



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

**TIDE NOTE FOR HYDROGRAPHIC SURVEY**

**DATE :** October 17, 2018

**HYDROGRAPHIC BRANCH:** Pacific

**HYDROGRAPHIC PROJECT:** OPR-N305-FA-18

**HYDROGRAPHIC SHEET:** H12993 and H12994

**LOCALITY:** Holmes Harbor to Elger Bay; Vicinity of Hansville, WA

**TIME PERIOD:** September 27 - October 06, 2018

**TIDE STATION USED:** 9444900 Port Townsend, WA

Lat. 48° 6.8' N Long. 122° 45.6' 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:** 9447130 Seattle, WA

Lat. 47° 36.1' N Long. 122° 20.3' W

**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters

**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 3.199 meters

**REMARKS: RECOMMENDED GRID**

Please use the TCARI grid "H12993\_H12994.tc" as the final grid for project OPR-N305-FA-18, Registry Nos. H12993 & H12994, during the time period September 27 - October 06, 2018.

**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).

**Note 2:** Due to an inaccurate shoreline, survey track lines fall outside of the TCARI grid boundaries in some areas. TCARI will extrapolate the tide corrector to cover these soundings.

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CHIEF, PRODUCTS AND SERVICES BRANCH

