

6153a

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. G 6153a
~~Hydrographic~~

State South Carolina

LOCALITY

Port Royal Sound

Mackay Creek

1934

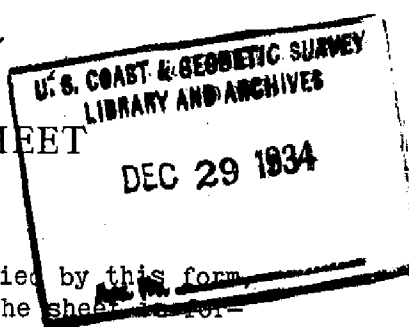
CHIEF OF PARTY

C. A. Egner

6153a

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET



REG. NO. 61533

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. 61532

State SOUTH CAROLINA

General locality Port Royal Sound

Locality MACKAY CREEK

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

Vessel PARTY NO. 23

Chief of party C. A. EGMER

Surveyed by G. R. DIETZ

Inked by J. G. PATTERSON

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated DECEMBER 4, 1933

Remarks: THIS SHEET FOR TOPOGRAPHIC AND HYDRO-

GRAPHIC CONTROL ONLY.

DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET

FIELD: G'

PROJECT: F. P. 4

PARTY: NO. 23

YEAR: 1934

STATE: SOUTH CAROLINA

GENERAL LOCALITY: NEAR SAVANNAH, GEORGIA

LOCALITY: MACKAY CREEK

ADJOINS SHEETS: X

SHEET ON REVERSE SIDE: J'

SCALE: 1/10,000

DATUM: NORTH AMERICAN 1927

CHIEF OF PARTY: C. A. EGNER

TOPOGRAPHER: G. R. DIETZ

DATE OF INSTRUCTIONS: DECEMBER 4, 1933

INKED BY:

INSTRUMENTS USED:

Standard Plane table equipment.

METHODS:

Practically all stations were located by intersection from triangulation established in the locality supplemented in a few cases by cuts from 3-point setups. High water line and marsh lines were located in certain portions, as indicated, by stadia.

PURPOSE OF SURVEY:

To provide control for hydrography, to provide recoverable stations for future surveys, to control aerial photography for charting this locality, and to revise existing surveys.

MARKING OF STATIONS:

The triangulation stations in this area are marked in the accepted permanent manner with standard discs set in concrete. The important topographical signals were permanently marked with 4"x 4" cypress hubs 8' long driven into the ground with about 18" projection or by distinctive blazes on trees. These are described and noted on the sheet.

LANDMARKS:

There were no landmarks in this area considered prominent enough to be charted.

RECOVERABLE STATIONS:

The triangulation stations in this area are all recoverable. The topographic signals permanently marked as noted above will be sufficient to control this area for future surveys.

GEOGRAPHIC NAMES:

The present charted names are used in all cases.

MAGNETIC MERIDIAN:

Taken from setup at triangulation station MACK on July 13, 1934.

METHOD OF TRANSFER OF SIGNALS TO HYDROGRAPHIC SHEET:

Recoverable stations by d.m. and d.p.
Non-recoverable stations by tracing.

VERTICAL CONTROL:

None.

CHANGES SINCE PREVIOUS SURVEYS:

Since the general shore line was not taken in this survey it is difficult to say what changes have been made in the shore line. This will be determined from the aerial survey of this area.

MISCELLANEOUS:

It was found difficult by the photo-compilation unit to decide just where the high water line actually is and in fact it is difficult to determine its exact location even on the ground because of the "soupy" character of this marsh land.

Signals RUT, MAL, WIL, and END are on range, also END, JIM, and OUT form a second range, and a third range is BIG, JIM, and triangulation station MACK. All ranges selected arbitrarily so as to give maximum control with minimum number of signals.

