

C. VERTICAL AND HORIZONTAL CONTROL

Final vertical correction processing was completed by the field unit with no additional correction required by Atlantic Hydrographic Branch. The field unit applied predicted water levels in conjunction with a tidal zoning which was accepted and approved by the US Navy. Sounding datum is Mean Lower Low Water (MLLW). Vertical datum is Mean High Water (MHW)

Horizontal control used for this survey during data acquisition is based upon the World Geodetic System of 1984 and UTM projection zone 04. The raw data was transformed to North American Datum of 1983 (NAD83), UTM projection zone 04 at the Atlantic Hydrographic Branch. Office ENC processing of this survey required translating the datum to meet S-57 ENC requirements.