

## C. Vertical and Horizontal Control

No vertical or horizontal control reports were generated for this survey. All data were reduced to MLLW via VDatum model.

### C.1 Vertical Control

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

#### ERS Datum Transformation

The following ellipsoid-to-chart vertical datum transformation was used:

<b>Method</b>	<b>Ellipsoid to Chart Datum Separation File</b>
ERS via VDATUM	OPR_Q350_KR_21_CapeSarichef_ERTDM21-1_NAD83- MLLW

*Table 11: ERS method and SEP file*

All positioning and attitude data associated with OPR-Q350-KR-21 were post-processed in POSpac MMS using PP-RTX methods. For further discussion, reference the DAPR submitted with this report.

## **C.2 Horizontal Control**

The horizontal datum for this project is North American Datum of 1983 (NAD 83).

The projection used for this project is Universal Transverse Mercator (UTM) Zone 3.

### PPP

All positioning and attitude data associated with OPR-Q350-KR-21 were post-processed in POSPac MMS using PP-RTX methods.