



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE : October 16, 2007

HYDROGRAPHIC BRANCH: Pacific
HYDROGRAPHIC PROJECT: OPR-N338-RA-2007
HYDROGRAPHIC SHEET: H11727

LOCALITY: Cliff Point to Tongue Point, OR
TIME PERIOD: August 18 - October 2, 2007

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-2007, H11727, during the time period between August 18 and October 2, 2007.

Please use the zoning file "N338RA2007CORP_Rev" submitted with the project instructions for Approaches to Warrenton, OR. Zones CR13, CR14, CR15, & CR16 are the applicable zones for H11727.

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**

Digitally signed by Peter J. Stone
DN: cn=Peter J. Stone, c=US, o=CO-
OPS, ou=NOAA/NOS, email=peter.
stone@noaa.gov
Reason: I am approving this document
Date: 2007.10.23 07:17:28 -04'00'

CHIEF, PRODUCT AND SERVICES DIVISION

