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

Upon data ingestion at the Processing Branch, the NOAA's VDatum v4.4.2 was used to transform the data points (XYZ data) from World Geodetic System of 1984 (WGS84) datum to North American Datum of 1983 (NAD83) reference frame and MLLW. The XYZ file was then gridded into a 4-meter surface using CARIS Base Editor 5.5.