



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 31, 1995

HYDROGRAPHIC SECTION: Atlantic

HYDROGRAPHIC PROJECT: S-A900

HYDROGRAPHIC SHEET: FE-407

LOCALITY: Swans, Vinalhaven and North Haven Islands, Maine

TIME PERIOD: September 17 - October 11, 1994

TIDE STATION USED: 841-3320 Bar Harbor, Me.
Lat. $44^{\circ} 23.5'N$ Lon. $68^{\circ} 12.3'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 3.35 ft.
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 11.0 ft.

TIDE STATION USED: 841-3825 Mackerel Cove, Swans Island, Me.
Lat. $44^{\circ} 10.2'N$ Lon. $68^{\circ} 26.0'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.78 ft.
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 10.6 ft.

TIDE STATION USED: 841-4776 Vinalhaven Island, Me.
Lat. $44^{\circ} 2.6'N$ Lon. $68^{\circ} 50.4'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.47 ft.
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 10.0 ft.

TIDE STATION USED: 841-4856 North Haven Island, Me.
Lat. $44^{\circ} 7.6'N$ Lon. $68^{\circ} 52.4'W$

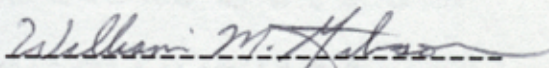
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 2.95 ft.
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 10.2 ft.



REMARKS: RECOMMENDED ZONING

1. For AWOS items 2853, 4749, 8887, and 8888, times and heights are direct on North Haven Island, Me. (841-4856).
2. For AWOS items 2548, 2549, 2771, 2810, and 2811, times are direct, and apply a X1.01 range ratio to heights using North Haven Island, Me. (841-4856).
3. For AWOS items 8885, 8886, and 8889, times are direct, and apply a X1.01 range ratio to heights using Vinalhaven Island, Me. (841-4776).
4. For AWOS item 8890, times and heights are direct on Vinalhaven Island, Me. (841-4776).
5. For AWOS items 8891, 8892, 8893, 8894, 8895, and 8896, times and heights are direct on Mackerel Cove, Swans Island, Me. (841-3825). Where data are not available for Mackerel Cove, apply a -10 time correction, and a X0.96 range ratio to heights using Bar Harbor, Me. (841-3320).

Note: Times are tabulated in Eastern Standard Time.


CHIEF, DATUMS SECTION