

C. Vertical and Horizontal Control

No Horizontal Vertical Control Report (HVCR) accompanies this survey.

C.1 Vertical Control

The vertical datum for this project is Mean Lower Low Water.

ERS Methods Used:

ERS via VDATUM

Ellipsoid to Chart Datum Separation File:

OPR-K371-TJ-17_WGS84-MLLW_Geoid12B.csar

All soundings were reduced to MLLW using VDATUM techniques as outlined in the DAPR.

C.2 Horizontal Control

The horizontal datum for this project is World Geodetic System (WGS) 1984. The projection used for this project is Projected UTM 15N.*

The Fugro Marinestar commercial real-time satellite based corrector service was used to meet ERS specifications for GNSS positioning.

****The horizontal datum and projection was revised to NAD83 UTM 15N during the survey verification to meet the product specifications for HSD and NCEI.***