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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 Sheet No. **E 6093a**
~~XXXXXXXXXX~~

State South Carolina

LOCALITY

St. Helena Island

Morgan River

1924

CHIEF OF PARTY

R. P. Egan

U. S. GOVERNMENT PRINTING OFFICE: 1934

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DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY
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SEP 13 1934

TOPOGRAPHIC TITLE SHEET

Acc. No.

REG. NO. 60932

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. E

REGISTER NO. 60932

State South Carolina

General locality St. Helena Island

Locality Morgan River

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

Vessel M.V. Natoma

Chief of party Raymond P. Eyma

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. B

MORGAN 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 Photography. Only the area around small 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 station rod readings and traverse.

EXTENT:

This sheet comprises a survey of Morgan River from Lucy Point Creek to Parrot Creek, and Jenkins Creek. This sheet is a survey of the area between Latitudes 32 - 25.3 32 - 28.6 Longitude 80 - 32.1 80 - 37.1 .

DESCRIPTION:

This area surveyed on this sheet is comprised mostly of marsh lands and small creeks. There is some cultivated land near triangulation stations Hope and Saw. This area for the most part has no distinct highwater mark as it is usually covered by spring high tides. The river and creeks are delineated by the grass which has grown over the mud flats. During the survey of this area very high winds were encountered causing a repetition of cuts to be made from several triangulation stations. The cuts were taken from towers which were from 15 to 30 feet high. This was overcome by starting out several hours earlier in the mornings.

AERIAL PHOTOGRAPHS:

Aerial photographs were used in connection with the topography. No attempt was made to delineate the shore line except at setups which 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 DECLINATION:

Magnetic meridians were determined at triangulation stations Lucy 1933 Love 1933, Saw 1933, Hope 1933 and Gan 1933.

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 statute miles.....11 .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 "E"

Page 1.

	Latitude			Longitude			
	°	'	meters	°	'	meters	
AL	32	26	1442 ✓ (406) ✓	80	33	487 ✓ (1080) ✓	marked and described
BUM	32	26	1319 ✓ (529) ✓	80	33	1103 ✓ (464) ✓	
CITY	32	26	901 ✓ (947) ✓	80	33	198 ✓ (1369) ✓	
DAM	32	26	375 ✓ (1473) ✓	80	34	122 ✓ (1445) ✓	
DING	32	27	282 ✓ (1566) ✓	80	36	1004 ✓ (563) ✓	
DONE	32	26	1309 ✓ (539) ✓	80	35	1234 ✓ (333) ✓	marked and described
END	32	26	106 ✓ (1742) ✓	80	33	520 ✓ (1047) ✓	marked and described
FOOT	32	25	(367) ✓	80	34	312 ✓ (1256) ✓	
FRY	32	27	526 ✓ (1322) ✓	80	33	1401 ✓ (166) ✓	
GET	32	26	1422 ✓ (426) ✓	80	35	886 ✓ (681) ✓	
GIN	32	27	1042 ✓ (806) ✓	80	36	946 ✓ (621) ✓	marked and described
GIVE	32	27	117 ✓ (1731) ✓	80	35	711 ✓ (856) ✓	
GOOD	32	26	1595 ✓ (253) ✓	80	36	681 ✓ (886) ✓	
GUL	32	25	(521) ✓	80	34	572 ✓ (996) ✓	marked and described
JAB	32	26	1081 ✓ (767) ✓	80	36	449 ✓ (1118) ✓	
PIG	32	28	600 ✓	80	32	(202) ✓	
RIP	32	28	240 ✓	80	32	(679) ✓	
SAL	32	27	182 ✓ (1666) ✓	80	34	473 ✓ (1094) ✓	
SET	32	27	598 ✓ (1250) ✓	80	34	1287 ✓ (280) ✓	
SEXT Not	32	27	397 ✓ (1451) ✓	80	35	165 ✓ (1402) ✓	Same as SEXT + Wat.
SPA	32	26	1763 ✓ (85) ✓	80	36	1050 ✓ (517) ✓	
SUP	32	27	1460 ✓ (388) ✓	80	32	(752) ✓	
THE	32	27	38 ✓ (1810) ✓	80	36	86 ✓ (1481) ✓	
THIS	32	26	1257 ✓ (591) ✓	80	36	101 ✓ (1466) ✓	

	Latitude			Longitude			
	°	'	meters	°	'	meters	
TIN	32	28	192 ✓ (---) ✓	80	33	211 ✓ (1356) ✓	
TOT	32	27	1009 ✓ (839) ✓	80	34	72 ✓ (1495) ✓	
UP	32	27	8 ✓ (1840) ✓	80	35	1105 ✓ (462) ✓	
VAN	32	27	688 ✓ (1160) ✓	80	33	753 ✓ (814) (814) ✓	
WAT	32	27	397 ✓ (1451) ✓	80	35	165 ✓ (1402) ✓	
WEE	32	26 28	1622 ✓ (226) ✓	80	35	194 ✓ (1373) ✓	
WILL	32	27	598 ✓ (1250) ✓	80	34	1287 ✓ (280) ✓	
WINE	32	27	616 ✓ (1232) ✓	80	33	107 ✓ (1460) ✓	
YAN	32	27	1248 ✓ (800) ✓	80	36	451 ✓ (1116) ✓	this signal called YAN on sheet "G".
YARD	32	26	1783 ✓ (65) ✓	80	33	1438 ✓ (129) ✓	

