

6140a

U. S. COAST & GEODETIC SURVEY
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Form 504
Ed. June, 1928

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. Patton, Director

State: SOUTH CAROLINA

DESCRIPTIVE REPORT

Topographic } Sheet No. I' 614-2
Hydrographic }

LOCALITY

TYBEE ROADS

WRIGHT RIVER

1934

CHIEF OF PARTY

C. A. Egner

U. S. GOVERNMENT PRINTING OFFICE: 1928

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DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

U. S. COAST AND GEODETIC SURVEY
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NOV 30 1934

Acc. No. _____

REG. NO. 61402

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. I'

REGISTER NO. 61402

State. SOUTH CAROLINA

General locality. TYBEE ROADS GEORGIA

Locality. WRIGHT 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.

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 HYDROGRAPHIC AND TOPOGRAPHIC
CONTROL ONLY.

...

DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET

FIELD: I'

PROJECT: F. P. 4

PARTY: NO. 23

YEAR: 1934

STATE: SOUTH CAROLINA

GENERAL LOCALITY: SAVANNAH, GEORGIA

LOCALITY: WRIGHT RIVER

ADJOINS SHEETS: Z, H', C', B'

SHEET ON REVERSE SIDE: H'

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: J. G. P.

INSTRUMENTS USED:

The usual plane table equipment.

METHODS:

Practically all stations were located by intersection from triangulation established in the locality, supplemented in a few cases by stadia readings, and by cuts taken from 3-point setups. High water line and marsh grass line was rodged 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. In addition, numerous stations were marked by 4"x 4" cypress posts 8' long driven in the ground with about 1' protruding. These stations were selected at representative points throughout the sheet.

LANDMARKS:

Only one worthy of the name occurs on this sheet (except those previously located) which is Beacon NO. 10 at the north entrance to Field's Cut. It has 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.

VERTICAL CONTROL:

None.

MAGNETIC MERIDIAN:

Taken from setup at triangulation station SCRAGGLY on August 24, 1934.

METHOD OF TRANSFER OF SIGNALS TO HYDROGRAPHIC SHEET:

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

CHANGES SINCE PREVIOUS SURVEYS:

Since shoreline 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. Probably the largest change is the filling in, through natural causes, of loop in Wright River about one and a half miles northwest from north entrance to Field's Cut. It is apparent from the nature of the country that many minor discrepancies will be noted when this sheet is supplemented by the photographs.

MISCELLANEOUS:

A line of signals in range was established running in a northwesterly and southeasterly direction with triangulation station SCRAGGLY as the controlling signal on the southeast end, this line includes signals GO, MUG, PAL, CUP, and FUN. This line was established because it gives the maximum control with the minimum number of signals.

Respectfully submitted

Approved and forwarded

Guy R. Dietz
C. H. G. S.

LIST OF RECOVERABLE STATIONS

TOPO SHEET I'

NAME		LATITUDE		LONGITUDE	
	o ' METERS		o ' METERS		DESCRIPTION
		440		19	
Dec	32-05 (-1408)		80-56 (-1554)		Bn. #10 N. end Fields Cut.
		486			
Fun	32-07 (-1362)		80-58 1391		4"x 4"x 8' cypress hub
		1493		1363	
Pal	32-06 (-355)		80-57 (210)		4"x 4"x 8' cypress hub
		625		1274	
Go	32-06 (-1223)		80-56 (-299)		4"x 4"x 8' cypress hub

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS

SAVANNAH, GEORGIA

SEPTEMBER 4, _____, 193 4

DIRECTOR, U.S. COAST AND GEODETIC SURVEY:

The following determined objects are prominent, can be readily distinguished from seaward from the description given below, and should be charted:

C. A. EGNER

Chief of Party.

[illegible]

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 identification. 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, flagstuffs and like objects are not sufficiently permanent to chart.

Review of T 6140a

This sheet has been examined in connection with
air photo compilations T 5134.

The projections and reference stations ^{and detailed stations} were checked
and found correct. See review T 5136 for
detailed discussion.

L. C. Landy
- Bggover

6140b

U. S. COAST & GEODETIC SURVEY
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DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patton, Director

State: SOUTH CAROLINA

DESCRIPTIVE REPORT

Topographic
Hydrographic

Sheet No. H' 6140b

LOCALITY

TYBEE ISLAND

NEW RIVER

193 4

CHIEF OF PARTY

C. A. Egner

U. S. GOVERNMENT PRINTING OFFICE: 1923

6140b

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY
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Acc. No. _____

REG. NO.

6140b

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. H!

REGISTER NO. 6140b

State SOUTH CAROLINA

General locality STYBEE ROAD GEORGIA

Locality NEW 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 _____

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 HYDROGRAPHIC
CONTROL ONLY.

DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET

FIELD: H'

PROJECT: F. P. 4

PARTY: NO 23

YEAR: 1934

STATE: SOUTH CAROLINA

GENERAL LOCALITY: SAVANNAH, GEORGIA

LOCALITY: NEW RIVER

ADJOINS SHEETS: Y, Z, I', B'

SHEET ON REVERSE SIDE: I'

SCALE: 1/10,000

DATUM: N. A. 1927

CHIEF OF PARTY: C. A. EGNER

TOPOGRAPHER: G. R. DIETZ

DATE OF INSTRUCTIONS: DECEMBER 4, 1933

INKED BY: J. G. P.

INSTRUMENTS USED:

The usual plane table equipment.

METHODS:

Practically all stations were located by intersection from triangulation established in the locality, supplemented in a few cases by stadia readings, and by cuts taken from 3-point setups. High water line and marsh grass line 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". In addition, numerous stations were marked by distinctive blazes on trees, or by 4"x 4" cypress posts 8' long driven in the ground with about 1' protruding. These stations were selected at representative points throughout the sheet.

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 posts and blazes.

GEOGRAPHIC NAMES:

The present charted names have been used as those are the accepted local names.

MAGNETIC MERIDIAN:

Taken from setup at triangulation station COW on August 21, 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 shoreline was not required on this sheet except in fragmentary pieces, it is difficult to say what changes have taken place since the last survey. Due to the nature of the locality it is thought that many minor discrepancies will be noted when this sheet is supplemented by the photographs.

MISCELLANEOUS:

It was found that Beacon No. 6 Walls Cut had washed out and had been moved to a new position which has been duly recorded in recovery notes.

A line of signals in range was established running in a north and south direction between triangulation station RAM U.S.E. and Beacon NO. 6 Walls Cut. This line includes signals TAX, BLU, ARM, and HUB. Another line was established in range running east and west and including signals FLAG, CROS, AL, PEN, FAT, and KEY. These lines were established because they gave a maximum amount of control with a minimum number of signals.

Respectfully submitted

Approved and forwarded

C. E. Quinn
Chief of Party

Guy R. Dietz

DESCRIPTION OF RECOVERABLE STATIONS

TOPOGRAPHIC SHEET H'

NAME		LATITUDE		LONGITUDE		DESCRIPTION
	o ' "	METERS	o ' "	METERS		
Al	32-05	388 (-1460)	80-54	28 (-1545)		4"x 4"x 8' cypress hub
Fat	32-05	1434 (-1705)	80-52	1334 (-239)		4"x 4" x 8' cypress hub
South*	32-05	1582 (-266)	80-53	1540 (-33)		S.E. corner Ward's dock S.E. end Daufuskie Island
Dock*	32-05	1710 (-138)	80-53	1423 (-150)		S. W. end of N. Fripp's dock S. W. end Daufuskie Island
Roy	32-06	506	80-53	1077 (-496)		3 m. E. of S.W. corner Beaufort-Savannah line dock at the S.W. end of Daufuskie Island
Lee	32-06	574	80-53	1060 (-513)		S. gable oyster house Stetewich dock S.W. end Daufuskie Id.
Leg	32-05	979 (-869)	80-54	844 (-729)		4"x 4"x 8' cypress hub.
Blu	32-06	353	80-54	350 (-1223)		4"x 4"x 8' cypress hub

* see airphoto compilation T 5213 and review of T 5213 for photo locations of South and Dock. Photo locations differ by 12 meters and are accepted as correct for reasons given in the review of T 5213

B.g. Jones

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

H'

LANDMARKS FOR CHARTS

SAVANNAH, GEORGIA

SEPTEMBER 4, 1934

DIRECTOR, U.S. COAST AND GEODETIC SURVEY:

The following determined objects are prominent, can be readily distinguished from seaward from the description given below, and should be charted:

C. A. EGNER

Chief of Party.

DESCRIPTION	POSITION					METHOD OF DETERMINATION	CHARTS AFFECTED		
	LATITUDE		LONGITUDE		DATUM				
	°	'	D.M. METERS	°				'	D.P. METERS
(S.W. corner of E.G. Ward's dock in New R. at S.W. end of Daufuskie Id.)			1582		1540	N.A.			
* SOUTH	32	05	(-266)	80	53	(-33)	1927	Topo.	1240, 440
(S.W. corner of N. Fripp's dock in New R. at S.W. end of Daufuskie Island)			1710		1423				
DOCK	32	05	(-138)	80	53	(-150)	"	"	" "
(3 m. E. of S. W. corner of the Beaufort-Savannah Line dock in New R. at S.W. end of Daufuskie Island.)					1077				
ROY	32	06	506	80	53	(-496)	"	"	" "
(Peak of S. Gable of oyster house on Setewich's dock in New R. at the S.W. end of Daufuskie Island.)					1060				
LEE	32	06	574	80	53	(-513)	"	"	" "
<i>* See air photo compilation T 5213 and review of T 5213 for photo locations of "South" and "Dock". Photo locations differ by 12 meters and are accepted as correct for reasons given in the review B.G. Jones</i>									

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 identification. 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.

Review of T 61406

This sheet has been examined in connection with air photo compilation T 5134. The projection, described stations and reference stations were checked and found correct. For detailed discussion see Review T 5134

L. C. Lande
/ B. G. Jones