

### **C. VERTICAL AND HORIZONTAL CONTROL**

The vertical datum for the soundings is Mean Lower Low Water (MLLW). The horizontal datum for the survey is the North American Datum of 1983 (NAD 83) and the projection is Universal Transverse Mercator (UTM) Zone 15 North.

The NWLON water level station at Port Fourchon, LA (8762075) is the reference station for preliminary data for hydrography for project OPR-K354-KR-11. Final zoning was provided by CO-OPS (Refer to section C.5 of the DAPR). In addition, the water level station Texas Gas Platform (8763535) in Caillou Bay was maintained by C&C Technologies for the duration of survey operations. The NWLON station at Grand Isle, LA (8761724) serves as the datum control for the 8763535 station. Final zoning for the Texas Gas Platform gauge was provided by JOA (Refer to Appendix V). Illustration No. 14 shows the survey area, location of tide zones, tide stations 8762075 and 8763535 and the time/range correctors for those tide stations.