



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

**TIDE NOTE FOR HYDROGRAPHIC SURVEY**

**DATE :** January 28, 2016

**HYDROGRAPHIC BRANCH:** Alaska  
**HYDROGRAPHIC PROJECT:** OPR-S327-RA-2015  
**HYDROGRAPHIC SHEET:** H12819

**LOCALITY:** NW Portion of Goodhope Bay, Kotzebue Sound, AK  
**TIME PERIOD:** June 26 - August 8, 2015

**TIDE STATION USED:** 9491094 Red Dog Dock, AK  
Lat. 67° 34.6' N Long. 164° 03.9' W

**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 0.240 meters

**TIDE STATION USED:** 9490424 Kotzebue, AK  
Lat. 66° 54.3' N Long. 162° 35.0' W

**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 0.192 meters

**TIDE STATION USED:** 9490096 Cape Espenberg, AK  
Lat. 66° 35.1' Long. 164° 15.06'

**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 0.27 meters

**TIDE STATION USED:** 9469833 Goodhope Bay, AK  
Lat. 66° 13.8' Long. 163° 54.3'

**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 0.477 meters

**REMARKS: RECOMMENDED Grid**

Please use the TCARI grid "S327FARA2015\_Final.tc" as the final grid for project OPR-S327-RA-2015, H12819, during the time period between June 26 and August 8, 2015.

**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:** Tidal datums at Goodhope Bay and Cape Espenberg are provisional due to higher uncertainties resulting from either a lack of benchmarks or data processing that accounted for gauge slippage events.

**HOVIS.GERALD.THOMAS.JR.1365860250**

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CHIEF, PRODUCTS AND SERVICES BRANCH

