

U. S. COAST & GEODETIC SURVEY LIBRARY AND ARCHIVES

SEP 18 1934

Acc. Rb.

	orm 50 , Dec. ;		
MEN	T OF	COMMER	?(
4 CT 4 A	ID GEOR	ETIC CHOVEY	

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

DESCRIPTIVE REPORT

Sheet No.A 60913

South Carolina

LOCALITY

St. Helena Island

Trenchard Inlet

1934

CHIEF OF PARTY

U.S. GOVERNMENT PRINTING OFFICE: 1984

60918

DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY LIBRARY AND ARCHIVES

SEP 18 1934

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. A.

REGISTER NO. 60918

State Sout	h Carolina	
General locality	St. Helena Island	
Locality	Trenchard Inlet	
Scale 1: 10,000	Date of survey March ,	1934
Vessel	Natoma	
Chief of party	Raymond P. Eyman	
Surveyed by	John,C. Bull	
Inked by	J. H. Tiller, Jr.	
Heights in feet abov	veto ground to tops of	trees
Contour, Approximate	e contour, Form line intervalf	eet
Instructions dated	November 2,	19.33
Remarks:		

9 2 4

TO ACCOMPANY

TOPOGRAPHIC SHEET NO. "A" STORY RIVER, SOUTH CAROLINA

1934

INSTRUCTIONS:

Instructions for Project HT-159, November 2, 1933 were followed throughout.

PURPOSE OF TOPOGRAPHY:

The topography of this area was to furnish control for hydrography and aerial photography. Only small areas 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, traverse, and rod readings.

EXTENT:

This sheet comprises a survey of the east end of Station Creek, north end of Trenchards Inlet, west end of Story River, and the southwest end of Harbor River. This sheet is a survey of the area between latitude 32° 18.7', 32° 22.0' and longitude 80° 31.6', 80° 36.3'.

DESCRIPTION:

The area surveyed on this sheet is comprised of marsh islands and many small creeks and rivers. Most of the area has no definite highwater line. This being the case the rivers and creeks are delineated by the edge of the marsh grass, which has grown over the mud flats that extend from the mainland to what forms the banks of the rivers and creeks. The Station Creek and Trenchard Inlet area of this sheet was done by Lieut. Rittenburg's party. There are several stations that are given letters instead of names because they were used on Lieut. Rittenburg's hydro sheets and we do not know the hydrographic name.

AERIAL PHOTOGRAPHS:

Aerial photographs were used in connection with the topography. No attempt was made to delineate the shore line except at set-ups 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 HT--126, December 23, 1932.

NAMES:

No new names appear on this sheet.

MAGNETIC DECLINATION:

Magnetic meridians were determined at triangulation stations CREEK 1933, and SIN 1933.

ALUMINUM BACKED SHEETS:

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

LANDMARKS:

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

STATISTICS:

Area in square statute miles - - - - 13.5

Respectfully submitted

John C. Bull

Aid.

Approved and fopwarded;

MOCA & Sammons, Chief of Party,

Commanding Ship NATOMA.

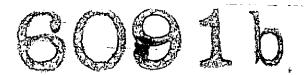
		Ţ	Latit	ude	'.	Longit	ude	
	•	•	•	meters		•	meters	
. 5	A	32	19:	1513	80	31		
		<u> </u>		(335)			(671)	·
	ACE	32	19	266 / (1582) /	80	34	992 / (577) /	
	AT	32	20	1170 / (678) /	80	33	1234 (335)	
-	- B	32	19	1786 /	80	31		
-	BAN	32	19	1402	80	32	(809) 584	· · · · · · · · · · · · · · · · · · ·
_	BEL	32	19	955	80	35,	(985) 1185	······································
_	BID	32	19	(893) <u> </u>	80 80	33	1362	
	BOL	32	20	(1496) 447	80	33	(207) 1546	
				(1401)			(23)	
	BRIG	32	21	1105 / (—)	80	34	192 - (1377)	
	CAT	32	19	1774 (74)	80	33	1231/	
	COX	32	19	1108 -	80	34 ~		
	DALE	32	19	275	80	35	878	<u> </u>
	DAN	32	20	(1573) 310	80	33	(691) 958	
_	DYE	32	19	(1538) <u>(</u> 933 <u> </u>	80	33	(611) 363 —	
	EAT	32	21	(915) ×	80	34	(1206)	
_		1		()			(1429)/	
	EGG	32	19	152 (1696)	80 80	52	1064 / (505)	
	END	32	SO	292 (1556)	80	33	404 ~ (1165)~	
	EX	32	19	419 - (1429)-	80	3 3	713 / (856) /	
	FAT	32	19	676 (1172)	80	3 3	1566 / (3) /	
_	FUN	32	20	372 ~	80	32	1169 -	
_	GO	32	20	1199	80	32	(400) / 1439 /	<u> </u>
_	GOT	32	21	(649) 1580 ~	80	31	(130)/	
_	HART	32	19	361	80	34	(687) 303 ~	
	TUTAL		10	(1487)	-		(1266)	ary and state

