# 143

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Ed. June	. 1928

#### DEPARTMENT OF COMMERCE

u.s. coast and geodetic survey R.S.Patton, Director

State: GEORGIA

# **DESCRIPTIVE REPORT**

Hydrographic

Topographic Sheet No. F 8143

#### LOCALITY

Isle of Hope to Vernon View

193 4

CHIEF OF PARTY

## DEPARTMENT OF COMMERCE U.S. COAST AND GEODETIC SURVEY

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NOV 30 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....F

# REGISTER NO. 6143

State Georgia
General locality Ossabawa Sound
Locality Isle of Hope to Vernon Wiew
Scale 1/10,000 Date of survey March 19 34
Vessel Party No. 23
Chief of party C. A. Egner
Surveyed by H. A. Harnden, G. R. Dietz
Inked by H. A. Hernden
Heights in feet aboveto ground to tops of trees
Contour, Approximate contour, Form line intervalfeet
Instructions dated December 5, 19 33
Remarks: This sheet for topographic and hydrographic
control only

# DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET

FIELD_ "F"
PARTY# 23 PROJECT : F.P.4
YEAR 1934
STATE Georgia
GENERAL LOCALITY Near Savannah.
LOCALITY Isle of Hope to Vernon View.
ADJOINS SHEETS G.J.D.
SHEET ON REVERSE SIDE (IF DOUBLE)
SCALE 1/10,000
DATUM_North American 1927.
CHIEF OF PARTY C. A. Egner.
TOPOGRAPHER Harvey Harnden G. R. Dietz.
DATE OF INSTRUCTIONS Dec. 4, 1934.
INKED BY Harvey Harnden

INSTRUMENTS USED: The usual planetable equipment.

METHODS: Practically all stations were located by intersection from triangulation established in the locality, supplemented in a few cases by traverse in restricted sections of Skidaway Narrows, and by cuts taken from 3-point setups. The true azimuth of the navigating ranges in Skidaway Narrows were determined by setups on the line of the range but at some distance from it. High water was rodded in at several setups.

PURPOSE OF SURVEY:
To provide control for hydrography, to establish recoverable stations for future surveys, to tie down aerial photography for charting the locality, to revise existing surveys.

#### MARKING OF STATIONS:

Numerous triangulation stations throughout the sheet were marked in the accepted permanent manner by standard discs in concrete posts. Several natural objects were located and are included in the "List of Landmarks". These are such as house gables, tanks, dock houses, ets. In addition, numerous stations were marked by blazes on thees, and by 4"x4" cypress posts 8' long driven in the ground with about 1' protruding. These points were selected at representative points throughout the sheet. The numerous ranges in Skidaway Narrows, while only semi-permanent, are not otherwise marked.

#### LANDMARKS:

Only a few worthy of the name occur on this sheet. these have been listed on the accepted form "Landmarks for Charts"

#### RECOVERABLE STATIONS:

See paragraph above "Marking of Stations". It is believed that there are sufficient triangulation stations on this sheet to provide for the future, taken together with the ones marked with cypress posts.

GEOGRAPHIC NAMES: The present charted names have been used as these are the accepted local names.

MAGNETIC MERIDIAN:

Taken from setup at triangulation station DE RENNE on May 10, 1934.

METHOD OF TRANSFER OF SIGNALS TO HYDROGRAPHIC SHEET:Recoverable signals by d.m. and d.p..
Non-recoverable "" Tracing.

VERTICAL CONTROL:

None.

#### CHANGES SINCE PREVIOUS SURVEYS:

Since shereline has not been required on this sheet, except in fragmentary pieces, it is difficult to say what changes have taken place since the last survey. The latter, however, was taken so long ago and under less accurate and complete instructions that it is apparent that many minor discrepancies will be noted when this sheet is supplemented by the photographs. It is to be noted that the triangulation discloses that the charted shoreline at the northern end of the sheet should be moved bodily a matter of some 200 meters. It is believed that this was due to lack of sufficient control in the early survey.

#### MISCELLANEOUS:

Much difficulty was experienced by the photo-compilation unit in deciding just where the high water line actually is. Indeed, in most cases when actually on the ground it is difficult to do this, in those "soupy" areas in the heart of Skidaway Narrows.

