

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: November 2, 1989

MARINE CENTER: Atlantic

OPR: C147-HE-89

HYDROGRAPHIC SHEET: FE-330SS

LOCALITY: Offshore Highlands to Monmouth Beach, N.J.

TIME PERIOD: July 20- August 30, 1989

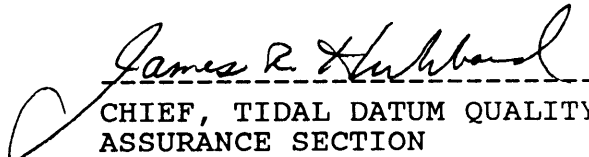
TIDE STATION USED: 853 1680 Sandy Hook, N.J.

PLANE OF REFERENCE (MEAN LOWER LOW WATER): = 2.27 ft.

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: = 4.9 ft.

REMARKS: RECOMMENDED ZONING

Apply a x0.94 range ratio to all heights, and a -0 hr. 30 min.
time correction.


CHIEF, TIDAL DATUM QUALITY
ASSURANCE SECTION