

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
Calcasieu Pass, LA	8768094

Table 8: NWLON Tide Stations

File Name	Status
8768094_verified_01April16_to_30June16.tid	Verified Observed

Table 9: Water Level Files (.tid)

File Name	Status
K371KR2015CORP.zdf	Final

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

No final tide note was provided by the NOAA Center for Operational Oceanographic Products and Services (CO-OPS). Leidos is not required to have a final tide note from CO-OPS for H12731 however, a final tide note has been provided by Leidos in Appendix I.

The Tides Statement of Work specified NOAA tide station 8768094 Calcasieu Pass, LA as the source for water level correctors for OPR-K371-KR-15. A full explanation of the tide zone assessment is detailed in Section C.4 of the DAPR Rev 1. For H12731, 8768094 Calcasieu Pass, LA was the source of all final verified water level heights for determining correctors to soundings. All data for H12731 were contained within four tide zones (WGM400, WGM401, WGM407, and WGM408) which were provided from NOAA.

Leidos did not revise the delivered tide zones for tide station 8768094 Calcasieu Pass, LA as the water level zoning parameters in the file K371KR2015CORP.zdf, provided by National Ocean Service (NOS) were

deemed adequate for the application of observed verified water levels. As a result, they were accepted as final and applied to all H12731 bathymetry data.