



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SERVICE
Office of Ocean and Earth Sciences
Silver Spring, Maryland 20810

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: March 3, 1995

HYDROGRAPHIC SECTION: Atlantic

HYDROGRAPHIC PROJECT: OPR-B616

HYDROGRAPHIC SHEET: H-10547

LOCALITY: Massachusetts, Nantucket Sound, Eldridge Shoal and
Vicinity

TIME PERIOD: June 8 - August 24, 1994

TIDE STATION USED: 844-7605 Hyannisport, Ma.
Lat. $41^{\circ} 37.7'N$ Lon. $70^{\circ} 18.0'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 12.14 ft.

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.5 ft.

TIDE STATION USED: 844-8208 Oak Bluffs, Martha's Vineyard, Ma.
Lat. $41^{\circ} 27.5'N$ Lon. $70^{\circ} 33.2'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 10.87 ft.

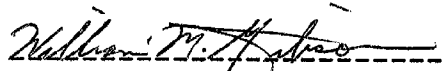
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 2.1 ft.



REMARKS: RECOMMENDED ZONING

1. North of $41^{\circ} 30.0'N$, and west of $70^{\circ} 25.0'W$, apply a +10 minute correction to times, and a X0.62 range ratio to heights using Hyannisport, Ma. (844-7605).
2. North of $41^{\circ} 30.0'N$, and east of $70^{\circ} 25.0'W$, times are direct, and apply a X0.78 range ratio to heights using Hyannisport, Ma. (844-7605).
3. South of $41^{\circ} 30.0'N$, and east of $70^{\circ} 25.0'W$, apply a +10 minute correction to times and a X1.35 range ratio to heights on Oak Bluffs, Martha's Vineyard, Ma. (844-8208).
4. South of $41^{\circ} 30.0'N$ and west of $70^{\circ} 25.0'W$, apply a +10 minute correction to times, and a X1.08 range ratio to heights using Oak Bluffs, Martha's Vineyard, Ma. (844-8208).

Note: Times are tabulated in Greenwich Mean Time.



CHIEF, DATUMS SECTION