



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

**TIDE NOTE FOR HYDROGRAPHIC SURVEY**

**DATE :** October 28, 2011

**HYDROGRAPHIC BRANCH:** Pacific  
**HYDROGRAPHIC PROJECT:** OPR-B301-NRT5-2011  
**HYDROGRAPHIC SHEET:** H12324

**LOCALITY:** Approaches to the East and West Passage, Narragansett Bay, RI  
**TIME PERIOD:** June 27 - October 11, 2011

**TIDE STATION USED:** Newport, RI 845-2660  
Lat. 41° 30.3' N Long. 71° 19.6' W

**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 1.099 meters

**TIDE STATION USED:** Quonset Point, RI 845-4049  
Lat. 41° 35.2' N Long. 71° 24.7' W

**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 1.174 meters

**REMARKS: RECOMMENDED GRID**

Please use the TCARI grid "B301NRT52011.tc" as the final grid for project OPR-B301-NRT5-2011, H12324, during the time period between June 27 - October 11, 2011.

**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 inaccurate shoreline around Narragansett Bay, survey tracklines fall outside of the TCARI grid boundaries in some areas. TCARI will extrapolate the tide corrector to cover these soundings.

**Gerald Hovis**

Digitally signed by Gerald Hovis  
DN: cn=Gerald Hovis, o=Center for Operational  
Oceanographic Products and Services, ou=NOAA/NOS/  
CO-OPS/OD/PSB, email=gerald.hovis@noaa.gov, c=US  
Date: 2011.11.02 15:00:49 -04'00'

CHIEF, PRODUCTS AND SERVICES BRANCH

