



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: February 10, 2000

HYDROGRAPHIC BRANCH: Atlantic
HYDROGRAPHIC PROJECT: OPR-B330-RU-99
HYDROGRAPHIC SHEET: H-10937

LOCALITY: Lower Hudson River- 1 NM south of the George
Washington Bridge, NY/NJ
TIME PERIOD: September 19 - October 15, 1999

TIDE STATION USED: 851-8750 The Battery, NY
Lat. $40^{\circ} 42.0'N$ Lon. $74^{\circ} 0.9'W$
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 1.457 meters

REMARKS: RECOMMENDED ZONING

Use zone(s) identified as: HR3 & HR4.

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.

For -----
CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION



Final tide zone node point locations for OPR B330-RU-99,
Sheet H-10937.

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 HR3			
-73.991209 40.807877	851-8750	+36	0.90
-73.968462 40.854642			
-73.939917 40.849139			
-73.969814 40.800172			
-73.991209 40.807877			
Zone HR4			
-73.968462 40.854642	851-8750	+48	0.86
-73.929907 40.920626			
-73.905057 40.916163			
-73.92396 40.879819			
-73.925138 40.878671			
-73.926807 40.877264			
-73.939917 40.849139			
-73.968462 40.854642			