



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

## TIDE NOTE FOR HYDROGRAPHIC SURVEY

**DATE :** November 13, 2009

**HYDROGRAPHIC BRANCH:** Atlantic  
**HYDROGRAPHIC PROJECT:** OPR-B310-TJ-2009  
**HYDROGRAPHIC SHEET:** H12158

**LOCALITY:** 14 NM East of Sandy Hook Pt., NY  
**TIME PERIOD:** October 21 - November 9, 2009

**TIDE STATION USED:** 853-1680 Sandy Hook, NJ  
Lat. 40° 28.0'N Long. 74° 0.6' W

**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 1.492 meters

### REMARKS: RECOMMENDED ZONING

Preliminary zoning is accepted as the final zoning for project OPR-B310-TJ-2009, H12158, during the time period between October 12 and November 9, 2009.

Please use the zoning file "B310TJ2009CORP\_Rev2" submitted with the project instructions for OPR-B310-TJ-2009. Zones SA2, SA3, SA13 and SA14 are the applicable zones for H12158.

**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).

**Peter J. Stone**

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CHIEF, OCEANOGRAPHIC DIVISION

