

SHEET G ✓
TIDE NOTES

<u>SITE</u>	<u>LOCATION</u>	<u>PERIOD</u>
Cedar Tree Neck, MA 8448325	41° 26.1'N 70° 41.8'W	16 September 1995 31 October 1995
Cuttyhunk, MA 8448392	41° 25.3'N 70° 55.3'W	15 September 1995 01 November 1995

Cedar Tree Neck, MA

Two Sea Data TDR-3A, tide gages (S/N 018 and 221) were installed on 16 September 1995. The staff was installed and leveled on 16 September 1995. Pipes and gages were removed on 31 October 1995.

Cuttyhunk, MA

Two Sea Data TDR-3A, tide gages (S/N 224 and 518) were installed on 15 September 1995. The staff was installed and leveled on 15 September 1995. Pipes and gages were removed on 01 November 1995.

The reference stations for H-10654 were Newport, RI (845-2660) and Woods Hole, MA (844-7930).

Soundings for field sheets were corrected daily in post processing using observed water level data from NOAA station Newport, RI (845-2660). Data were acquired by cellular phone modem using the NOAA REALDATA software. Zoning correctors applied to Newport data were:

- + 24 minute time correction and a x.82 range ratio east of 71° 00.0' W and west of 70° 50.0' W
- + 42 minute time correction and a x.74 range ratio east of 70° 50.0' W and west of 70° 46.0' W
- + 54 minute time correction and a x.65 range ratio east of 70° 46.0' W and west of 70° 42.0' W

Smooth sheet soundings were corrected for water level through application of observed data from the Cedar Tree Neck, MA (844-8325), and Cuttyhunk, MA (844-8392) stations. A staff MLLW datum was computed at each station by simultaneous comparison with Newport, RI (845-2660) and with Woods Hole, MA (844-7930) using the NOAA Form 248 method prescribed by Marmer (Tidal Datum Planes, Spec. Pub. 135, U.S. Dept. of Commerce.) The simultaneous comparison computations are included in the Phase IIB Summary Report - Tides.