C. Vertical and Horizontal Control

Additional information discussing the vertical or horizontal control for this survey can be found in the accompanying HVCR.

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:

Method	Ellipsoid to Chart Datum Separation File
ERS via VDATUM	EC_Apalachicola_xyNAD83-MLLW_geoid12b.csar GeneralArea_Apalachicola_100m_NAD83-MLLW_geoid12b

Table 11: ERS method and SEP file

All data within OPR-J359-KR-19 were reduced to MLLW using "EC_Apalachicola_xyNAD83-MLLW_geoid12b.csar" with the exception of the additional feature investigation assigned

outside the sheet limits of H13281. In order to reduce those data to MLLW, the VDATUM file "GeneralArea_Apalachicola_100m_NAD83-MLLW_geoid12b" was utilized.

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 16.

PPP

All positioning and attitude data associated with OPR-J359-KR-19 was post-processed in POSPac MMS using PP-RTX methods. For further discussion, reference the HVCR and or DAPR submitted with this report.