

C. VERTICAL AND HORIZONTAL CONTROL

VERTICAL CONTROL

The tidal datum for this project is Mean Lower Low Water (MLLW). The operating tide station at Charleston, SC (866-5530) served as control for datum determination. No other tide gauges were used. Tidal zoning for this survey is consistent with the Letter Instructions. Tide zones with respect to the survey area are shown in Chartlet 3. The zoning used for this survey is as follows:

Zone	CORRECTOR (min)	RATIO	REFERENCE
<i>SA118</i>	<i>-30</i>	<i>x0.82</i>	<i>866-5530</i>
<i>SA119</i>	<i>-30</i>	<i>x0.85</i>	<i>866-5330</i>
<i>SA135</i>	<i>-24</i>	<i>x0.87</i>	<i>866-5530</i>
<i>SA139</i>	<i>-24</i>	<i>x0.89</i>	<i>866-5530</i>
<i>SA140</i>	<i>-24</i>	<i>x0.85</i>	<i>866-5530</i>
<i>SA141</i>	<i>-24</i>	<i>x0.82</i>	<i>866-5530</i>

A Request for Approved Tides letter was sent to N/OPS1 on January 28, 2004 (Appendix IV*). Verified tides from the N/OPS1 CO-OPS website were downloaded on December 15, 2003 and applied to all sounding data. **Data filed with the original field records.*