

C. HORIZONTAL AND VERTICAL CONTROL

As per Field Procedures Manual (2013) section 5.2.2.2.3, a Horizontal and Vertical Control Report was not filed since horizontal and vertical control stations were not established by the field party for this survey. A summary of horizontal and vertical control for this survey follows.

C 1.1 Horizontal Control

The horizontal datum for this project is Universal Transverse Mercator, North American Datum 1983, Zone 3 (central meridian of 165W). Global Positioning Satellites (GPS) was the sole method of positioning. Differential corrections from the U.S. Coast Guard beacons were not used during this survey due the limited range of the DGPS transmitters in the area.

C 1.2 Vertical Control

The vertical datum for this project is Mean Lower-Low Water (MLLW). The predicted water levels from St. Catherine Cove will serve as datum control for W00264 until final tides are applied by NOS.