



TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: August 22, 1994

MARINE CENTER: Atlantic

HYDROGRAPHIC PROJECT: OPR-E696-HE

HYDROGRAPHIC SHEET: FE-387SS

LOCALITY: Virginia, Southern Chesapeake Bay

TIME PERIOD: March 23 - June 3, 1994

TIDE STATION USED: 863-8863 Chesapeake Bay Bridge Tunnel, Va.
Lat. $36^{\circ} 58.0'N$ Lon. $76^{\circ} 06.8'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 24.88 ft.
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 2.7 ft.

REMARKS: RECOMMENDED ZONING

1. In the area bounded by points $37^{\circ} 2.5'N/76^{\circ} 00.0'W$, $37^{\circ} 2.0'N/75^{\circ} 58.4'W$, $36^{\circ} 55.4'N/76^{\circ} 00.0'W$, and $36^{\circ} 55.8'N/76^{\circ} 2.4'W$, apply a -15 minute time correction and a x1.23 range ratio to Chesapeake Bay Bridge Tunnel, Va. (863-8863).
2. In the area bounded by points $36^{\circ} 55.8'N/76^{\circ} 2.4'W$, $37^{\circ} 2.5'N/76^{\circ} 00.0'W$, $36^{\circ} 54.8'N/76^{\circ} 6.9'W$, and $37^{\circ} 3.2'N/76^{\circ} 1.6'W$, apply a -10 minute time correction and a x1.06 range ratio to Chesapeake Bay Bridge Tunnel, Va. (863-8863).
3. In the area bounded by points $36^{\circ} 54.8'N/76^{\circ} 6.9'W$, $37^{\circ} 3.2'N/76^{\circ} 1.6'W$, $37^{\circ} 3.8'N/76^{\circ} 3.7'W$, and $36^{\circ} 55.5'N/76^{\circ} 9.6'W$, times and heights are direct on Chesapeake Bay Bridge Tunnel, Va. (863-8863).

Notes: 1. Times are tabulated in Greenwich Mean Time.
2. The data is temporarily stored in file #663-8863.

Wilhelm M. Hildebrand

CHIEF, DATUMS SECTION

