

## C. Vertical and Horizontal Control

Additional information discussing the vertical or horizontal control for this survey can be found in the accompanying HVCR.

### 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:

<b>Station Name</b>	<b>Station ID</b>
Panama City, FL	8729108

*Table 8: NWLON Tide Stations*

<b>File Name</b>	<b>Status</b>
8729108.tid	Final Approved

*Table 9: Water Level Files (.tid)*

<b>File Name</b>	<b>Status</b>
J910NRT12014CORP.zdf	Final
J910NRT12013CORP.zdf	Preliminary

*Table 10: Tide Correctors (.zdf or .tc)*

A request for final approved tides was sent to N/OPS1 on 07/14/2014. The final tide note was received on 08/01/2014.

No changes made in Final Tides. J910NRT12014CORP.zdf file was approved by COOPS as Final and applied to dataset.

*See attached Tide Note dated July 21, 2014*

## **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 16N.

The following DGPS Stations were used for horizontal control:

<b>DGPS Stations</b>
Site ID 812

*Table 11: USCG DGPS Stations*