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C. & G. SURVEY,  
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Department of Commerce  
COAST AND GEODETIC SURVEY

Superintendent.

State: *N. Carolina & S. Carolina*

DESCRIPTIVE REPORT.

*Hyd.* Sheet No. *3545*  
*3545*

LOCALITY:

*Little River Inlet  
to Bull Bay*

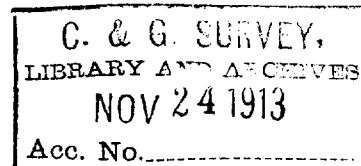
1913

CHIEF OF PARTY:

*W. A. Hodgkine*

11-4645

3545 - 3545 A



DESCRIPTIVE REPORT

to accompany Hydrographic Reconnaissance  
of Coast of South Carolina in December, 1911,  
platted on C. & G. Survey Charts 151, 152, and 153

Scale 1:80000

This work was intended as the beginning of the development of certain insufficiently sounded areas lying off shore between Little River and Bull Bay, as indicated on the copy of Chart No. 11 forwarded herewith.

The plan of work had included the building and determination of enough shore signals to enable the inshore ends of the sounding lines to be fixed by angles from the BACHE. As preliminary work, while waiting for suitable weather for making landings, the lines shown on these sheets were run by reference to the floating marks in the vicinity and to such shore objects as could be seen, the intention then being to determine the positions of the floating marks from the shore stations later on.

Circumstances, however, prevented the carrying out of this plan. Owing to the severity of the weather on the South Carolina coast that winter, the BACHE was ordered to proceed to Key West for additional examinations on the Florida Reefs and no subsequent opportunity was found for completing this work. The lower edge of this area was reached about the time when work was stopped in June, 1913, upon receipt of the Superintendent's instructions to proceed north for repairs to the BACHE.

Tides were observed at Georgetown Lighthouse wharf for a brief period. For the other days, the reductions were obtained by plating the tide curves for Cape Romain or for Charleston from the tide tables.

Respectfully submitted,

A handwritten signature in cursive script, reading "W. C. Hodgkins".

Chief of Party

To the Superintendent  
of the Coast and Geodetic Survey,  
Washington, D. C.

November 24, 1913.

# 3545

## STATISTICS OF WORK

Hydrographic Reconnaissance

Coast of South Carolina

Scale 1:80000  
1911

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Date 1911	Letter	Vol.	Miles	Soundings	Angles	Positions	Boat used
Dec. 11	A	1	39.72	410	14	72	BACHE
" 13	B	1	43.68	706	49	108	"
" 22	C	1	28.00	436		54	"
" 27	D	1	25.33	331		46	"
" 28	E	2	45.60	507		88	"
" 29	F	2	59.53	781		119	"
" 30	G	2	40.00	578		94	"
Totals	7	2	281.86	3749	63	581	

MKQ  
Dec. 18, 1918.

HYDROGRAPHIC SHEET 3545

Coast of South Carolina, by  
Assistant W. C. Hodgkins in 1911.

TIDES.

	Georgetown Light ft.
Mean low water, or plane of reference on staff	3.0
Lowest tide observed " "	1.2
Highest " " " "	9.4
Mean range of tide	3.5