

The tidal datum for this project was Mean Lower Low Water. The operating tide station at Fort Pulaski, Georgia (867-0870) served as the reference station for predicted tides. Tidal data used during data acquisition were taken from Table 2 of the East Coast of North and South America Tide Tables and were applied to the digital data during acquisition by HDAPS. Digital tidal data were received on floppy disk from N/CS3, Hydrographic Surveys Division.

The survey area is covered by three tide correction zones; tidal corrections were applied in accordance with the Project Instructions sections 5.90.

Time and height correctors used for this survey are as follows:

	<u>Zone 1</u> <u>Southern Calibogue</u>	<u>Zone 2</u> <u>Middle Calibogue</u>	<u>Zone 4</u> <u>May River</u>
Time Correction	Times are direct	+0 hr 12 min	+0 hr 30 min
Height Ratio	x 0.98	x 1.03	x 1.10

WHITING installed and leveled one ADR gauge for datum control on H-10629. The following table lists the station number, name and location:

<u>Station Number</u>	<u>Station Name</u>	<u>Latitude</u>	<u>Longitude</u>
866-9262	North Bull Island, May River South Carolina	32° 12'.0 N	80° 48'.9 W

Opening levels were run on August 27, 1995. The level run closed within tolerance. Closing levels were run on November 9, 1995. The request for smooth tides was submitted to the Product and Services Branch, N/OES231, Datums Section, on November 29, 1995. *Approved Tides and Zoning were applied during office processing.*