

3386

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Form 504
Rev. Dec. 1933
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

~~Topographic~~ } Sheet No. 3386
Hydrographic }

State Florida

LOCALITY

Florida Reefs

1912

CHIEF OF PARTY

W. C. Hodgkins

NEC
Dec. 20, 1912.

HYDROGRAPHIC SHEET 3386.

C. & G. SURVEY,
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Florida Reefs, Florida, by Assistant W. C.

Hodgkins in 1912.

TIDES.

	Rebecca Shoal Light
	ft.
Mean low water, or plane of reference on staff	2.1
Lowest tide observed " "	0.8
Highest " " " "	4.6
Mean range of tide	1.1

Department of Commerce and Labor

Hydrographic Sheets 3384, 3385, 3386, & 3387

The hydrography of these sheets covers the area between Marquesas Keys and Rebecca Shoal, Florida Reefs.

The positions on the different sheets were plotted in the field and finally supplemented by soundings transferred from the General Sheet #3387, the work on which was performed by the process of dead reckoning. This method is always liable to be at fault, more or less, and a number of soundings, and in at least one case, a full line of soundings, that appeared doubtful, were rejected.

Soundings were plotted in feet, the shallowest place reported (11 feet) being in the vicinity of Rebecca Shoal (See Hyd^e 3386) The survey at the places covered is of sufficient density, the shallow spots, as it would be expected, developed more completely.

Comparing this survey with the previous work (Hyd^e 3300) the new work in a number of localities shows lesser depth.

In addition to the new work a number of soundings were transferred from the old work (Hyd^e 3300) to the different sheets, and are shown in red ink.

The work has not been systematically arranged, is somewhat mixed up, and the crossings are not as good as might have been expected.

J. B. Shklaric

Verified - J. D. Torrey