

3385

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Diag. Chart No. 1252-2

Department of Commerce and Labor
COAST AND GEODETIC SURVEY

O. H. Tittmann
Superintendent.

State: *Florida*

DESCRIPTIVE REPORT.

Hyd. Sheet No. *3385*

LOCALITY:

Florida Reefs
Florida.

1912

CHIEF OF PARTY:

W. C. Hodgkins.

11-4845

3385

YAU
Dec. 20, 1913.

HYDROGRAPHIC SHEET 3385.

Florida Reefs, Florida, by Assistant W. C. Hodgkins
in 1913.

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