

6102  
6103

U. S. COAST & GEODETIC SURVEY  
LIBRARY AND ARCHIVES

OCT 9 1934

Acc. No. \_\_\_\_\_

Form 504  
Ed. June, 1928

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

State: South Carolina

DESCRIPTIVE REPORT

~~Topographic~~  
~~Hydrographic~~

Sheet No. A&B

6102  
6103

LOCALITY

Beaufort River

Port Royal ~~Sound~~ *Island*

19 33

CHIEF OF PARTY

I. E. Rittenburg.

U. S. GOVERNMENT PRINTING OFFICE: 1928

6102  
6103

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY  
LIBRARY AND ARCHIVES

FEB 1 1934

REG. NO.

Acc. No. \_\_\_\_\_

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form,  
filled in as completely as possible, when the sheet is for-  
warded to the Office.

6102

Field No. A

REGISTER NO. 6102

State South Carolina

General locality Port Royal Island

Locality Beaufort River

Scale 1/10000 Date of survey Dec. 1933, 19

Vessel Shore Party # 15

Chief of party I. E. Rittenburg

Surveyed by H. S. Cole

Inked by H. S. Cole

Heights in feet above \_\_\_\_\_ to ground to tops of trees

Contour, Approximate contour, Form line interval \_\_\_\_\_ feet

Instructions dated Nov. 2, 1933, 19

Remarks: \_\_\_\_\_

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY LIBRARY AND ARCHIVES	REG. NO.
FEB 1 1934	
Acc. No.	03

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. B

REGISTER NO. 6103

State South Carolina

General locality Port Royal Island

Locality Beaufort River

Scale 1/10000 Date of survey Dec. 1933, 19

Vessel Shore Party # 15

Chief of party I. E. Rittenburg

Surveyed by J. A. McCormick

Inked by A. O. Dority

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated Nov. 2, 1933, 19

Remarks:

FEB 1 1934

DESCRIPTIVE REPORT OF ACCOMPANY TOPOGRAPHIC SHEETS " A " AND " B "  
PROJECT H & T # 160.

Acc. No. \_\_\_\_\_

1 Date of Instructions

This work was done in accordance with instructions of Nov. 2, 1933

2 Area covered

These two sheets cover the location of signals in the Beaufort River from the S. entrance to Lat 30 - 24.8 N., Ballast Creek, Archer Creek and Battery Creek.

3 Surveys methods and control.

Control for these two sheets was based on the triangulation of 1931 1933. All supplemental signals were located by three intersections from triangulation stations or previously located topographic signals. No traverses were run. There were no triangles of error encountered on these two sheets. No shoreline was rodged as the shoreline detail is now in the process of compilation by an air photo reduction party Of Lieut. S. B. Grennel.

4 Landmarks for charts, list of recoverable topo signals.

A separate list is attached to this report covering the above two subjects.

I. E. Rittenburg, Lieut.,  
Coast & Geodetic Survey,  
Chief of Party.

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

## LANDMARKS FOR CHARTS

Beaufort, S. Car.

Jan. 26, 1934 ..... 193

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.

I. E. Rittenburg

Chief of Party.

DESCRIPTION	POSITION						METHOD OF DETER- MINATION	CHARTS AFFECTED	
	LATITUDE			LONGITUDE					DATUM
	°	'	D. M. METERS	°	'	D. P. METERS			
							W. A. 1927 Topo.	571, 1240	
With the exception of signals Kil and Hen all the landmarks have already been charted and those charted are still good.									
1) Silver steel Stack	32	21	390	80	41	339		Kil	
2) Brick Stack	32	22	777	80	42	608		Hen	

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.



LIST OF RECOVERABLE TOPOGRAPHIC SIGNAL AND AIR PHOT CONTROL POINTS.

NAME	DESC.	LAT.	LONG
PAD	Railroad Tank	32 <del>25</del> 738	80 42, 322
CAP	S.E.Gable of Warehouse on Dock	32 22 585	80 41 836
Bin	Lighted Beacon	32 22 192	80 41 124
Fat	Light on Draw Archers Creek Bridge	32 22 543	80 43 346
Hen	Brick Stack	32 21 <del>797</del>	80 41 <del>608</del>
Kil	Silver Steel Stack	32 21 390	80 41 339
Min	Stack at Marine Sta. Parris Island	32 21 65m	80 40 448
NUN	Tank at Marine Sta., Parris Island	32 21 586	80 40 23m
Pea	Steel Stack	32 20 861	80 40 196
How	Flag pole at Ballast Creek	32 20 614	80 40 43m
So	So. Gable E. Hanger Parris Island	32 20 575	80 40 354
Hik	Dirigible Mooring Mast	32 19 996	80 41 89m

All the above are suitable for air photo control points.