

C.2 ZONING

For the preliminary reduction of soundings, tide zones that cover the extent of the survey area were supplied by NOAA. Each of these tide areas use time and range correctors relative to the Sand Point tide station. These are as follows:

Tide Zone	GS Identifier	Time Corrector	Range Corrector	Reference Station
SWA148	TA1	-18 minutes	x1.21	9459450
SWA149	TA2	-18 minutes	x1.25	9459450
SWA150	TA3	-18 minutes	x1.29	9459450

The final tide zone that covers the extent of the survey area was supplied by JOA. The Tide Station Report, supplied by JOA, detailing the tide zone, can be found in Appendix I of the Horizontal and Vertical Control Report. A .pdf copy is also available in the Tidal Data section of the USB drive. No time or range correctors were applied to the verified tide from

the Chirikof Island SW Anchorage (9458293) tide gauge as one tide zone covered the extent of the survey area.

The derived value for the difference between MLLW and MHW at the Chirikof Island SW Anchorage subordinate tide gauge is 2.40m. From the final zoning, a range factor of 1.00 was applicable for Sheet D, resulting in a MHW value of 2.40m.