

1461

Diag. Cht. No. 5302-1

1461

Form 504
Ed. June, 1928

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

....., Director

State: California

DESCRIPTIVE REPORT

~~Hydrographic~~ } Sheet No. 1461
Hydrographic }

LOCALITY

South of San Luis Obispo Bay

~~XK~~ 1879

CHIEF OF PARTY

E.H.C.Lentze, U.S.N.

34-EG.

DEPARTMENT OF COMMERCE
U. S. Coast and Geodetic Survey
Washington

May 9, 1933.


To: The Chief,
Division of Charts.

From: The Chief,
Division of Tides and Currents.

Subject: Plane of Reference - Hydrographic Sheet No. 1461.

The plane of reference for Hydrographic Sheet No. 1461 is based on tidal observations at Gaviota, California, from October 21 to December 30, 1879. The tabulations have been examined and from a comparison with predicted tides for San Diego, California, the plane of reference used on the Hydrographic Sheet (2.06 feet) is found to check with the best determination of the plane of mean lower low water within 0.3 foot, which is the allowable error for the reduction of soundings.

The notation on the sheet under "Tides" should be corrected to read "mean lower low water" (plane of reference) 2.06. Mean rise and fall 6.93 feet is clearly in error, the accepted mean range at Gaviota being only 3.6 feet.


Chief, Division of Tides and Currents.