



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

**TIDE NOTE FOR HYDROGRAPHIC SURVEY**

**DATE :** July 13, 2011

**HYDROGRAPHIC BRANCH:** Pacific  
**HYDROGRAPHIC PROJECT:** OPR-P136-FA-2011  
**HYDROGRAPHIC SHEET:** H12320

**LOCALITY:** Narrow Strait to Marmot Bay, North Coast of Kodiak Island, AK  
**TIME PERIOD:** June 16 - July 1, 2011

**TIDE STATION USED:** 945-7292 Kodiak Island, AK  
Lat. 57° 43.9' N Long. 152° 30.7' W

**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 2.397 meters

**REMARKS: RECOMMENDED ZONING**

Preliminary zoning is accepted as the final zoning for project OPR-P136-FA-2011, H12320, during the time period between June 16 - July 1, 2011.

Please use the zoning file "P136FA2011CORP" submitted with the project instructions for North Coast of Kodiak Island. Zones SWA98, SWA98A and SWA106A are the applicable zones for H12320.

**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

