



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: November 9, 1994

MARINE CENTER: Atlantic

HYDROGRAPHIC PROJECT: OPR-B616

HYDROGRAPHIC SHEET: H-10530

LOCALITY: Massachusetts, Buzzards Bay 3.5 Nautical Miles Southwest
of Sciticut Neck

TIME PERIOD: April 7 - September 6, 1994

TIDE STATION USED: 844-8248 Penikese Island, Ma.
Lat. $41^{\circ} 27.0'N$ Lon. $70^{\circ} 55.3'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 2.64 ft.
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.6 ft.

TIDE STATION USED: 845-2660 Newport, R.I.
Lat. $40^{\circ} 30.3'N$ Lon. $71^{\circ} 19.6'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 1.67 ft.
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.7 ft.

REMARKS: RECOMMENDED ZONING

1. South of $41^{\circ} 32.0'N$ times and heights are direct on Penikese Island, Ma. (844-8248). When data is not available for Penikese Island, times and heights are direct using Newport, R.I. (845-2660).
2. North of $41^{\circ} 32.0'N$, and south of $41^{\circ} 34.0'N$, apply a +12 minute time correction and heights are direct on Penikese Island, Ma. (844-8248). When data is not available for Penikese Island, apply a +12 minute time correction and heights are direct on Newport, R.I. (845-2660).



3. North of $41^{\circ} 34.0'N$, apply a +12 minute time correction and a X1.04 range ratio to all heights using Penikese Island, Ma. (844-8248). When data is not available for Penikese Island, Ma., apply a +12 minute time correction, and a X1.04 range ratio to heights using Newport, R.I. (845-2660).

Notes: Times are tabulated on Greenwich Mean Time. The data for Newport, R.I. (845-2660) is stored in the Next Generation Water Level System temporary file # 645-2660.



CHIEF, DATUMS SECTION