

For the single-beam bathymetry data, the differential positioning was obtained through post-processing the base station data to the rover. This dataset was transformed from the initial World Geodetic System of 1984 (WGS84) G1762 datum to North American Datum of 1983 (NAD83) reference frame and the North American Vertical Datum of 1988 (NAVD88), using the GEOID12A model (National Oceanic and Atmospheric Administration National Geodetic Survey (NOAA NGS) VDatum software version 4.1 - <http://vdatum.noaa.gov/>).