Respectfully submitted

H. Haurden

Approved and forwarded

by otequed

SHEET "F"

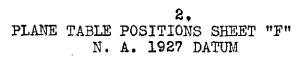
# RANGES SKIDAWAY NARROWS

(Scaled along line from Rear Range to Front Range.)

RANGE #		NAME OF	TIME	AZIMUTH OF RANGE
	REAR	FRONT	<del></del>	·
1	UNO	WON	63 <sup>0</sup>	341
2	TU	UT	190	54†
3	TRES	SEN	351°	130
4	FOR	OF	329°	361
5	ΔI	IT	15°	21'
6	SES	IX	64°	
7	SEV	VES	270	07'
8	TER	EAT	130	16'
9	NIN	RUNT	69°	081
10	TEN	NET	920	281
11	LEV	VEL	339°	341
12	DOS	SOD	320°	21'
13	TEEN	NEET	348°	081
14	TAW	WAT	143°	

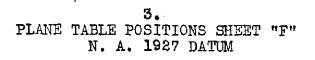
## PLANE TABLE POSITIONS SHEET "F" N.A. 1927 DATUM

NAME	LATITUDE D. M. METERS	LONGITUDE D. M. METERS	MARKS TURN INTO BURN- SIDE FROM VERNON RIVER DESCRIPTION OF OBJECT
Beacon 5	346 ≥2 31 55 (15 <del>10</del> )	348 81 06 ( <del>1818</del> )1228	Triangulation
F <b>Q</b> g	1017 31 55 (831)	1445 81 05 (131)	Flagpole on Dock House Torrey's Topo. landing
Sug	271 31 55 (1577)	910 81 04 (667)	North gable of barn
After	1436 31 54 (412)	547 81 06 (1029)	Tel. pole marked with 4"x 4" cypress alongsid
Non	618 31 55 (1230)	797 81 04 (780)	4"x 4" cypress in marsh off point 60 meters off H. W. L.
Lam	461 · 31 55 (1387)	523 81 04 (1054)	4"x 4" cypress foot of dead Oak tree
Jor	783 31 55 <b>(</b> 1065)	366 81 04 (1211)	4"x 4" cypress stake 5 meters off H. W. L. Edge of wooded shore.
Ham	1093 31 55 (755)	334 81 ·04 (1246)	Large Pine tree marked with triangle, 8 meters off H. W. L.
Oyster	1085 31 55 (763)	561 81 04 (1016)	State Oyster sign.
Teen	1177 31 55 (671)	640 81 04 (9 <b>5</b> 6)	Rear Range #13.
Net	1322 31 55 (526)	. 673 81 04 (904)	#13 Front Range #12.
Wat	1841 31 55 (7)	964 81 04 (613)	Front Range #14.
Ga	1260 31 56 (588)	314 81 06	East Gable of Shed.
Taw	88 31 56 (1760)	1030 81 04 (547)	Rear Range #14.
Ice .	186 31 56 (1662)	1288 81 04 (289)	4"x 4" cypress in marsh, 20 meters off H. W. L.
Da	274 31 56 (1474)	1524 81 04 (52)	4"x 4" cypress in marsh projecting l'. 30 meters off H. W.L.
Vert .	527 31 56 (1325)	299 81 05 (1278)	4"x 4" cypress in marsh projecting 1'. 20 meters off H. W. L.



