



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

**TIDE NOTE FOR HYDROGRAPHIC SURVEY**

**DATE :** November 21, 2011

**HYDROGRAPHIC BRANCH:** Atlantic  
**HYDROGRAPHIC PROJECT:** OPR-D304-FH-2011  
**HYDROGRAPHIC SHEET:** H12346

**LOCALITY:** 15 NM East of Cape Charles, VA  
**TIME PERIOD:** July 13 - November 10, 2011

**TIDE STATION USED:** 865-1370 Duck, NC  
Lat. 36° 11.0'N Long. 75° 44.8' W

**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 1.027 meters

**REMARKS: RECOMMENDED ZONING**

Preliminary zoning is accepted as the final zoning for project OPR-D304-FH-2011, H12346, during the time period between July 13 and November 10, 2011.

Please use the zoning file "D304FH2011CORP" submitted with the project instructions for OPR-D304-FH-2011. Zones SA46, SA54 and SA55 are the applicable zones for H12346.

**Refer to attachments for zoning 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).

**Gerald  
Hovis**

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CHIEF, PRODUCTS AND SERVICES BRANCH