	I	atitud	0	I	angitu	ıde	
	0		meters	0	i	meters	
HELE	32	21	789	80	33	905	
			()		2	(664)	
IS	32	21	1298	80	33	-Xo/	
			()	-	- 10	(1569)	
JAB 🔵	32	21	562	80	32	974	
TAGTE	32	19	218	80	34	(595)	
JACK	36	Ta	(1630)	00	34	(183)	
JOHN	32	19	333	80	35	612	
			(1515)			(957)	
KIN	32	20	1404	.80	32	358	《美国新疆传》 10 网络图像 1000 1000 1000 1000 1000 1000 1000 10
			(444)			(1211)	
KING	32	19	684	80	36	196	
			(1164)		773	()	
MAN	32	19	1651	80	31	(393)	
MAX	32	19	(197)	80	32	614	
MAA	36	19	(1414)	•	OD.	(955)	signal May at bottom of pa
NER	32	18		80	32	1186	signar may ar porton or po
1			(102)			(383)	
NO	32	19	776	80	32	217	
			(1072)			(1352)	
NO	32	19	1023	80	32	31	
			(825)			(1538)	
ON	32	19	232	80	32	661	
DAM	32	21	(1616)	80	31	(908)	
PAT	36	eT.	()	00	21	(254)	
PIG	32	19	469	80	34	1153	
110			(1379)			(416)	
POP	32	19	169	80	35	199	
8885005	6886	HINDLEY C	(1679.)			(1370)	
REX	32	20	1702	80	33	1347	
			(146)		88	(222)	
RIP	32	21	643	80	33	1356 (213)	
DTM	32	18	()	80	33	92	
RIT	00	10	((215-))	30		(1477)	
SON	32	19	401	80	35	1532	公司,但是1000年,1000年,1000年,1000年,1000年
			(1447)		22	(37)	
TEN	32	18	***	80	33	195	We the second
	-		(471)		1944	(1376)	The state of the s
·TO	32	19	399	80	32	426	
			(1449)		T/O	(1143)	
TRY	32	19	852	80	32	1050	
17/272	79	19	(996) 852 1438	80	32	1438 1138	
VEE	32	Ta	(410)	30	OL.	(431)	
MOM	32	19	610	80	33	1135	
WOAN	1		(1238)			(434)	
	Manager wheels			DESCRIPTION OF THE PERSON NAMED IN	THE RESERVE AND ADDRESS OF	208	

TOPOGRAPHIC SIGNALS- SHEET "A"

Page 3 of 3.

	o Latitude			1	Longit	ude	
	•	·	meters	0	•	meters	
X -	32	718	(283) 2	80-	-34	(1569)	
Y	32	21	994 /	80	34	107 / (1462) ·	
Z	52	20 .	581 / (1267)/	80	35	168/ (1401)	



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. B 6091b

State South Carolina

LOCALITY

St.Helena Island

Fripp Inlet

1934

CHIEF OF PARTY

R.P. Eyman

U.S. GOVERNMENT PRINTING OFFICE: 1984

DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY LIBRARY AND ARCHIVES

SEP 18 1934

TOPOGRAPHIC TITLE SHEET

ARE BE

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. 6091b

State South Carolina
General locality St. Helena Island
Locality Fripp Inlet
Scale 1: 10,000 Date of survey March , 19.34
Vessel M.Y. Natoma
Chief of party Raymond P. Eyman
Surveyed by John C. Bull
Inked by J.H. Tiller ,Jr.
Heights in feet above to ground to tops of trees
Contour, Approximate contour, Form line intervalfeet
Instructions dated November 2,19 , 1933
Remarks:

4 F

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET NO. B

FRIPP'S INLET, SOUTH CAROLINA

INSTRUCTIONS:

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

PURPOSE OF TOPOGRAPHY:

The Topography of this area was to furnish control for hydrography and Aerial Photographs. Only small areas around points that could be spotted 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, traverse and rod readings.

EXTENT:

This sheet comprises a survey of the central sections of Harbor River. Story River and the North end of Fripp's Inlet. The sheet is a survey of the area between Latitudes 32-22.2 Longitude 80 - 27.5; Latitude 32 - 19.5 Longitude 80 - 31.3; Latitude 32 - 22.0 longitude 80 - 33.6; latitude 32 - 24.6 Longitude 80 - 29.8 .