NAME   D. M. METERS   DESCRIPTION OF OBJECT				
Sane   31 56 (1158)   81 05 (994)   694   697   694   697   697   694   694   697   694   694   697   694   697   694   697	NAME		DESCRIPTION OF OBJECT	
### 1282   marsh projecting 1'.   1782   31 56 (1540)   81 05 (295)   100 meters off point.   278	Sane	583	4"x 4" cypress in marsh, 30 meters off H. W. L.	
Type   31   56   (1298)   81   05   (281)   281   282   285   31   55   (1540)   81   05   (784)   31   35   35   35   35   (66)   81   05   (1292)   31   35   31   35   (1580)   81   04   (1528)   31   35   31   35   31   35   31   35   31   35   31   31	Wa		4" x 4" cypress in marsh projecting l'. 100 meters off point.	
Rene 31 56 (1540) 81 05 (784) triangle 5 meters off H. W. L.  1782 285 Tall Pine tree marked with triangle 14 meters off H. W. L.  168 723  168 725  208 756  208 756  208 756  208 756  209 1023  209 1023  209 1023  209 1023  209 1023  209 1023  209 1023  209 1023  209 1023  209 1023  209 1023  209 1023  209 1023  209 1023  209 1023  209 1023  209 1023  209 1023  209 1023  209 1024  209 1024  209 1024  209 1025  209 1026  209 1026  209 1026  209 1026  209 1026  209 1026  209 1026  209 1026  209 1026  209 1026  200 1253  200 1026  201 1048  202 1046  203 1 56 (1342) 81 04 (528) Front Range #11.  203 1 56 (1342) 81 04 (712) above surface.  204 (324) Rear Range #10.  205 1180  206 2178  207 207 207 207 207 207 207 207 207 207	Ivy		marsh & edge of. wooded grove.	
Bis 31 55 (66) 81 05 (1292) with triangle 14 meters off H. W. L.  Dos 31 56 (1680) 81 04 (854) Rear Range #12  Sod 31 56 (1640) 81 04 (821) Rear Range #12.  Lev 31 56 (1455) 81 04 (523) Rear Range #11.  Vel 31 56 (1378) 81 04 (528) Front Range #11.  Tag 31 56 (1342) 81 04 (712) above surface.  Ji1 31 56 (828) 81 05 (316) with triangle 14 meters off H. W. L.  Wel 31 56 (828) 81 04 (521) Rear Range #12.  Lev 31 56 (1378) 81 04 (528) Front Range #11.  Tag 31 56 (828) 81 05 (316) with triangle.  Ten 31 56 (668) 81 04 (712) above surface.  Net 31 56 (670) 81 04 (324) Rear Range #10.  Not 31 56 (762) 81 04 (746) Rear Range #10.  Not 31 56 (762) 81 04 (746) Rear Range #9.  Log 31 56 (417) 81 04 (833) Front Range #9.  Log 31 56 (417) 81 04 (1332) ing 1' above surface.  1545 58 4" 4" x 4" cypress projecting 1' above surface.  4" x 4" cypress projecting 1' above surface.	Rene		triangle 5 meters off H. W. L.	
Sod   31   56   (1680)   81   04   (854)   Rear Range #12	Bis		with triangle 14 meters	
Sod     31     56     (1640)     81     04     (821)     Rear Range #12.       Lev     31     56     (1455)     81     04     (553)     Rear Range #11.       Vel     31     56     (1378)     81     04     (528)     Front Range #11.       Tag     31     56     (1342)     81     04     (712)     above surface.       Jil     31     56     (828)     81     05     (316)     with triangle.       Ten     31     56     (668)     81     04     (324)     Rear Range #10.       Net     31     56     (670)     81     04     (379)     Front Range #10.       Nin     31     56     (762)     81     04     (746)     Rear Range #9.       Runt     31     56     (727)     81     04     (833)     Front Range #9.       Log     31     56     (417)     81     04     (1332)     ing 1' above surface.       1543     1543     58     10 4     (1332)     10 2 4 7 4 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Dos		Rear Range #12	
Lev     31 56 (1455)     81 04 (553)     Rear Range #11.       Vel     31 56 (1378)     81 04 (528)     Front Range #11.       Tag     31 56 (1342)     81 04 (712)     above surface.       Ji1     31 56 (828)     81 05 (316)     Oak treebark marked with triangle.       Ten     31 56 (668)     81 04 (324)     Rear Range #10.       Net     31 56 (670)     81 04 (379)     Front Range #10.       Nin     31 56 (762)     81 04 (746)     Rear Range #9.       Runt     31 56 (727)     81 04 (833)     Front Range #9.       Log     31 56 (417)     81 04 (1332)     4" x 4" cypress projecting 1' above surface.       1543     58     1ng 1' above surface.       1 above surface.       1 above surface.       1 above surface.       1 above surface.	Sod		Rear Range #12.	
Vel       31 56 (1378)       81 04 (528)       Front Range #11.         Tag       506 (1342)       81 04 (712)       4"x 4" cypress 1" above surface.         Jil       1020 (828)       81 04 (712)       0ak treebark marked with triangle.         Ten       31 56 (668)       81 04 (324)       Rear Range #10.         Net       31 56 (670)       81 04 (379)       Front Range #10.         Nin       31 56 (762)       81 04 (746)       Hear Range #9.         Runt       31 56 (727)       81 04 (833)       Front Range #9.         Log       31 56 (417)       81 04 (1332)       ing 1' above surface.         4"x 4" cypress project-ing 1' above surface.       4"x 4" cypress project-ing 1' above surface.         1543       58 ing 1' above surface.	Lev		Rear Range #11.	
Tag 31 56 (1342) 81 04 (712) above surface.    1020	<u>V</u> el		Front Range #11.	
Jil     31     56     (828)     81     05     (316)     with triangle.       Ten     31     56     (668)     81     04     (324)     Rear Range #10.       Net     31     56     (670)     81     04     (379)     Front Range #10.       Nin     31     56     (762)     81     04     (746)     Rear Range #9.       Runt     31     56     (727)     81     04     (833)     Front Range #9.       Log     31     56     (417)     81     04     (1332)     ing 1' above surface.       1543     1543     58     1ng 1' above surface.	Tag		4"x 4" cypress l' above surface.	
Ten 31 56 (668) 81 04 (324) Rear Range #10.  Net 31 56 (670) 81 04 (379) Front Range #10.  Nin 31 56 (762) 81 04 (746) Rear Range #9.  Runt 31 56 (727) 81 04 (833) Front Range #9.  Log 31 56 (417) 81 04 (1332) Front Range #9.  1543 58 4"x 4" cypress projecting 1' above surface.  4"x 4" cypress projecting 1' above surface.	J11			
Net 31 56 (670) 81 04 (379) Front Range #10.  Nin 31 56 (762) 81 04 (746) Rear Range #9.  Runt 31 56 (727) 81 04 (833) Front Range #9.  Log 31 56 (417) 81 04 (1332) ing 1' above surface.  1543 58 198 198 198 198 198 198 198 198 198 19	Ten		Rear Range #10.	
Nin 31 56 (762) 81 04 (746) Rear Range #9.  Runt 31 56 (727) 81 04 (833) Front Range #9.  Log 31 56 (417) 81 04 (1332) ing 1' above surface.  1543 58 4"x 4" cypress projecting 1' above surface.	Net		Front Range #10.	
Runt 31 56 (727) 81 04 (833) Front Range #9.  Log 31 56 (417) 81 04 (1332) Front Range #9.  Log 31 56 (417) 81 04 (1332) ing 1' above surface.  4"x 4" cypress project- ing 1' above surface.	Nin		Bear Range #9.	
Log 31 56 (417) 81 04 (1332) ing 1' above surface.  4"x 4" cypress project- ing 1' above surface.	Runt		Front Range #9.	
1043 1 38 ling 1 above surface.	Log		4" x 4" cypress project- ing l' above surface.	
一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个	Cat		4"x 4" cypress project- ing l'above surface.	

