

The tidal datum for this project is Mean Lower Low Water. The operating tide station at Fort Pulaski, Georgia (867-0870) served as the reference station for predicted tides. Predicted tides were applied to data using no time correction, and a 0.94 tidal height ratio. (NOTE: Change number 1 to the project instructions, dated May 17, 1995 states sheet H-10591 has a tidal height ration of 0.99. WHITING retained the original tidal height ration of 0.94 for all survey operations on sheet H-10591.) 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/CG24, Hydrographic Surveys Branch.

WHITING installed a tide station at Tybee Marina (867-1029) for datum control of H-10591. Opening levels were run on March 30, 1995. The tide gauge continues to collect data beyond the data acquisition dates for this survey sheet. Requests for smooth tides were submitted to the Product and Services Branch, N/OES231, Datums Section, on June 9, 1995 and July 14, 1995. APPROVED TIDES WERE APPLIED DURING OFFICE PROCESSING.