C. VERTICAL AND HORIZONTAL CONTROL

A complete description of the horizontal and vertical control for survey H12469 can be found in the OPR-J348-KR-12 *Horizontal and Vertical Control Report* (HVCR), submitted under separate cover. A summary of horizontal and vertical control for this survey follows.

C.1 Vertical Control

The vertical datum for this project is MLLW. Additional information related to tides and tide correctors is included in Tables 12, 13, and 14.

Table 12. Tide Stations

Station Name	Station ID
Pascagoula NOAA Lab, MS	874-1533

Table 13. HIPS Water Level Files

File Name	Status
8741533.tid	Verified

Table 14. HIPS Zoning Files

File Name	Status
REVISED_J348KR2012CORP.zdf	Revised Final Zoning

C.2 Horizontal Control

The horizontal datum for this project is North American Datum of 1983 (NAD83) projected in Universal Transverse Mercator (UTM) Zone 16. All of the real-time navigation data were collected in Differential GPS (DGPS) mode. DGPS corrections were received from the U.S. Coast Guard (USCG) beacon at English Turn, Louisiana (293 kHz) or from the secondary beacon at Eglin, Florida (295 kHz). During survey operations, some DGPS outages from the primary beacon occurred. The system was set up to automatically switch to the secondary beacon when the primary signal was lost.