



**UNITED STATES DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
National Ocean Service  
Silver Spring, Maryland 20910

**PROVISIONAL TIDE NOTE FOR HYDROGRAPHIC SURVEY**

**DATE :** November 17, 2017

**HYDROGRAPHIC BRANCH:** Pacific  
**HYDROGRAPHIC PROJECT:** OPR-L397-RA-2017  
**HYDROGRAPHIC SHEET:** D00228

**LOCALITY:** Santa Cruz Basin to Santa Cruz Canyon and Vicinity,  
Channel Islands National Marine Sanctuary

**TIME PERIOD:** October 8 - 22, 2017

**TIDE STATION USED:** Los Angeles, CA 9410660  
Lat. 33° 43.2' N Long. 118° 16.4' W

**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 1.448 meters

**TIDE STATION USED:** Santa Monica, CA 9410840  
Lat. 34° 0.5' N Long. 118° 30' W

**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 1.428 meters

**TIDE STATION USED:** Santa Barbara, CA 9411340  
Lat. 34° 24.2' N Long. 119° 41.6' W

**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 1.415 meters

**TIDE STATION USED:** Oil Platform Harvest, CA 9411406  
Lat. 34° 28.1' N Long. 120° 40.9' W

**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 1.373 meters

**TIDE STATION USED:** Port San Luis, CA 9412110  
Lat. 35° 10.1' N Long. 120° 45.2' W

**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 1.408 meters

**TIDE STATION USED:** Monterey, CA 9413450  
Lat. 36° 36.3' N Long. 121° 53.3' W

**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 1.412 meters

