



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE : December 15, 2014

HYDROGRAPHIC BRANCH: Pacific
HYDROGRAPHIC PROJECT: OPR-N305-RA-2014
HYDROGRAPHIC SHEET: H12623

LOCALITY: Protection Island and Dallas Bank, WA
TIME PERIOD: October 29 - November 17, 2014

TIDE STATION USED: Port Angeles, WA 944-4090
Lat. 48° 7.5' N Long. 123° 26.5' W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 1.987 meters

TIDE STATION USED: Port Townsend, WA 944-4900
Lat. 48° 6.7' N Long. 122° 45.5' W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 2.389 meters

Tide STATION USED: Friday Harbor, WA 9449880
Lat. 48° 32.7' Long. 123° 0.8' W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 2.167 meters

REMARKS: RECOMMENDED GRID

Please use the TCARI grid "N305RA2014_final.tc" as the final grid for project OPR-N305-RA-2014, H12623, during the time period between October 29 and November 17, 2014.

Refer to attachments for grid 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).

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CHIEF, PRODUCTS AND SERVICES BRANCH

