

C. VERTICAL AND HORIZONTAL CONTROL

As per FPM section 5.2.3.2.3 a HVCR report was not filed as no horizontal and vertical control stations were 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 the North American Datum of 1983 (NAD83). Differential GPS (DGPS) was the sole method of positioning. Differential corrections from the U.S. Coast Guard beacon at Acushnet, MA (kHz 306) were used during this survey.

No horizontal control stations were established by the field party for this survey.

C 1.2 Vertical Control

The vertical datum for this project is Mean Lower-Low Water (MLLW). The operating National Water Level Observation Network (NWLON) station at Chatham, MA (8447435) serves as datum control for D00149. A request for delivery of final approved (verified) tides for this survey was not forwarded to N/OPS1, as no tide control was requested in the Project Instructions* (See email App. IV**). Verified tides were applied to all sounding data on October 13, 2009.

** Submitted with original field records **Appended to this report*