



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

**TIDE NOTE FOR HYDROGRAPHIC SURVEY**

**DATE :** October 18, 2011

**HYDROGRAPHIC BRANCH:** Pacific  
**HYDROGRAPHIC PROJECT:** OPR-O190-RA-2011  
**HYDROGRAPHIC SHEET:** H12289

**LOCALITY:** Portillo Channel to Pt. Cocos, AK  
**TIME PERIOD:** September 22 - October 16, 2011

**TIDE STATION USED:** 945-1600 Sitka, AK  
Lat. 57° 03.1'N Long. 135° 20.5' W

**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 2.791 meters

**REMARKS: RECOMMENDED ZONING**

Preliminary zoning is accepted as the final zoning for project OPR-O190-RA-2011, H12289, during the time period between September 22 and October 16, 2011.

Please use the zoning file "O190RA2011CORP" submitted with the project instructions for OPR-O190-RA-2011. Zones PAC296, SA227 & SA250 are the applicable zones for H12289.

**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).

**Gerald  
Hovis**

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CHIEF, PRODUCTS AND SERVICES BRANCH

