



UNITED STATES DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration  
NATIONAL OCEAN SERVICE  
Silver Spring, Maryland 20910

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: June 20, 2000

HYDROGRAPHIC BRANCH: Atlantic  
HYDROGRAPHIC PROJECT: OPR-E346-BH-2000  
HYDROGRAPHIC SHEET: H-10934

LOCALITY: Mouth of Potomac River, Chesapeake Bay, MD  
TIME PERIOD: October 12, 1999 - June 12, 2000

TIDE STATION USED: 863-5750 Lewisetta, Potomac River, MD  
Lat. 37° 59.8'N Lon. 76° 27.9'W

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

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 0.420 meters

REMARKS: RECOMMENDED ZONING

Use zone(s) identified as: POTR1, NCB9, NCB10, NCB11 & NCB12.

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.

Note 2: Preliminary analyses of the water levels at Lewisetta, VA (863-5750) indicate that, over a 21 month time period (5/1998 - 2/2000), the pier where the actual tide gauge is located may have undergone a vertical drift of up to 23 mm. Therefore, the six minute water level values given along with this tide note may be adjusted at a future date by up to 23 mm after further analyses are completed. This 23 mm uncertainty does not result in the tide reducers exceeding error budget specifications.

*Thomas R. Mero* 6/21/00  
CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION



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