

Table 5 - Final Tide Zones

Zone	Primary			
	Site	Number	Time	Range Ratio
CGM40	Dauphin Island, AL	8735180	-60	1.09
CGM40A	Dauphin Island, AL	8735180	-72	1.09
CGM41	Dauphin Island, AL	8735180	-54	1.05
CGM42	Dauphin Island, AL	8735180	-42	1.05
CGM42A	Dauphin Island, AL	8735180	-36	1.01
CGM43	Dauphin Island, AL	8735180	-24	1.01
CGM44	Dauphin Island, AL	8735180	-18	1.01
CGM44A	Dauphin Island, AL	8735180	-12	0.97
CGM45	Dauphin Island, AL	8735180	0	0.97
CGM46A	Dauphin Island, AL	8735180	6	1.01
CGM55	Dauphin Island, AL	8735180	12	1.09
CGM56	Dauphin Island, AL	8735180	0	1.09
CGM57	Dauphin Island, AL	8735180	-6	1.09
CGM58	Dauphin Island, AL	8735180	0	1.13
CGM59	Dauphin Island, AL	8735180	36	1.00
CGM59A	Dauphin Island, AL	8735180	-12	1.13
CGM60	Pascagoula NOAA Lab, MS	8741533	30	1.03
CGM61	Pascagoula NOAA Lab, MS	8741533	18	1.03
CGM62	Pascagoula NOAA Lab, MS	8741533	12	1.03
CGM514	Pascagoula NOAA Lab, MS	8741533	0	1.03

CGM574	Pascagoula NOAA Lab, MS	8741533	-6	1.03
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Predicted tidal data for a month long period, UTC (Central Daylight Time to UTC was +5 hours), 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 was updated monthly by appending the new data. Refer to the S-J977-KR-FU Horizontal and Vertical Control Report for any additional tidal information.

On January 12, 2007, verified tide data were acquired from the National Water Level Observation Program accessed through the NOAA tides and currents website (<http://tidesandcurrents.noaa.gov/>). A tidal zoning file was developed and provided by NOAA. From January 15, 2007 to January 16, 2007, all sounding data were re-merged using CARIS HIPS and SIPS tide routine. The Dauphin Island, AL, 873-5180 and the Pascagoula NOAA Lab, 874-1533, tidal stations verified tides were used in final processing. Verified tidal data were used for the final Navigation Base Surfaces 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.

C. VERTICAL AND HORIZONTAL CONTROL

Final vertical correction processing was completed by the field unit with no additional correction required by Atlantic Hydrographic Branch. The field unit applied final verified water levels in conjunction with the preliminary tidal zoning which was accepted and approved by N/OPSI CO-OPS as the final zoning for H11621. Sounding datum is Mean Lower Low Water (MLLW). Vertical datum is Mean High Water (MHW)