)	80 31	1414 (152)
ALE	32 32	1456 (392)	80 33	374 (1192)
ARK	32 32	1427 (421)	80 33	666 (900)
AT	32 33	1733 (115)	80 33	971 (595)
BAT	32 32	1821 (27)	80 33	1273 (293)
BOY	32 32	1304 (544)	80 33	903 (663)
BOX	32 32	1731 (117)	80 32	1205 (361)
BUG	32 33	1566 (282)	80 33	504 (1061)
CAN	32 32	924 (924)	80 32	61 (1505)
CAT	32 33	188 (1660)	80 33	1241 (324)
COD	32 33	800 (1048)	80 33	1044 (521)
DOT	32 33	198 (1650)	80 34	183 (---)
EVA	32 33	1176 (672)	80 32	451 (1114)
EYE	32 34	382 (---)	80 32	841 (724)
FUN	32 33	1723 (125)	80 32	825 (740)
GAGE	32 34	19 (---)	80 33	36 (1529)
HAM	32 34	518 (---)	80 31	540 (1025)
HER	32 34	756 (---)	80 31	1448 (117)
IKE	32 34	181 (---)	80 31	349 (1216)
IT	32 33	1667 (181)	80 31	627 (938)
JIM	32 31	(54)	80 33	640 (926)
JOE	32 33	776 (1072)	80 31	1128 (438)
JOY	32 33	1033 (815)	80 33	80 (1485)
KID	32 33	1205 (643)	80 31	48 (1517)
LET	32 33	762 (1086)	80 31	299 (1267)

	Latitude			Longitude		
	o	'	meters	o	'	meters
LIN	32	32	109 (1739)	80	32	1454 (112)
MAD	32	32	284 (1564)	80	33	165 (1401)
MAX	32	32	1810 (38)	80	31	453 (1113)
MO	32	33	677 (1171)	80	32	959 (607)
NAT	32	31	(977)	80	31	394 (1172)
NO	32	31	(18)	80	33	414 (1152)
NOT	32	32	1132 (716)	80	31	162 (1404)
ON	32	31	(31)	80	33	155 (1411)
OX	32	32	328 (1520)	80	31	546 (1020)
PAL	32	33	897 (951)	80	34	276 (---)
PAR	32	34	1005 (---)	80	32	969 (596)
RAN	32	31	(23)	80	33	1054 (512)
RED	32	34	113 (---)	80	33	403 (1162)
RIT	32	31	(165)	80	32	784 (782)
SHE	32	33	1584 (264)	80	34	834 (---)
TED	32	32	698 (1150)	80	34	201 (---)
TOM	32	31	(15)	80	33	1464 (102)
ADD	32	33	337 (1511)	80	33	706 (860)