

806

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

OCT 18 1932

Acc. No. _____

Diag. Cht. No. 5502-1

Form 504
Ed. June, 1928

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

State: California

DESCRIPTIVE REPORT

~~Topographic~~ } Sheet No. 806
Hydrographic }

LOCALITY

Bodega Bay and Roadstead
Bodega Head to Tomales Pt.

1862

CHIEF OF PARTY

B. F. Sands

EG-34

U. S. Coast and Geodetic Survey
Department of Commerce
Washington

October 10, 1932.

To: The Chief, Division of Charts.

From: The Chief, Division of Tides and Currents.

Subject: Plane of Reference for H. S. 806

According to the note on the sheet the soundings are expressed in feet as referred to the plane of mean low water. From an examination of the sounding volumes and tide records, it is found that the plane of reference is based on the average of 10 lower low waters observed at Bodega Head from August 15 to August 25, 1862. This series has now been compared with simultaneous observations at Fort Point which gives a corrected mean lower low water approximately 1/2 foot lower than the plane of reference used. Therefore, 1/2 foot should be subtracted from the soundings on H. S. 806 in order to refer them to the corrected plane of mean lower low water.

Paul Schurman

Acting Chief, Division of Tides and Currents.