

Table 5 - Final Tide Zones

Zone	Gauge	Primary or Secondary	Time Offset	Range Ratio
CGM364	8761724	PRIM	-36	1.27

Project: OPR-K977-FU-08

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Registry No.: H11807

Zone	Gauge	Primary or Secondary	Time Offset	Range Ratio
CGM369	8761724	PRIM	-42	1.27
CGM376	8761724	PRIM	-18	0.99
CGM377	8761724	PRIM	-30	0.99
CGM378	8761724	PRIM	-36	0.99
CGM380	8761724	PRIM	-24	1.08
CGM381	8761724	PRIM	-30	1.08
CGM382	8761724	PRIM	-42	1.08
CGM384	8761724	PRIM	-30	1.18
CGM385	8761724	PRIM	-36	1.18
CGM386	8761724	PRIM	-42	1.18
CGM389	8761724	PRIM	-36	1.27
CGM390	8761724	PRIM	-36	1.27
CGM391	8761724	PRIM	-42	1.32
CGM394	8761724	PRIM	-30	1.27
CGM400	8761724	PRIM	-24	1.18
CGM406	8761724	PRIM	-12	0.99
CGM364	8762075	SEC	-6	1.09
CGM369	8762075	SEC	-6	1.09
CGM376	8762075	SEC	12	0.85
CGM377	8762075	SEC	6	0.85
CGM378	8762075	SEC	-6	0.85
CGM380	8762075	SEC	6	0.93
CGM381	8762075	SEC	0	0.93
CGM382	8762075	SEC	-6	0.93
CGM384	8762075	SEC	6	1.01
CGM385	8762075	SEC	-6	1.01
CGM386	8762075	SEC	-12	1.01
CGM389	8762075	SEC	0	1.09
CGM390	8762075	SEC	-6	1.09
CGM391	8762075	SEC	-12	1.13
CGM394	8762075	SEC	0	1.09
CGM400	8762075	SEC	6	1.01
CGM406	8762075	SEC	18	0.85

Observed tidal data was assembled from the National Water Level Observation Program accessed through the NOAA tides and currents website (<http://tidesandcurrents.noaa.gov/>). A cumulative file for the gauge in use was updated daily by appending the new data as it became available.

On April 12, 2009, verified tide data was acquired from the National Water Level Observation Program accessed through the NOAA tides and currents website (<http://tidesandcurrents.noaa.gov/>). The verified data was smoothed and applied to all

sounding data in CARIS HIPS using tidal zones provided by NOAA. All sounding data was then remerged. The Grand Isle, LA (8761724) was used as the primary tidal station while Port Fourchon (8762075) was used as the secondary tidal station. Verified tidal data were used for all final Navigation Base Surfaces, soundings, and S-57 Feature files.

Refer to the Vertical and Horizontal Control Report* for additional tidal information, station descriptions and unusual conditions encountered throughout the project. **Submitted with H-Cell Deliverable*