

**VERTICAL AND HORIZONTAL CONTROL** *SEE ALSO THE EVALUATION REPORT.*

Sounding data was tide adjusted using verified tide levels for the National Water Level Observation Network (NWLON) station at Dauphin Island, AL (873-8151 / 873-8150) and the Pascagoula NOAA Lab, MS water level station (874-1533) tide stations through November 11, 2006. Verified data from the Dauphin Island and Pascagoula gauges were downloaded from the NOAA internet Hydro Hot list (<http://co-ops.nos.noaa.gov/hydro.shtml>). The final zoning methodology is described in detail in the project wide Vertical and Horizontal Control Report.\*

*Approved tides were applied during field processing.*

The horizontal control datum used for this survey is the North American Datum of 1983 (NAD 83). The projection used was UTM, Zone 16 North.

Sounding position control was determined using the Global Positioning System (GPS). The United States Coast Guard differential GPS (DGPS) stations *Mobile Point, AL, StaID 26* and *English Turn, LA, StaID 28*, were used to provide navigation correctors. A summary of weekly DGPS confidence checks is provided in Separate I: ACQUISITION AND PROCESSING LOGS included with this report. *Concur.*

*\*Data filed with field records.*