



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: March 23, 1995

HYDROGRAPHIC SECTION: Atlantic

HYDROGRAPHIC PROJECT: OPR-B616

HYDROGRAPHIC SHEET: H-10563

LOCALITY: Lucas Shoal, Vineyard Sound, Massachusetts

TIME PERIOD: August 21 - September 9, 1994

TIDE STATION USED: 844-8533 Cape Higgon, Martha's Vineyard, Ma.
Lat. $41^{\circ} 24.6'N$ Lon. $70^{\circ} 42.7'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 2.02 ft.
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 2.7 ft.

TIDE STATION USED: 844-8725 Menemsha Harbor, Ma.
Lat. $41^{\circ} 21.3'N$ Lon. $70^{\circ} 46.0'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 2.05 ft.
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 2.9 ft.

REMARKS: RECOMMENDED ZONING

1. Northeast of a line between points $41^{\circ} 28.0'N$, $70^{\circ} 45.4'W$ and $41^{\circ} 26.5'N$, $70^{\circ} 41.2'W$, (Paul Pt.), apply a +15 minute time correction and a x0.76 range ratio to heights using Cape Higgon, Martha's Vineyard, Ma. (844-8533).
2. Northeast of a line between points $41^{\circ} 27.5'N$, $70^{\circ} 46.1'W$ and $41^{\circ} 25.1'N$, $70^{\circ} 42.5'W$; and southwest of a line between points $41^{\circ} 28.0'N$, $70^{\circ} 45.4'W$ and $41^{\circ} 26.5'N$, $70^{\circ} 41.2'W$, (Paul Pt.), times are direct, and apply a X0.88 range ratio to heights using Cape Higgon, Martha's Vineyard, Ma. (844-8533).



H-10563 (continued)

3. Southwest of a line between points $41^{\circ} 27.5'N$, $70^{\circ} 46.1'W$ and $41^{\circ} 25.1'N$, $70^{\circ} 42.5'W$; and northeast of a line between points $41^{\circ} 26.6'N$, $70^{\circ} 48.6'W$, and $41^{\circ} 23.8'N$, $70^{\circ} 43.8'W$, times and heights are direct using Cape Higgon, Martha's Vineyard, Ma. (844-8533).
4. Southwest of a line between points $41^{\circ} 26.6'N$, $70^{\circ} 48.6'W$, and $41^{\circ} 23.8'N$, $70^{\circ} 43.8'W$, times and heights are direct using Menemsha Harbor, Ma. (844-8725).

Note: Times are tabulated in Greenwich Mean Time.



CHIEF, DATUMS SECTION