

## C.6 TIDE AND WATER LEVEL CORRECTIONS

Tide and water level corrections were applied as set forth in the Statement of Work.

Tides were applied to all data in Caris using tidal data downloaded from the NOAA CO-OPS website, and corrected using a tidal zone definition file (.zdf) supplied by NOAA. This zone file, called K354KR2010CORP\_Revised.zdf, uses station number 8762075 (Port Fourchon, LA) as the primary gauge. No secondary gauge was assigned for tidal zoning.

The tide (.tid) and zone definition (.zdf) files are included in the Caris projects submitted in conjunction with this report.

The following table shows the tidal zone and correctors that were used.. Tidal data were processed using the 1983-01 epoch.

**Table No. 4: Tide Zones and Correctors**

Tide Zone	Reference Station	Primary/ Secondary	Time Corrector	Range Ratio
CGM716	8762075	PRIM	-18	1.05
CGM717	8762075	PRIM	-12	1.09
CGM718	8762075	PRIM	-12	1.09
CGM732	8762075	PRIM	-6	1.09
CGM733	8762075	PRIM	-6	1.17
WGM266	8762075	PRIM	-18	1.21
WGM414	8762075	PRIM	-12	1.21
WGM415	8762075	PRIM	-6	1.21
WGM416	8762075	PRIM	-6	1.21