



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

PROVISIONAL TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE : December 16, 2016

HYDROGRAPHIC BRANCH: Atlantic

HYDROGRAPHIC PROJECT: OPR-G309-FH-2016_ Revised3

HYDROGRAPHIC SHEET: H12930

LOCALITY: South Frying Pan Shoal, Approaches to Wilmington, NC

TIME PERIOD: August 18 - November 8, 2016

TIDE STATION USED: 8658163 Wrightsville Beach, NC

Lat. 34° 12.8'N Long. 77° 47.2' W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 1.206 meters

ESTIMATED ZONING ERROR: 0.37 meters

REMARKS: RECOMMENDED ZONING

Use zone(s) identified as: SA108, SA109A

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).

Note 2: Annual leveling for Wrightsville Beach, NC (8658163) was not completed in the past year. A review of the verified leveling records from October 2006 to October 2015 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 survey OPR-G309-FH-2016_Rev3, H12930. 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.

HOVIS.GERALD.THOMAS.JR.1365860250

Digitally signed by
HOVIS.GERALD.THOMAS.JR.1365860250
DN: c=US, o=U. S. Government, ou=DoD,
ou=PKI, ou=OTHER,
cn=HOVIS.GERALD.THOMAS.JR.1365860250
Date: 2016.12.20 11:16:12 -05'00'

CHIEF, PRODUCTS AND SERVICES BRANCH

