

544

Diag. Cht. No. 5530-1

Form 504  
Ed. June, 1928

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY  
....., Director

State: California

G. & G. SURVEY  
L. & A.  
JUN 16 1930  
Acc. No.

DESCRIPTIVE REPORT

~~Topographic~~ } Sheet No. 544  
Hydrographic }

LOCALITY

Mare Island Strait

191856

CHIEF OF PARTY

J. Alden

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41/VFB

August 17, 1928.

See letter from T. & C. dated June 11, 1930

To: Lieut. Commander, G. T. Rude,  
Chief, Division of Tides and Currents.

From: L. P. Shidy, Computer.

Subject: Planes of References on Hydrographic Sheets 236 and 544.

In accordance with your verbal instructions of the 15th instant, I have examined the sounding records for hydrographic sheets 236 and 544, Mare Island Strait, California, and submit the following report.

On hydrographic sheet 236, there was originally no date, and some one has added in red pencil the year 1850; but from the volumes of soundings and tides, I find that the work was done in November, 1849, and the date on this sheet should be corrected. The soundings were reduced to the mean of 11 low waters, including 5 lower low and 6 higher low waters, which would make approximate mean low water, as stated on this hydrographic sheet. In order to reduce the soundings to our present plane of reference, mean lower low water, subtract 1.0 foot from each sounding on sheet 236.

On hydrographic sheet 544, the work was done in April and May, 1856, the date on this sheet being correct. The soundings were reduced to the mean of 17 lower low waters, and the expression on this sheet "The mean of the lowest low water of each 24 hours" is to be considered as having the same meaning as "Mean lower low water". No change is required in the soundings on hydrographic sheet 544.

I transmit herewith hydrographic sheets 236 and 544.

L. P. Shidy  
Computer.

Aug. 17, 1928.

Approved, and referred to the Section of  
Field Records.

G. T. Rude  
Chief, Division of Tides and Currents



