

C.1 VERTICAL CONTROL

The initial vertical control for the survey was based on the Mean Lower Low Water (MLLW) tidal datum from the National Water Level Observation Network (NWLON) station at Sand Point (9459450). Final vertical control for the survey was based on the MLLW tidal datum from the tide station, Chirikof Island SW Anchorage (9458293), established by John Oswald & Associates, LLC (JOA).

The vertical control for the survey was based on the MLLW tidal datum. During field operations tide data for the NWLON station at Sand Point was downloaded from the CO-OPS website and these preliminary tide values were used to reduce depth soundings.

The final tidal levels for Chirikof Island were computed by JOA from observed tide at Chirikof Island SW Anchorage.

Station details are as follows:

		WGS84	
Gauge	Location	Latitude	Longitude
9459450	City Dock - Sand Point, AK	55° 20.2' N	160° 30.1' W
9458293	Chirikof Island - SW Anchorage	55° 48' 54" N	155° 44' 35" W