



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: September 27, 1995

HYDROGRAPHIC BRANCH: Atlantic

HYDROGRAPHIC PROJECT: OPR-E696-HE

HYDROGRAPHIC SHEET: FE-415SS

LOCALITY: Virginia, Chesapeake Bay, 6.2 Nautical Miles
West of Cape Charles

TIME PERIOD: May 3 - 15, 1995

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 an area bounded by points:

$36^{\circ} 54.8'N/76^{\circ} 06.9'W$
 $37^{\circ} 03.2'N/76^{\circ} 01.6'W$
 $37^{\circ} 03.8'N/76^{\circ} 03.7'W$
 $36^{\circ} 55.5'N/76^{\circ} 09.6'W$

Times and heights are direct on Chesapeake Bay Bridge Tunnel, Va.
(863-8863).

2. In an area bounded by points:

1 $37^{\circ} 03.2'N/76^{\circ} 01.6'W$
2 $37^{\circ} 08.8'N/75^{\circ} 58.4'W$
4 $37^{\circ} 03.8'N/76^{\circ} 03.7'W$
3 $37^{\circ} 10.0'N/75^{\circ} 59.3'W$

Apply a +15 minute time correction and heights are direct on
Chesapeake Bay Bridge Tunnel, Va. (863-8863).



3. In an area bounded by points:

1 37° 03.8'N/76° 03.7'W
2 36° 55.5'N/76° 09.6'W
4 37° 04.3'N/76° 05.0'W
3 36° 56.1'N/76° 12.3'W

Apply a +12 minute time correction and a x0.92 range ratio to heights using Chesapeake Bay Bridge Tunnel, Va. (863-8863).

4. In an area bounded by points:

1 37° 03.8'N/76° 03.7'W
3 37° 11.8'N/76° 00.4'W
2 37° 10.0'N/75° 59.3'W
4 37° 06.8'N/76° 08.3'W
5 37° 05.1'N/76° 07.1'W

Apply a +30 minute time correction and heights are direct on Chesapeake Bay Bridge Tunnel, Va. (863-8863).

5. In the area bounded by points:

4 37° 06.8'N/76° 08.4'W
5 37° 00.5'N/76° 18.0'W
3 37° 05.1'N/76° 07.1'W
2 37° 04.3'N/76° 05.0'W
1 36° 56.1'N/76° 12.3'W

Apply a +24 minute time correction and apply a x0.96 range ratio to heights using Chesapeake Bay Bridge Tunnel, Va. (863-8863).

6. In the area bounded by points:

37° 11.9'N/76° 00.5'W
37° 06.8'N/76° 08.4'W
37° 10.6'N/76° 11.0'W
37° 14.6'N/76° 10.1'W
37° 14.7'N/76° 01.2'W

Apply a +40 minute time correction and apply a x0.92 range ratio to heights using Chesapeake Bay Bridge Tunnel, Va. (863-8863).


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7. In the area bounded by points:

- 1 37° 06.8'N/76° 08.4'W
- 2 37° 00.5'N/76° 18.0'W
- 4 37° 10.6'N/76° 11.0'W
- 5 37° 13.6'N/76° 10.4'W
- 3 37° 13.7'N/76° 23.2'W

Apply a +45 minute time correction and apply a x0.88 range ratio to heights using 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.


CHIEF, DATUMS SECTION