

C. Vertical and Horizontal Control

C.1 Vertical Control

The vertical datum for this project is Mean Lower Low Water.

Standard Vertical Control Methods Used:

Discrete Zoning

The following National Water Level Observation Network (NWLON) stations served as datum control for this survey:

Station Name	Station ID
Panama City Beach, FL	8729210

Table 11: NWLON Tide Stations

File Name	Status
8729210.tid	Verified Observed

Table 12: Water Level Files (.tid)

File Name	Status
J357KR2014CORP.zdf	Final

Table 13: Tide Correctors (.zdf or .tc)

C.2 Horizontal Control

The horizontal datum for this project is North American Datum of 1983 (NAD83).

The projection used for this project is UTM Zone 16.

DGPS Corrections were monitored in realtime during data collection for dropouts. No dropouts were witnessed during data collection. In addition to the realtime monitoring of DGPS corrections, position data was analyzed in the office during postprocessing. The attitude editor withing Caris HIPS and SIPS 9.0 was utilized to identify any position data that may be insufficient for final delivery.

The following DGPS Stations were used for horizontal control:

DGPS Stations
Eglin, 985 kHz, ID: 812

Table 14: USCG DGPS Stations