



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SERVICE
Office of Ocean and Earth Sciences
Silver Spring, Maryland 20910

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: July 20, 1994

MARINE CENTER: Atlantic

HYDROGRAPHIC PROJECT: OPR-B902-RU

HYDROGRAPHIC SHEET: FE-396 (supercedes tide note of July 18, 1994)

LOCALITY: Connecticut Western Long Island Sound 1.6 NM south of the
Stamford Harbor Breakwater

TIME PERIOD: June 7 - 9, 1994

TIDE STATION USED: 846-8799 Long Neck Point, L.I. Sound, Ct.
Lat. $41^{\circ} 02.3'N$ Lon. $73^{\circ} 28.8'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 2.54 ft.

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 7.4 ft.

REMARKS: RECOMMENDED ZONING

Times and heights are direct on Long Neck Point, Ct. (846-8799).

- Notes: 1. Data is preliminary until vertical stability is verified through leveling.
2. Times are tabulated in Greenwich Mean Time.

CHIEF, DATUMS SECTION



G.6 a) The tidal datum for this field examination is mean lower low water. The operating tide station at Willits Point, New York (851-6990) served as direct control for datum determination. This station also served as the reference station for predicted tides. Data for predicted tides were provided on floppy disk before the start of the project.

b) Tidal data used during data acquisition were obtained from Table 2 of the East Coast of North and South America Tide Predictions, and applied to the digital tide data using the HDAPS software. As per the Project Instructions, the following time and height corrections were applied to the predicted tides at Willets Point during the acquisition and preliminary processing phases of this field examination:

time correction = -0 hours 30 minutes

height ratio = x 1.02

Tidal correctors were applied on line using HDAPS predicted tide table # 6 (June).

c) Zoning for this project is consistent with the Project Instructions. A request for smooth tides was mailed on June 17, 1994.