

C. VERTICAL AND HORIZONTAL CONTROL

Sounding data were tide adjusted using verified data National Water Level Observation Network (NWLON) tide station at Village Cove, Saint Paul, AK (946-4212). No tidal zoning methodology was applied as per contract. Tidal considerations are described in detail in the project wide Horizontal and Vertical Control Report.* *Concur.*

The horizontal control datum used for this survey is the North American Datum of 1983 (NAD 83). The projection used was UTM, Zone 2 North.*Concur.*

Sounding position control was determined using a Global Positioning System (GPS). The primary source of navigation correctors was a C-NAV 250R (which was receiving a globally corrected GPS (GcGPS) signal) as the survey area is outside of the published



* *Included with HCell deliverables.*

range of Coast Guard correction stations. C-NAV corrected positions were compared to the GPS positions from United States Coast Guard differential GPS (DGPS) station at Cold Bay, AK broadcasting at 289 kHz when in range of the station. A summary of DGPS confidence checks is provided in *Separates I: Acquisition Logs and Confidence Checks** included with this report. *Concur.*