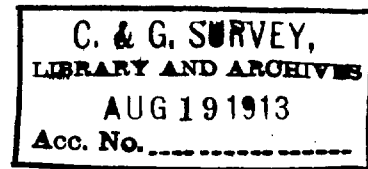


3522



Diag. Ch. No 1248

Department of Commerce and Labor  
COAST AND GEODETIC SURVEY

\_\_\_\_\_  
Superintendent.

State: *Florida*

DESCRIPTIVE REPORT.

\_\_\_\_\_  
Sheet No.

LOCALITY:

*Off Jupiter Inlet*

\_\_\_\_\_  
1913  
\_\_\_\_\_

CHIEF OF PARTY:

*H. C. Hodgkins*

11-4646

3522

DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY.  
O. H. TITTMANN, SUPERINTENDENT.

HYDROGRAPHY.  
Coast of Florida,  
Vicinity of Jupiter Inlet.

C. & G. S. STEAMER "BACHE".  
W. C. HODGKINS, Chief of Party.

Begun Apr. 1, 1913.

Ended Apr. 2, 1913.

Scale 1:20000.

Positions and soundings platted

by LEON A. POTTER.

*Aug 30, 13*

*checked & Verified by GPT*

Descriptive Report

to accompany Hydrographic Sheet No. *3522*.

Examination off Jupiter Inlet,

Florida.

Scale 1:20000.

Surveyed April 1 and 2, 1913,

by the party on the Steamer BACHE

under the command of Assistant W. C. HODGKINS.

This examination was made in consequence of reports to the effect that dangerously shoal spots existed in this vicinity.

Advantage was taken of the ship's presence in the locality to make a search for the supposed dangers but no indication of either was found.

The work was begun on April 1 by running two lines of soundings parallel to the beach and fixing the relative positions of several prominent objects on shore by bearings and readings of the patent log.

On the following morning, the heavy surf moderated enough to permit a landing and a signal was built at "Wilner 2", a station of the triangulation which was recovered.

The surf soon got so heavy that no other landing could be made, but use was made of the Standpipe, or Water tower, at Hobe Sound, which had been approximately located on the first day and which was subsequently fixed by triangulation.

As the wind and sea increased materially in the afternoon of April 2 and as no indication of any danger had been found, it was thought undesirable to delay longer and the ship therefore proceeded to Savannah to resume her regular work.

No tidal observations were made in connection with this work, but approximate reductions were taken from the tide tables and applied to the soundings.

Respectfully submitted

*W. C. Hodgkins*

Chief of Party.

To the Superintendent,

Coast and Geodetic Survey,

Washington, D. C.

August 12, 1913.

# STATISTICS.

Date 1913	Volume.	Letter.	Miles.	Soundings.	Angles.	Positions.	Boat.
Apr. 1	1	A	46.75	647	134	148	BACHE
" 2	1	B	20.73	286	310	86	"
Total	1	2	67.48	933	444	234	"

MKQ  
August 26, 1913.

HYDROGRAPHIC SHEET 3522.

Off Jupiter Inlet, Florida, by  
Assistant W. C. Hodgkins in 1913.

TIDES.

ft.

Predicted tides were used for  
reduction of soundings.

Mean low water, or plane of ref-  
erence below mean sea level 1.0

Mean range of tide 2.0