DESCRIPTION:

The area surveyed on this sheet is comprised of marsh islands and m many small creeks and rivers. The South-west portion of Harbor River covers the central section. This area is completely covered at high tide forming a large bay. At low water this entire area is practically dry. Only small streams between the oyster beds and mud flats remain. Most of the area has no definite high water line. This being the case the rivers and creeks are delineated by the edge of the marsh that has grown over the mud flats.

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:

No new names appear on this sheet.

MAGNETIC DECLINATION:

Magnetic meridians were determined at triangulation stations, Cherry Hill Knoll 1856, Chan 1933, Mid 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 appear on form 567 t that accompanies this report.

STATISTICS:

Area in square statute miles......12.0

Respectfully submitted,

/1.0. Bu

/ Aid.

Approved and fowarded:

Jack C. Sammons Chief of party

Commanding M.V. NATOMA.

T-6091b

DEPARTMENT OF COMMERCE

U.S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS

			4	Coinjock,	N.C.		
4 .					S	pt. 5	, 193
DIRECTOR, U.S. COAST AND GEOREM The following determined description given below, and shape of the control of			ent, can b	e readily d	istinguis	hed from se	eaward from the
				J	eck C.	Sammons	Chief of Party.
			POSITION				
DESCRIPTION	LAT	TUDE	LONG	SITUDE		METHOD OF DETER- MINATION	CHARTS AFFECTED
	o 1	D,M. METERS	o t D.P. METERS		DATUM		
ACK (AOyster), cyster actory, St.Helene Sd.	32 21	1051.3	80 34	91.5	N.A.	Triang	1240
			<u> </u>				
		ļ					
					· · · · · · · · · · · · · · · · · · ·		
				·			
					<u></u>		
)							

A list of objects carefully selected because of their value as landmarks as determined from seaward, together with individual descriptions, must be furnished in a special report on this form, and a copy of such report must be attached by the Chief of Party to his descriptive report.

The selection, determination, and description of these points are an important factor in the value of the chart. Landmarks selected at appropriate intervals can be clearly charted. However, when none is outstanding, a group of two or three objects may by their interrelationship provide positive indentification. A group so selected should be indicated.

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, flagstaffs and like objects are not sufficiently permanent to chart. permanent to chart. U.S. GOVERNMENT PRINTING OFFICE: 1934 25379

	· · · · ·	Latitu	ıde	<u> </u>	Longi	tude	
•	o meter			d	_	meters	
	ľ			•		DD-0015	
AL (32	23	1167	80	29	1014/	
	UN UN			6	~~	(554)	i .
AN	32	20	351	80	31	546	
			(1497)	-	-	()	
BAT	32	21		80	28		
			(1432)			(9)	i
BUM	32	20	1074	80	31	(656 -	
			(774)	-		(913)	
CAN	32	21		80	28		
1		_	(1482)			(232) 🔨	
CAR	32	20	1301	80	31	101	
··			(547)			(1468)	r ·
DOT	32	21	817	80	29	222	
		-	(103)			(1347)	·
FAT	32	23	442	80	30	1110	
			(1406)			(458)	
FLOP	32	21	102	80	31	-4-0-	
			(1746)			(1569)	ľ
·GOT	32	21	1580	80	31	882	<u> </u>
		7	(268)			(687)	
HOG-	32	21	1253	80	29	1007	
			(595)			(562)	
ILL	32	21	1393	80	30	105	
			(455)			(1464)	
IS	32	21	****	80	32	1565	
	•	. –	(546)		•	(3)	
JIL.	32	22	484	80	31	1482	
•	1	T- 1	(1364)			(86)	
KIT	32	- 21	1820	80	29	1297-	
		_ ₁ .	(29)		-	(272)	
LAS	32	20		80	29		
			(8)			(165)	
LO	32	20	/	80	,31	1311	
			(1112)		,	(258)	·
MAL	32	22	280 2	80	29	66323	
			(1568)			(906)	
OH _	82	22	924	80	29	692	
_			(924)			(876)	
PAR	32	22	1006	80	29	944	
<u>, </u>			(842)			(624)	
PAT	32	21	125	80	31	1310	
			(1723)			(259)	
POP	32	19		80	31	719	
			(536)			()	•

		Latitu			Longi	
	0	•	meters	0	•	meters
RAM	32	22	6 (1842)	80	30	617 (951)
RIT	32	19	(534)	80	31	330
S0	32	20	13 (1835)	80	30	(103) ~
TOM	32	20	344 (1504)	80	30	(213)
TIEN	32	23	()	80	-89	223 - (1353)
TAW	32	20	614 (1234)	80	30	(14)