

C. VERTICAL AND HORIZONTAL CONTROL

A complete description of the horizontal and vertical control for survey H12466 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 |
|--------------------|--------------|
| J348KR2012CORP.zdf | Final Zoning |

C.2 Horizontal Control

The horizontal datum for this project is NAD83 projected in 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.