

6166

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

~~Topographic~~

Sheet No. G 6166

State Georgia

LOCALITY

Wassaw Sound

Dutch Island

193

CHIEF OF PARTY

U. S. GOVERNMENT PRINTING OFFICE: 1934

6166

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

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DEC 29 1934

Ann. No. _____

REG. NO.

6166

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. G

REGISTER NO. **6166**

State GEORGIA

General locality WASSAW SOUND, ST. JAMES RIVERS

Locality ~~SEVEN MILE CREEK~~ DUTCH ISLAND

Scale 1/10,000 Date of survey MAY, 1934

Vessel FIELD PARTY #23

Chief of party C. A. EGNER

Surveyed by BURNS, SHUFFLE, DIETZ

Inked by A. W. GREEN, JR

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated DECEMBER 5, 1933

Remarks: THIS SHEET FOR HYDROGRAPHIC AND TOPOGRAPHIC
CONTROL ONLY

U.S. COAST & GEODETIC SURVEY
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REPORT TO ACCOMPANY
TOPOGRAPHIC SHEET
FIELD G

REPORT TO ACCOMPANY TOPOGRAPHIC SHEET

FIELD G

INSTRUCTIONS:

Dated December 5, 1933, for combined operations, Party #23.

PURPOSE OF SURVEY:

As usual.

LOCALITY:

See below.

INSTRUMENTS USED AND METHODS:

The usual planetable outfit was used exclusively in the location of signals on this sheet. Due to the fact that insufficient triangulation had been established in this locality to properly control the area, several additional stations were located in advance of the topography. Using these for setups, and for providing strong 3-point fixes, the remainder of the signals on the sheet were located by intersection. To assist in the accuracy of these locations and to insure that satisfactory 3-point fixes were available in the hydrography, wherever possible the signals were established in range. In some cases, as many as 4 of these could be lined up in this way.

LOCALITY OF THE SHEET:

This sheet covers the Wilmington and Skidaway rivers and approaches in the vi-

cinity of Isle of Hope and Turner's Creek.

SCALE:

1/10,000.

SHORELINE:

At several points, a section of shoreline was rodded in to assist in tying down the aerial photos. In these cases, the marsh line was considered the H. W. line.

MARKING OF STATIONS:

Due to the comparative importance of this locality, an unusually large number of topo signals were marked for future recovery. In marshy ground a 4" x 4" cypress stake 8' long was used with about one foot showing above the ground. In other cases, a blaze on a prominent tree, or a natural object was located for the purpose. These are noted on the sheet, and are scaled and the position recorded in this report.

LANDMARKS:

None except those already charted.

RECOVERABLE STATIONS:

All triangulation stations on the sheet except the navigational beacons #4, #6, #1, #8, and #10 are recoverable. Those noted as marked with cypress stakes and blazes should be comparatively permanent.

GEOGRAPHIC NAMES:

Those charted have been retained.

MAGNETIC MERIDIAN:

Taken at triangulation station
SKID May 22, 1934 with the box declinator.

VERTICAL CONTROL:

None.

CHANGES SINCE LAST SURVEY:

This is difficult to determine at this time since the shoreline is being surveyed by aerial photography. Only the main channels were surveyed in previous surveys made years ago. It is known that in previous surveys control was quite meagre so it is likely that considerable change will be noted. For instance, in the vicinity of Beacon #10 a discrepancy in the shoreline of about 200 meters is apparent, in a locality where this change could not take place easily from natural causes.

Respectfully submitted,

Gary R. Dietz

Approved and forwarded,

C. H. Egner
Lieut. C. & G. S.
Chief of Party.

LIST OF SIGNALS TOPOGRAPHIC SHEET

FIELD G

NAME		LATITUDE METERS		LONGITUDE METERS	DESCRIPTION
		980		1089	ALL STAKES EXTEND 1 FT. ABOVE GR.
No	32-00	(868)	81-00	(486)	4"x 4"x 8' cyp. stk. #39
		749		820	4 x 4 x 8 cyp. stk. #40 8d nails
Flag	32-00	(1099)	81-00	(755)	on H. W. L.
		594		782	
Ner	32-00	(1344)	81-00	(793)	
		166		731	4 x 4 x 8 stk. #41 8d nails
Tu	32-00	(1682)	81-00	(844)	100 meters W. H. W. L.
		410		94	
Pier	32-00	(1438)	81-00	(1481)	Gable
		1188		450	Triangular blaze on 18" Pine ex-
Rare	32-00	(660)	81-00	(1125)	treme S. edge line of trees 26 m.
					W. H. W. L. -- 2 m. N. H. W. L.
		1485		833	Cross blazed on 16" Pine extreme
Bet	32-00	(363)	81-00	(742)	S.W. Point of high land and trees
		1773		1352	Triangular blaze on Palm extreme
Sig	32-00	(75)	81-00	(223)	S.E. point of trees.
		80		1197	
Gab	32-01	--	81-00	(378)	Gable.
		1403		---	
Bath	31-59	(445)	80-59	(252)	Peak of Roof
		1134		501	4 x 4 x 8 stk. #43 8d nails on
End	31-59	(714)	81-00	(1074)	H. W. L.
		735		534	4 x 4 x 8 stk. #42 8d nails on
Pi	31-59	(1113)	81-00	(1041)	H. W. L.
		374		736	
Rit	31-59	(1474)	81-00	(839)	4 x 4 x 8 stk.
		137		867	4x4x8 stk. #44 8d nails 20 meters
Po	31-59	(1711)	81-00	(708)	H. W. L.
		1626		784	4 x 4 x 8 stk. #46 8d nails ex-
Isle	31-58	(222)	81-00	(791)	treme N. point the sisters.
		---		745	
Bo	31-58	(803)	81-02	---	4 x 4 x 8 cypress hub
		289		28	
Ban	31-59	(1559)	81-02	(1537)	4 x 4 x 8 cypress hub
		773		315	
Tre	31-59	(1075)	81-01	(1260)	Triangular blaze on Palmetto
		1261		56	Pine
Spy	31-59	(587)	81-01	(1519)	Triangular blaze on Palmetto
		1668		1561	
Bur	31-59	(180)	81-00	(14)	Triangular blaze on Pine
		2--		410	
Tip	31-58	(256)	81-03	(1165)	4 x 4 cypress hub
		683		989	
Tank	31-59	(1165)	81-02	(586)	Small water tank
		---		253	4 x 4 x 4 stk. 8d nails 74 meters
Tar	32-01	{407}	81-01	(1321)	north H. W. L.
		---		1335	
Egg	31-58	(-1240)	81-02	(-240)	4 x 4

LIST OF SIGNALS TOPOGRAPHIC SHEET

FIELD G (CONT.)

NAME		LATITUDE METERS		LONGITUDE METERS	DESCRIPTION
		1277		96	
So	32-00	(571)	81-00	(1479)	GABLE
		1312		---	4 x 4 x 8 stk 2 & 8 8d nails
High	32-00	(536)	80-59	(152)	49 meters H. W. L.
		913		---	10" square blaze on most northerly
Sel	32-00	(935)	80-59	(126)	of 4 10" Pines on N.W.Pt. of Isle.
		725		---	Cross blazed on lone 30" water
Tee	32-00	(1123)	80-59	(622)	Oak at H. W. L.
		844		---	
How	32-00	(1008)	80-59	(891)	Gable