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.

The original XYZ data was provided in NAD83 State Plane South Carolina 3900 in feet horizontal coordinate system and MLLW in feet vertical datum. VDatum was used to shift the XYZ files to NAD83 UTM17 and MLLW in meters. The shifted XYZ files were then imported into CARIS Base Editor 5.5 as point clouds, which were then imported as a 4 meter grid according to the HSSD single beam grid resolution standards.