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NAME	LATITUDE D. M. METERS	LONGITUDE D. M. METERS	DESCRIPTION OF OBJECT
Bug	1489 31 56 (359)	81 03 (167)	4"x 4" cypress in marsh projecting l'above sur- face. Old Eng'r. station
м	1757 31 56 (91)	81 03 (156)	4" x 4" cypress in marsh 1' above surface.
Tum	21 31 57 (1827)	81 03 (177)	Small scrub oakface marked with triangle.
Iron	401 31 57 (1447)	449 81 05 (1128)	East gable corrugated iron building.
Bath	1039 31 57 (809)	804 81 05 (773)	Water tank Bethesda Orphan Assylum.
Chim	1775 31 57 (73)	96 81 05 (1480)	Chimney in center of house.
Nay	98 31 57 (1750)	81 03 (346)	4" x 4" cypress l' above surface.
Ab	235 31 57 (1612)	81 03 (322)	4"x 4" cypress in marsh
Ву	358 31 57 (1490)	81 03 (324)	Small Oak tree with bark cut off. Face marked with triangle.
Na	386 31 57 (1462)	81 03 (173)	4"x 4" cypress in marsh.
Kin	542 31 57 (1306)	81 03 (326)	4"x 4" cypress l' above surface.
Ter	533 31 57 (1315)	81 03 (628)	Rear range #8.
Eat	573 31 57 (1275)	81 03 (638)	Front Range #8.
Sev	622 31 57 (1226)	81 03 (568)	Rear Range #7.
Ses	771 31 57 (1077)	81 03 (410)	Rear Range #6.
Ves	735 31 57 (1113)	81 03 (627)	Front Range #7.
Τx	876 31 57 (972)	81 03 (631)	Front Range #6.

