



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-10938

LOCALITY: Lower Hudson River- 2 NM south of the George
Washington Bridge, NY/NJ

TIME PERIOD: September 23 - October 14, 1999

TIDE STATION USED: 851-8750 The Battery, NY

Lat. 40° 42.0'N Lon. 74° 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: HR2 & HR3.

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



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Final tide zone node point locations for OPR B330-RU-99,
Sheet H-10938.

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 HR2			
-73.985064 40.778563	851-8750	+18	0.94
-74.003509 40.753182			
-74.029615 40.759375			
-74.007897 40.786878			
-73.991209 40.807877			
-73.969814 40.800172			
-73.985064 40.778563			
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			

GEOGRAPHIC NAMES

H-10938

Name on Survey	ON CHART NO. 12335 12341 ON PREVIOUS SURVEY NO.											
	A	B	C	D	E	F	G	H	K			
	CON U.S. QUADRANGLE MAPS FROM LOCAL INFORMATION ON LOCAL MAPS P.O. GUIDE OR MAP RAND McNALLY ATLAS U.S. LIGHT LIST											
DAYS POINT			X									1
DE WITT CLINTON PARK	X		X									2
EDGEWATER	X		X									3
GUTTENBERG	X		X									4
MANHATTANVILLE	X		X									5
NEW JERSEY	X		X									6
NEW YORK (title)	X		X									7
NEW YORK CITY	X		X									8
RIVERSIDE PARK	X		X									9
WEEHAWKEN	X		X									10
WEST NEW YORK	X		X									11
												12
												13
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Dennis J. Roush
JAN 10 2000

N/CS33-15-2000

LETTER TRANSMITTING DATA

DATA AS LISTED BELOW WERE FORWARDED TO YOU BY
(Check):

- ORDINARY MAIL
- AIR MAIL
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- GBL (Give number) _____

TO:

CHIEF, DATA CONTROL GROUP, N/CS3x1
 NOAA/NATIONAL OCEAN SERVICE
 STATION 6815, SSMC3
 1315 EAST-WEST HIGHWAY
 SILVER SPRING, MARYLAND 20910-3282

DATE FORWARDED

MAR 24, 2000

NUMBER OF PACKAGES

ONE TUBE

NOTE: A separate transmittal letter is to be used for each type of data, as tidal data, seismology, geomagnetism, etc. State the number of packages and include an executed copy of the transmittal letter in each package. In addition the original and one copy of the letter should be sent under separate cover. The copy will be returned as a receipt. This form should not be used for correspondence or transmitting accounting documents.

H10938

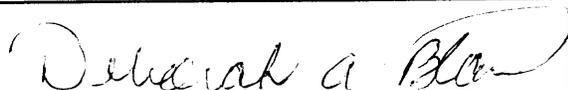
NEW YORK - NEW JERSEY, HUDSON RIVER, EDGEWATER TO WEEHAWKEN

(ONE) TUBE CONTAINING THE FOLLOWING:

- 1 SMOOTH SHEET FOR SURVEY H10938
- 1 ORIGINAL DESCRIPTIVE REPORT
- 2 DRAWING HISTORY FORMS (NOAA FORM #76-71) ONE EACH FOR NOS CHARTS 12335 AND 12341
- 1 RECORD OF APPLICATION TO CHART FORM (NOAA FORM #75-96) FOR SURVEY H10938
- 2 H-DRAWINGS - ONE EACH FOR NOS CHARTS 12335 AND 12341
- 3 COMPOSITE DRAWINGS - ONE FOR NOS CHART 12335 AND 2 FOR NOS CHART 12341

FROM: (Signature)

DEBORAH A. BLAND



RECEIVED THE ABOVE

(Name, Division, Date)

Return receipted copy to:

ATLANTIC HYDROGRAPHIC BRANCH
 N/CS33
 439 WEST YORK STREET
 NORFOLK, VA 23510-1114