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

DESCRIPTIVE REPORT

Topographic } Sheet No. **F 6093b**
~~YEGG6666666666~~

State South Carolina

LOCALITY

St. Helena Island

Morgan River

1934

CHIEF OF PARTY

R. P. Eymann

6093b

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY
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SEP 18 1934
Act. No. _____

REG. NO. 6093b

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. F

REGISTER NO. 6093b

State South Carolina

General locality St. Helena Island

Locality Morgan River ✓

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

Vessel M.V. Natoma

Chief of party Raymond P. Eyma

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. F

MORGAN RIVER, SOUTH CAROLINA

* * * * *

INSTRUCTIONS:

In 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 the area around points that could be spotted on the photographs are shown in detail.

METHOD:

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 Morgan River from Parrot Creek to its mouth, which opens into St. Helena Sound, also Coffin Creek, Village Creek, and Pine Island Creek, which lies between Village Creek and Jenkins Creek. This sheet is a survey of the area between latitudes 32 - 25.3 and 32 - 28.6 longitudes 80 - 27.7 and 80 - 32.7 .

DESCRIPTION:

The area surveyed on this sheet is comprised mostly of timber lands interspersed by marsh and small creeks. Morgan Island on the north side of Morgan River is heavily timbered. The high water line is rather distinctly shown in this area by the tree line in most sections and by the marsh grass in other sections, notably in the vicinity of Village Creek.

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 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:

Pine Island Creek is not named on the chart. It is between Village Creek and Jenkins Creek on the south side of Morgan River.

MAGNETIC DECLINATION:

Magnetic meridians were determined at triangulation stations, Vil 1933 Coffin 1933 and Mor 1933.

ALUMINUM BACKED SHEETS:

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

LANDMARKS:

Landmarks of sufficient prominence for charting are listed on form 567 attached to this report.

STATISTICS:

Area in square statute miles 13.0

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 "F"

Page 1.

	Latitude		Longitude		
	o	'	o	'	
ALL	32	27	80	34	
					161 ✓ (1687) ✓
AT	32	26	80	30	
					1462 ✓ (386) ✓
BAT	32	28	80	29	
					670 ✓ (968) ✓
BIT	32	28	80	30	
					985 ✓ (1334) ✓
BOY	32	26	80	30	
					1161 ✓ (687) ✓
CAT	32	26	80	30	
					343 ✓ (1505) ✓
DOPE	32	26	80	29	
					1411 ✓ (437) ✓
EAT	32	26	80	29	
					1327 ✓ (521) ✓
FUN	32	26	80	28	
					820 ✓ (1028) ✓
GIRL	32	26	80	28	
					900 ✓ (948) ✓
HAM	32	26	80	29	
					820 ✓ (1028) ✓
HAT	32	27	80	32	
					92 ✓ (1756) ✓
ID	32	26	80	29	
					291 ✓ (1557) ✓
IT	32	26	80	32	
666					1433 ✓ (415) ✓
JACK	32	26	80	28	
					607 ✓ (1241) ✓
JOE	32	26	80	31	
					1693 ✓ (155) ✓
KID	32	26	80	32	
					918 ✓ 10 (930) ✓
KILL	32	26	80	29	
					408 ✓ (1440) ✓
LAM	32	26	80	32	
					729 ✓ (1119) ✓
LAS	32	26	80	29	
					20 ✓ (1828) ✓
MAL	32	26	80	32	
					448 ✓ (1400) ✓
MUD	32	25	80	29	
					924 ✓ (396) ✓ (644) ✓
NUN	32	26	80	32	
					228 ✓ (1620) ✓
OAR	32	26	80	31	
					396 ✓ (1452) ✓
OIL	32	25	80	30	
					307 ✓ (599) ✓ (1261) ✓

marked and described

marked and described

marked and described

marked and described

	Latitude		Longitude			
	°	'	°	'		
	meters		meters			
PAN	32	27	1505 (343)	80 29	1048 (519)	
POB	32	28	494 (---)	80 28	970 (597)	marked and described
RIP	32	28	216 (---)	80 32	888 (---)	
ROT	32	27	1844 (4)	80 29	1548 (19)	
ROW	32	28	207 (---)	80 29	572 (995)	
SUP	32	27	1458 (390)	80 32	817 (---)	
TEST	32	27	1131 (717)	80 31	1376 (191)	
UNO	32	27	1202 (648)	80 31	566 (1001)	
WHO	32	27	1040 (808)	80 30	1369 (198)	
YES	32	27	879 (969)	80 30	90 (1477)	
ZOO	32	27	1564 (284)	80 28	1251 (316)	