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Department of Commerce and Labor  
COAST AND GEODETIC SURVEY

*O. H. Litzmann*  
Superintendent.

State: *Georgia*

DESCRIPTIVE REPORT.

Sheet No.

LOCALITY:

*About 40 miles off shore  
from St. Simons Whistling  
Buoy, Georgia*

190

CHIEF OF PARTY:

*P. A. Welker, Assist*

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ADDRESS ALL COMMUNICATIONS TO  
SUPERINTENDENT, COAST AND GEODETIC SURVEY  
WASHINGTON, D. C.

VEC

Department of Commerce and Labor  
COAST AND GEODETIC SURVEY  
Washington

*Grey Sir*

*H 728*

June 26, 1906.

Mr. Andrew Braid,

Assistant in charge of Office.

Sir:

In accordance with the request of Mr. D. M. Hildreth of the 21st instant, the reducers for soundings have been entered in the accompanying sounding book, Examination of Shoal 40 miles off shore from St. Simons Whistling Buoy, Georgia, by P. A. Welker, 1906. The tides were estimated for this work.

Respectfully yours,

*L. P. Shidy*

Chief of Tidal Division.

Sheet 728 Off St Simons Whistling Buoy

In plotting the work it was found that the St Light House St Simons - St Anacostee and Amelia used in locating the starting point had to be given new positions on sheet because of shifting in rebuilding. The angles for locating the starting point were reversed <sup>as recorded</sup> with these corrections the St Simons Whistling Buoy, the starting point and end of work - was found to agree with the distance given by the engineer, from St Simons L.H.

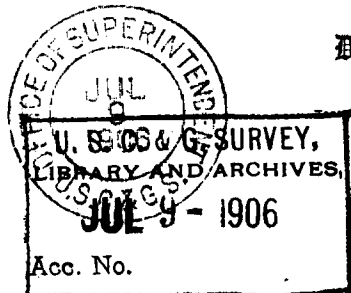
There is some doubt about how much and the direction in which the vessel moved between pos. 32-33 and 36-40, but assuming she was making the course given before these positions were reached, the line was plotted continuously from St Simons Whistling Buoy back to the same point with the result that the distance summed to agree perfectly, but the end of the line at pos. 50 plotted 9 miles ~~off~~ <sup>off</sup> W. from the starting point. Latitude was observed at pos. 46 which is given as  $31^{\circ} 08'$  but this first plotting pos 46 is in Lat.  $31^{\circ} 01' 45''$ . An adjustment was made to eliminate the error in the closing of the end of the line. In the corrected plotting, pos. 46 is in Latitude  $31^{\circ} 07' 45''$  instead of  $31^{\circ} 08' 00''$  as observed. The magnetic variation is East  $36'$  at Long.  $80^{\circ} 00'$  &  $1^{\circ}$  in Long.  $81^{\circ} 18'$

POST-OFFICE ADDRESS: Coast and Geodetic Survey Steamer "Bache",  
Number's Wharf, foot of Caroline St., Baltimore, Md.

TELEGRAPH ADDRESS:

EXPRESS OFFICE:

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Department of Commerce and Labor

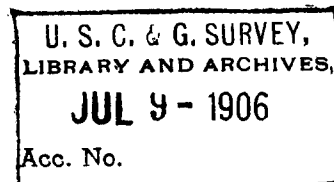
COAST AND GEODETIC SURVEY Str. "Bache",

Baltimore, Maryland,

ANSWERED June 27th, 1906.

JUL 10 1906

Library and Archives.



Mr. O. H. Tittmann,

Superintendent, Coast and Geodetic Survey,

Washington, D. C.

S i r :-

In obedience to Instructions and Memoranda for Descriptive Reports, 1887, I have the honor to submit the following report on Hydrographic Sheet No.

2. The work consists of an examination of the locality about 40 miles east of St. Simon Sound, Georgia, where a five fathom shoal had been reported.

3. For the purpose of making the examination a departure was taken from the St. Simon Whistling Buoy and the distance to the locality was run by log. The kite of the sub-marine sentry was set to the depth of 8 fathoms, approximately, east and west and north and south lines, as shown upon the sheet, were run, without finding the slightest indication of a shoal of the character reported.

4. Six astronomical determinations of the location of the vessel, during the progress of the work, were also obtained,

(2)

but on account of the uncertainty of such determinations from observations upon the sea horizon, it is thought that the locations of the lines by dead reckoning are more reliable.

5. No further descriptive report is considered necessary.

Very respectfully,

*P. a. Walker*

Assistant, C. & G. Survey,

Commanding.