



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: March 15, 1999

HYDROGRAPHIC BRANCH: Atlantic

HYDROGRAPHIC PROJECT: OPR-D902-AHP
HYDROGRAPHIC SHEET: F00442

LOCALITY: Delaware River, Vicinity Tacony-Palmyra Bridge

TIME PERIOD: July 7 - July 8, 1998

TIDE STATION USED: 854-5240 Philadelphia, PA

Lat. 39° 56.0'N Lon. 75° 08.5'W

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

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 1.981 meters

REMARKS: RECOMMENDED ZONING
Use zone(s) identified as: DB100.

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.

Fm *D. Skelly*

CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION

Final tide zone node point locations for OPR-D902-AHP-98,
F00442.

Format: Longitude in decimal degrees (negative value denotes
Longitude West),
Latitude in decimal degrees
Tide Station (in recommended order of use)
Average Time Correction (in minutes)
Range Correction

	Tide Station Order	AVG Time Correction	Range Correction
Zone DB100			
-75.072762 39.985516	854-5240	+24	1.03
-75.0643 39.979302			
-75.049456 39.992063			
-75.049137 39.994701			
-75.044422 39.99836			
-75.019117 40.011382			
-75.028177 40.022121			
-75.047016 40.01611			
-75.058816 40.006177			
-75.072762 39.985516			