

6192

U. S. COAST & GEODETIC SURVEY
LAND AND ARCHIVES

JAN 25 1935

Acc. No. _____

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

6192

State Georgia

LOCALITY

Wilmington Island

~~Bull River, Turner's Creek~~

~~Lower Savannah River~~

McQueen Island to Turner Creek

193 4

CHIEF OF PARTY

C. A. Egner.

U. S. GOVERNMENT PRINTING OFFICE: 1934

6192

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

LIBRARY AND ARCHIVES

REG. NO.

JAN 27 1935

Acc. No.

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. **6192**

State GEORGIA

Wilmington Island

General locality WILMINGTON ISLAND

McQueen Island to Turner Creek

Locality VICINITY OF SAVANNAH

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

Vessel FIELD PARTY # 23

Chief of party C. A. EGNER

Surveyed by G.R. Dietz, George Fortune

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 TOPOGRAPHIC AND HYDROGRAPHIC

CONTROL ONLY.

REPORT TO ACCOMPANY
TOPO. SHEET K

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.

INSTRUMENTS USED:

The usual planetable outfit was used exclusively for location of signals by intersection and for two short traverses in Richardson and Turners Creeks.

CONTROL AND METHODS:

Supplementing triangulation already established, three additional stations were put in along Bull and St. Augustine Creeks. These were used for setups and to provide strong 3-point locations for intersection on topo. signals and to cut down the length of traverse necessary in Richardson Creek.

MARKING OF STATIONS:

Numerous signals well located by intersection were marked for future recovery by means of cypress posts 4"x 4" x 8' long, showing about 18" above the ground, and by blazes on prominent trees. These will provide control points for revision work in the future.

LANDMARKS:

None of sufficient prominence are noted on this sheet.

SHORELINE:

To assist in tieing down the aerial photography of this area, sections of shoreline at representative points where control was good was rodded in by the topographer. In such cases, the grass line was taken as the high water line.

GEOGRAPHIC NAMES:

Those noted on the chart were used, with one exception. What is called Tybee Creek is locally known as Bull River.

MAGNETIC MERIDIAN:

Taken at triangulation station MING on June 8, 1934.

CHANGES SINCE PREVIOUS SURVEY:

Since no comprehensive survey with aerial shoreline control has ever been taken previously, this represents what amounts to an original survey.

VERTICAL CONTROL:

None.

LIST OF RECOVERABLE STATIONS:

Appended hereto is a list of those recoverable stations, including marked stations and a few natural objects.

Respectfully submitted,

Guy R. Dietz

Approved and forwarded.

G. H. H. H.

Plane Table Positions

Sheet "K"

Name	O	D.M.Meters	O	D.P.Meters	Description
Min	32-02	1112 (736)	80-59	353 (---)	Not Mkd.
Rich ✓	32-02	909-12m (939) ✓	80-59	24 (---)	Half dead Tree.
Po ✓	32-02	647- (1201) ✓	80-58	1400 (174)	4"x4"x 8' Cyp. stake 10 m. from edge of grass
Hlt ✓	32-02	652- (1196) ✓	80-58	1119 (455)	(Sq. blaze on lft. oak at point of trees 15 m from H. W. Mark.
Met ✓	32-02	544- (1304) ✓	80-59	135 (---)	Palmetto tree marked. located on edge of Whitmarsh Island 15 m. from H. W. L. ^{High ground line}
Pet ✓	32-02	278- (1570) ✓	80-58	1558 (16)	4 x 4 Cyp. in marsh 5 m. off H. W. L.
Sid ✓	32-02	212 (1636)	80-59	320 (---)	4 x 4 Cyp. in marsh 5 m. off H. W. L.
Near (d)	32-02	478 (1802)	80-57	331 (242)	4 x 4 Cyp. in marsh 10 m. off H. W. L.
Mid (d)	32-01	1432 (419)	80-56	1326 (251)	4 x 4 Cyp. in marsh 5 m. off H. W. L.
Sim	32-01	804 (1045)	80-56	553 (1023)	Not Mkd.
Lom	32-01	1530 (320) ✓	80-59	393 (---)	4 x 4 Cyp. in marsh 5 meters off H.W.L.
Or	32-01	1165 (682) ✓	80-59	901 (---)	4 x 4 Cyp. in marsh 5 m. off H. W. L.
Net	32-01	758 (1091) ✓	80-59	702 (---)	Marked palmetto ^{High ground line} 30 m. off H. W. L.
Tent	32-01	623 (1225)	80-59	218 (---)	Marked water Oak 10 m. from H. W. L.
Pod ✓	32-00	--- (80)	80-59	653 (---)	4 x 4 Cyp. in marsh 5 m. off H. W. L.
Gas	32-00	--- (334)	80-59	496 (---)	center window below gable of boat house
Ray	32-00	--- (31)	80-56	--- (400)	Pine tree marked 10 m. from H. W. L.
Stay	32-02	518 (1329) ✓	80-56	782 (795)	4 x 4 Cyp. in old R.R. bed.
Ex	32-02	112 (719) ✓	80-56	1475 (102)	"
Pole	32-02	1654 (194) ✓	80-57	501 (1076)	"
Ag	32-03	625 (1223) ✓	80-57	1296 (282)	"
Lo	32-03	1234 (615) ✓	80-58	324 (1253)	"
Rat	32-03	1842 (7.0)	80-59	1211 (366)	NOT MKD.

Plane Table Positions

Sheet "K"

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Name		D. M. Meters		D. P. Meters	Description
		272		585	
Nel	32-03	(1577)	80-58	(992)	
		1185			
Jil	32-02	(662)	80-58	378	
				(1200)	
		1191		1406	
Alf	32-02	(658)	80-57	(172)	
		280		500	
Pat	32-04	---	80-59	---	

REVIEW OF GRAPHIC CONTROL SURVEY T-6192 , SCALE 1:10,000

Date of Review 9-25-35

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5143 , , with particular attention to the following details:

- (a) Projection has been checked in the Field.
- (b) Accuracy of location of plane table control points.
- (c) Discrepancies between detail on this survey and the air photo compilations listed above.
- (d) Discrepancies found in descriptions submitted on Form 524 when compared with the air photo compilations listed above.

2. Refer to the reviews and descriptive reports of air photo compilations Nos. T-5147 , , for a more complete discussion of any errors or discrepancies found.

Any material errors found on this survey are noted in subsequent paragraphs of this review, and these have been reported to the Field Records Section and the Cartographic Section.

Notes and corrections resulting from the review are shown on this survey in green.

*The location of the shore line along Turners Creek
(Lat. 32°01.3', long. 80°58.2') is doubtful.*

*Three plane table positions (SID, TENT, RAY) are
doubtful. Shore line references for the above stations do not
check on the compilation.*

V. R. Sobieralski

F. J. Geline