Respectfully submitted

Approved and
forwarded

C. E. Egan
Chief of Party

Guy R. Dietz

LIST OF RECOVERABLE STATIONS
 TOPO SHEET G'

NAME	LATITUDE		LONGITUDE		DESCRIPTION
	o	' METERS	o	' METERS	
		320		963	
Mol	32-15	(-1528)	80-46	(-607)	4"x 4"x 8' cypress hub
		1046		1000	
End	32-14	(-802)	80-46	(-570)	4"x 4"x 8' cypress hub
		386		1502	
Big	32-15	(-1462)	80-46	(-68)	4"x 4"x 8' cypress hub
		903		761	
Nest	32-15	(-945)	80-46	(-809)	8" triangular blaze on 16" oak
		1442		607	8" triangular blaze in 16" pine
H1	32-15	(-406)	80-46	(-963)	in south side of trunk
		12		1350	
Pam	32-16	(-1836)	80-45	(-220)	8" triangular blaze on 12" Palm Tr.
		796		1377	
Try	32-16	(-1052)	80-45	(-193)	4"x 4"x 8' cypress hub

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DESCRIPTIVE REPORT

Topographic
~~Hydrographic~~

Sheet No. J. 6153b

State South Carolina

LOCALITY

Tybee Roads

Wright River to Savannah River

1934

CHIEF OF PARTY

C.A. Egner

U. S. GOVERNMENT PRINTING OFFICE: 1934

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DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
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TOPOGRAPHIC SHEET

Acc. No.

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. J'

REGISTER NO. 6153b

State SOUTH CAROLINA

General locality TYBEE ROADS

Locality WRIGHT RIVER TO SAVANNAH RIVER

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

Vessel PARTY NO. 23

Chief of party C. A. EGNER

Surveyed by G. R. DIETZ

Inked by G. FORTUNE

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated DECEMBER 4, 1933

Remarks: THIS SHEET FOR TOPOGRAPHIC AND HYDRO-
GRAPHIC CONTROL ONLY.

REG. NO. 6153b

DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET

FIELD: J'

PROJECT: F. P. 4

PARTY: NO. 23

YEAR: 1934

STATE: SOUTH CAROLINA

GENERAL LOCALITY; SAVANNAH, GEORGIA

LOCALITY: WRIGHT RIVER

ADJOINS SHEETS: I', C'

SHEET ON REVERSE SIDE: G'

SCALE: 1/10,000

DATUM: NORTH AMERICAN 1927

CHIEF OF PARTY: C. A. EGNER

TOPOGRAPHER: G. R. DIETZ

DATE OF INSTRUCTIONS: DECEMBER 4, 1933

INKED BY:

INSTRUMENTS USED:

The usual plane table equipment.

METHODS:

All stations were located by intersection from triangulation established in the locality and by cuts taken from 3-point setups.

PURPOSE OF SURVEY:

To provide control for hydrography and to establish recoverable stations for future surveys.

MARKING OF STATIONS:

Triangulation stations, when not beacons or other natural land marks, are marked in the accepted permanent manner by standard discs in concrete posts. In addition topographic stations were marked by 4"x 4" cypress posts 8' long driven in the ground with about 18" protruding. These stations were selected at representative points on the sheet.

LANDMARKS:

There were no landmarks on this sheet except those previously located on other sheets and transferred to this one.

RECOVERABLE STATIONS:

Triangulation stations in this area are all recoverable. The topographic signals permanently marked as noted above will be sufficient to control this area for future surveys.

GEOGRAPHIC NAMES:

The present charted names are used in all cases.

MAGNETIC MERIDIAN:

Not taken.

METHOD OF TRANSFER OF SIGNALS TO HYDROGRAPHIC SHEET:

Transferred by d.m. and d.p.

VERTICAL CONTROL:

None.

CHANGES SINCE PREVIOUS SURVEYS:

Changes will be determined from the aerial survey of this area.

MISCELLANEOUS:

This sheet was used to locate one topographic signal which with signals located on adjoining sheets was sufficient for hydrography on the upper part of Wright River.

Respectfully submitted

Guy R. Dietz

Approved and forwarded

Hegner
Chief of Party

LIST OF RECOVERABLE STATIONS

TOPO SHEET J'

NAME	LATITUDE		LONGITUDE		DESCRIPTION
	o	' METERS	o	' METERS	
In	32-06	1610 (-238)	80-59	650 (-923)	4"x 4"x 8' cypress hub