



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE : September 20, 2013

HYDROGRAPHIC BRANCH: Atlantic
HYDROGRAPHIC PROJECT: OPR-D332-TJ-2013
HYDROGRAPHIC SHEET: H12570

LOCALITY: Offshore East Cape Henlopen, Delaware Bay, DE
TIME PERIOD: June 30 - August 27, 2013

TIDE STATION USED: 853-4720 Atlantic City
Lat. 39° 23.1' N Long. 74° 25.1' W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 1.276 meters

TIDE STATION USED: 855-7380 LEWES, DE
Lat. 38° 46.9' N Long. 75° 07.2' W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 1.290 meters

REMARKS: RECOMMENDED ZONING

Preliminary zoning is accepted as the final zoning for project OPR-D332-TJ-2013, H12570, during the time period between June 30 - August 27, 2013. Please use the zoning file D332TJ2013CORP submitted with the project instructions for OPR-D332-TJ-2013. Zones DB1A, SA28, SA29, SA34, SA35, SA37, SA38 and SA44 are the applicable zones for H12570.

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: The FY13 Leveling documentation for Atlantic City, NJ (8534720) has not been received. A review of the verified leveling records from October 2002 - 2012 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 the purposes of survey OPR-D332-TJ-2013, H12570. 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

