



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

**PROVISIONAL TIDE NOTE FOR HYDROGRAPHIC SURVEY**

**DATE :** December 2, 2016

**HYDROGRAPHIC BRANCH:** Atlantic  
**HYDROGRAPHIC PROJECT:** OPR-A366-KR-2016  
**HYDROGRAPHIC SHEET:** H12886

**LOCALITY:** North Have Island & Vinalhaven Island, Penobscot Bay  
**TIME PERIOD:** July 21 - September 30, 2016

**TIDE STATION USED:** 8413320 Bar Harbor, ME  
Lat. 44° 23.5' N Long. 68° 12.3' W  
**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 3.336 meters

**TIDE STATION USED:** 8418150 Portland, ME  
Lat. 43° 39.4' N Long. 70° 14.8' W  
**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 2.886 meters

**REMARKS: RECOMMENDED GRID**

Please use the TCARI grid "A366KR2016\_FINAL.tc" as the final grid for project OPR-A366-KR-2016, Registry No. H12886, during the time period between July 21 and September 30, 2016.

**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:** Annual leveling for Bar Harbor, ME (841-3320) was not completed in the past year. A review of the verified leveling records from August 2006 to June 2015 shows the tide station benchmark network to be stable within an allowable 0.009 m tolerance. This Tide Note may be used as final stability verification for survey OPR-A366-KR-2016, H12886. CO-OPS will immediately provide a revised Tide Note should subsequent leveling records indicate any benchmark network stability movement beyond the allowable 0.009 m tolerance.

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CHIEF, PRODUCTS AND SERVICES BRANCH

