

## **G. Vertical and Horizontal Control**

The vertical datum for this project is Mean Lower Low Water. The vertical control method used was VDatum.

All soundings were reduced to Mean Lower Low Water using VDatum.

Soundings were reduced to Mean Lower Low Water (MLLW) by VDatum transformation using the model named Charleston\_Vdatum\_Limits\_xyNAD83-MLLW\_geoid12b after the 5P processing solution was applied via SBET and RMS files. SBET and RMS file generation work flow can be found within the DAPR C.4 Vessel Position in Data Processing Methods and Procedures section.

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 17.

No DGPS stations were used for this survey.