

## C. VERTICAL AND HORIZONTAL CONTROL

### VERTICAL CONTROL

The tidal datum for this project is Mean Lower Low Water (MLLW). The operating tide stations at Boston, MA (844-3970) and Portland, ME (841-8150) served as control for datum determination. Tertiary gauges at Boston Light (844-4162) and Fort Point, NH (842-3898) provided ancillary tide data. *Concur.*

Tidal zoning for this survey is consistent with the Letter Instructions\*. The zones used for this survey are as follows:

ZONE NAME	CORRECTOR (min)	RATIO	REFERENCE
NA175	-6	x0.96	844-4162
NA176	-12	x0.94	844-4162
NA177	-12	x0.92	844-4162

A Request for Approved Tides letter was sent to N/OPS1 on October 15, 2003 (Appendix IV\*). Verified tides from the N/OPS1 CO-OPS website were applied to THOMAS JEFFERSON data on February 20, 2004. Preliminary zoning and verified water levels downloaded from the CO-OPS web site were used for the OSD within the limits of this sheet. *There were no differences in the preliminary and final zoning for OSD within this survey sheet.*

*\*Data filed with original field records.*