



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

**TIDE NOTE FOR HYDROGRAPHIC SURVEY**

**DATE :** November 15, 2013

**HYDROGRAPHIC BRANCH:** Pacific  
**HYDROGRAPHIC PROJECT:** OPR-L318-FA-2013  
**HYDROGRAPHIC SHEET:** H12619

**LOCALITY:** Approaches to San Pedro, Long Beach, CA  
**TIME PERIOD:** September 19 - November 03, 2013

**TIDE STATION USED:** 9410660 Los Angeles, CA  
Lat. 33° 43.2'N Long. 118° 16.3' W

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

**REMARKS: RECOMMENDED ZONING**

Preliminary zoning is accepted as the final zoning for project OPR-L318-FA-2013, H12619, during the time period between September 19 - November 03, 2013.

Please use the zoning file L318FA2013CORP\_Rev submitted with the project instructions for OPR-L318-FA-2013. Zone PAC9 is the applicable zone for H12619.

**Refer to attachments for zoning information.**

**Note 1:** Provided time series data are tabulated in metric units (meters), relative to MLLW and on Greenwich Mean Time on the 1983-2001 National Tidal Datum Epoch (NTDE).

**HOVIS.GERALD.THOMAS.1365860250**

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CHIEF, PRODUCTS AND SERVICES BRANCH

