



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

**TIDE NOTE FOR HYDROGRAPHIC SURVEY**

**DATE :** May 07, 2012

**HYDROGRAPHIC BRANCH:** Atlantic  
**HYDROGRAPHIC PROJECT:** OPR-E350-TJ-2012  
**HYDROGRAPHIC SHEET:** H12421

**LOCALITY:** Approaches to Cherrystone Inlet, Southern Chesapeake Bay, VA  
**TIME PERIOD:** April 04 - May 01, 2012

**TIDE STATION USED:** Windmill Point, VA 863-6580  
Lat. 37° 37.0' N Long. 76° 17.4' W  
**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 0.384 meters

**TIDE STATION USED:** Yorktown, VA 863-7689  
Lat. 37° 13.6' N Long. 76° 28.7' W  
**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 0.727 meters

**Tide STATION USED:** Chesapeake Bay Bridge Tunnel, VA 863-8863  
Lat. 36° 58.0' Long. 76° 06.8' W  
**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 0.814 meters

**REMARKS: RECOMMENDED GRID**

Please use the TCARI grid "E350TJ2012.tc" as the final grid for project OPR-E350-TJ-2012, H12421, during the time period between April 04 - May 01, 2012

**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 Cape Charles Harbor, survey tracklines fall outside of the TCARI grid boundaries in some areas. TCARI will extrapolate the tide corrector to cover these soundings.

**Peter J. Stone**  
Digitally signed by Peter J. Stone  
DN: cn=Peter J. Stone, o=Oceanographic Division, ou=NOAA/  
NOS/CO-OPS, email=Peter.stone@noaa.gov, c=US  
Date: 2012.05.09 11:22:54 -04'00'

CHIEF, PRODUCTS AND SERVICES BRANCH

