

## Tide Correctors

As specified in the SOW, predicted tides from Galveston Pleasure Pier 8771510 were used as preliminary tide values. Sheet H fell within two zones of the Galveston Pleasure Pier zonation. Zone 6 has a time corrector of -12 minutes with a range ratio of X1.13; Zone 7 has a time corrector of -24 minutes and a range ratio of X1.17.

As specified in a memorandum to Andrew Armstrong from Michael Szabados\* (see Appendix F), final verified tides from the Texas Coastal Ocean Observation Network (TCOON) were used for final post-processing. Tidal data from the Sabine Pass Offshore gauge (8771081) located at 29°29.9'N, 93°38.4'W were utilized for Sheet H. Sheet H fell within two tidal zones: G315 and G318. The correctors used are located in the table below.

Station Number	Tidal Zone	High Water Correction	Low Water Correction	Average Time Correction	Range Correction
8771081	G315	0 mins.	0 mins.	0 mins.	X1.00
8771081	G318	-18 mins.	-12 mins.	-18 mins.	X0.95

The verified six-minute tide data from the Sabine Pass Offshore gauge were downloaded from the Oceanographic Products and Services Division (OPSD) Hydro Hot List web page (<http://www.opsd.nos.noaa.gov/hydro.html>). The tide information was applied to the data using the IP400 data processing software. *Approved tides and zoning were applied during field processing.*

Lines 65a-79a and 1077a were collected on January 20- 21, 1999 (DN 020-021) with a -1 hour time difference. The time values associated with the edited data sets have been corrected. However, the raw data in the XTF format will still have the erroneous times.