



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE : October 7, 2008

HYDROGRAPHIC BRANCH: Pacific
HYDROGRAPHIC PROJECT: OPR-N338-RA-2008
HYDROGRAPHIC SHEET: H11927

LOCALITY: Tongue Pt. to Harrington Pt., Approaches to Warrenton, OR
TIME PERIOD: September 15 -23, 2008

TIDE STATION USED: 943-9040 Astoria, OR
Lat. 46° 12.4'N Long. 123° 46.1' W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 2.418 meters

REMARKS: RECOMMENDED ZONING

Preliminary zoning is accepted as the final zoning for project OPR-N338-RA-2008, H11927, during the time period between September 15 and 23, 2008

Please use the zoning file "N338RA2008CORP" submitted with the project instructions for OPR-N338-RA-2008. Zones CR15, CR16, CR17, CR18 and CR19 are the applicable zones for H11927.

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).

Peter J. Stone

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CHIEF, OCEANOGRAPHIC DIVISION

