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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: S. Carolina

DESCRIPTIVE REPORT

Topographic

~~Hydrographic~~

Sheet No. ⁶⁰⁷⁵ N-2 6075

LOCALITY

Ashley River

Charleston

1934

CHIEF OF PARTY

M. O. Witherbee

U. S. GOVERNMENT PRINTING OFFICE: 1928

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DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

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

6075

Field No. H-2

REGISTER NO. 6075

State South Carolina

General locality Charleston, S. C.

Locality Ashley River

Scale 1/10,000 Date of survey February, March, 1934

Vessel Shore Party No. 2

Chief of party Lt. H. O. Witherbee

Surveyed by A. M. Weber

Inked by A. M. Weber

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated November 2, 1934

Remarks: Topography and descriptive report under direction
of Lt. H. O. Witherbee.

DESCRIPTIVE REPORT TO ACCOMPANY
ALUMINUM MOUNTED CONTROL SHEET
N 2

DATE OF INSTRUCTIONS - November 2, 1933.

SCOPE OF SURVEY - The purpose of this sheet was primarily to locate signals for hydrography. However, due to the removal of the steel towers at triangulation stations Lamb, Means, and Crummey, these signals were not available for use in orientation, three point fixes, resection, etc. Also, there were not enough triangulation stations from which signals were visible, to use the method of locating signals by cuts. It was therefore necessary to traverse the entire length of the river, taking direct rod readings on signals, and since there was not a great deal of additional work involved in rodding the shore line at the same time, this was done.

GENERAL DESCRIPTION OF TERRITORY - The entire shore line included on this sheet is marshy in character, with the exception of several small patches of wooded area. The marsh is covered with grass from 4 to 5 feet high.

LANDMARKS - No landmarks.

CHARACTER OF CONTROL USED - The control on this sheet was furnished by second and third order triangulation stations.

TRAVERSES - Three traverses were run, from station Run to station Lamb, a distance of 2510 meters, with a closing error of 8 meters; from station Han to station Mid, a distance of 3140 meters with a closing error of 11 meters; and from station Mid to station Crummey, a distance of 5550 meters with a closing error of 14 meters. A proportional adjustment, in accordance with the manual, was made on all shore line and signals located within these traverses.

SURVEYING METHODS USED - Stand^{ard} methods of plane table surveying were used. There were no off-lying features to be located.

FORM LINES - No form lines.

CHANGES IN PROMINENT OBJECTS - No changes in prominent objects.

INCOMPLETE WORK - In one place, a small section of shore line was sketched instead of rodged, and was shown on the sheet by a dashed line.

PROCEDURE DEVIATING FROM STANDARD PRACTICE - No procedure differing from standard practice.

AGREEMENT WITH ADJACENT WORK - No failure to join with adjacent work.

NEW NAMES - No new names.

LIST OF PLANE TABLE POSITIONS - No recoverable stations located by topography.

PHOTOGRAPHS OF APPARATUS - None.

CHANGES OF SHORELINE - No changes of shore line noted.

CHARACTER OF MARSH - The water does not flood back of the high water line in the marshes shown on this sheet. There is a pronounced bank at the edge of the grass, which is also the high water line.

Respectfully submitted by,

A. M. Weber
A. M. Weber

Lt. M. O. Witherbee,
Chief of Party
H. & G. Engineer

Forwarded by,

B. J. H. H. H. H.
Lt. Benjamin H. H. H.
Chief of Party.
H. & G. Engineer