

**C. VERTICAL AND HORIZONTAL CONTROL**

**VERTICAL CONTROL**

The tidal datum for this project is Mean Lower Low Water (MLLW) and Mean High Water (MHW). Soundings are referenced to MLLW. Heights of overhead objects (bridges and cables) are reference to MHW. The operating tide station at Chesapeake Bay Bridge Tunnel, VA (863-8863) served as datum control for the survey area.

Tidal zoning for this survey was consistent with the Letter Instructions. The zones used for this survey are as follows.

Zone Name	Time Corrector (min)	Range Ratio	Predicted Reference
SCB15	+6	x1.00	863-8863
SCB16	+18	x0.96	863-8863
SCB17	+24	x0.96	863-8863
SCB18	+24	x0.92	863-8863

