

Tidal datum for project OPR-D111-WH was Mean Lower Low Water. Predicted tides from NOAA Tide Tables, Hampton Roads, VA (station number 863-8610) were used as a reference for this project. The time and height correctors were entered in the predicted tides tables and applied to final sounding plots. APPROVED TIDES APPLIED DURING OFFICE PROCESSING.

Verbal contact was made with Mr. Jim Dixon of the Atlantic Operations Group (N/OMA1213) before transiting to the work area. Mr. Dixon confirmed the tide gages were working properly. Time and height correctors were:

	Time Correctors	Height Correctors
High Water	-1 hr 40 min	x1.35
Low Water	-1 hr 40 min	x1.35

Third-order levels were run from tide station 863-8863, Chesapeake Bay Bridge Tunnel, VA on April 16, 1990 (DOY 106). Closing levels were run on June 11, 1990 (DOY 162). Closing tolerances for the tide staff were within the acceptable limits for a run of under 500 feet. However, due to the excessive vibration along the fishing pier, the tide staff showed a increase in elevation of approximately .1 feet.

Atlantic Operations Group informed WHITING personnel that leveling the tide gage would be extremely difficult. They also mentioned that if the closing tolerance exceeded the allowable limit for the entire run, to call their office and compare our closure to historical values from previous surveys. This was unnecessary due to an acceptable closure.