



**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:** H12618

**LOCALITY:** Long Beach, CA  
**TIME PERIOD:** September 26 - November 04, 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, H12618, during the time period between September 26 - November 04, 2013.

Please use the zoning file L318FA2013CORP\_Rev submitted with the project instructions for OPR-L318-FA-2013. Zones PAC9 and PAC9A are the applicable zones for H12618.

**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.T**  
**HOMAS.1365860**  
**250**

Digitally signed by  
HOVIS.GERALD.THOMAS.1365860250  
DN: c=US, o=U.S. Government, ou=DoD,  
ou=PKI, ou=OTHER,  
cn=HOVIS.GERALD.THOMAS.1365860250  
Date: 2013.11.19 12:11:32 -05'00'

CHIEF, PRODUCTS AND SERVICES BRANCH