4.
PLANE TABLE POSITIONS SHEET "F"
N. A. 1927 DATUM

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NAME	D. M. METERS	D. M. METERS	DESCRIPTION OF OBJECT
V1	860 31 57 (988)	81 03 <del>(835)</del>	Rear Range #5.
1t.	969 31 57 (879)	81 03 (964)	Front Range #5.
Fog	904 31 57 (944)	81 03 (1181)	Rear Range #4.
Of	31 57 (719)	81 03 (1050)	Front Range #4.
Tres	1284 31 57- (568)	81 03 (870)	Rear Range #3.
Sen	1372 31 57 (476)	81 03 (856)	Front Range #3.
Tu	1454 31 57 (394)	81 03 (735)	Rear Range #2.
Ut	1538 31 57 (310)	81 03 (765)	Front Range #2.
Uno	1677 31 57 (171)	81 03 (629)	Rear Range #1.
Won	1758 31 57 (90)	81 03 (790)	Front Range #1.
Pa	1563 31 57 (285)	81 03 (988)	Oak tree edge of marsh and wooded grove marked with triangle.
Pek	1758 31 57 (90)	81 03 (1082)	Pine tree with face of bark marked with tri- angle 6' above ground.
Dig	228 31 58 <b></b> -	81 03 <b>(13</b> 77)	Pine tree with hollow base, at edge of H.W.L. Marked with triangle.
Tree	1544 31 57 (304)	378 81 05 (1199)	4"x 4" cypress project- ing l'. Edge of Palme- tto Hummock 15m H.W.L.
Ex	1096 31 57 (752)	678 81 03 (898)	2 inch cast iron pipe 2' 6" above surface.
The solution of the second trace on the second			
- Annie Charles and Charles and Charles de Landers and Charles and		- ************************************	insulationymas, make vida has to neightenbeskeskeskeskest till deliktion taken i sur husbassen sa ether hij eth
	Action to the state of the stat		

#### DEPARTMENT OF COMMERCE

U.S. COAST AND GEODETIC SURVEY

CATTANTALL CHODOTA

## LANDMARKS FOR CHARTS

	BAVANNAU, GRONGIA							
					NE 10		193 4	
I ECTOR, U.S. COAST AND GEOR	DETIC SURV	ÆY:						
The following determined description given below, and shape	objects a	re promin	ent, can be	e readily d	listinguis	hed from s	eaward from the	
description given below, and si	iouid be c	narteu.			Off.	- ,		
				(		med		
				C.	A. Eg	her	Chief of Party.	
	P				U			
DESCRIPTION	LATI	TUDE	LONG	ITUDE		METHOD OF DETER- MINATION	CHARTS	
	0 1	D.M. METERS	0 1	D.P. METERS	DATUM	MINATION		
December 116		346 2		34820		Friangu		
Beacon #5	31-55	(1500)	81-06	(1216)		lation	1241, 573	
(Flog pole on Dock House	71 55	1017	01 05	1445	mer.	m		
Flag at Torrey's landing)	31-55	(831)	81-05	910	1927	Topo.		
Sug (North gable of Barn)	31-55	(1577)	81-04	(667)				
	71 FA	1260	03 00	314	11	11		
Ga (Eastgable of Shed)	31-56	(588)	81-06	440	11	11		
Iron (Fact gable corrugated inghi	31-56	401 (1447)	81-05	(1128)				
(Water tank Bethesda	01 00	1039	01-00	804	11	ft .		
Bath orphans Home)	31-57	(809)	81-05	(773)				
(Chimney in center		1775		96	11	11		
Chim of Hoose)	31-57	(73)	81-05	(1480)				
						11		
			1					
The second secon								
0								

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

### REVIEW OF T-6143

This survey has been examined in connection with the Review of Air Photo Compilations T-5214 and T-5114. See Review of Air Photo Compilation T-5214 for a discussion of errors in the plane table projection and in plotting of triangulation stations.

BG. gones