

Tidal datum for project OPR-D111-WH-90 was Mean Lower Low Water. Predicted tides from NOAA Tide Tables, Hampton Roads, Virginia (station number 863-8610) were used as reference for this project. The time and height correctors were entered into the HDAPS "Tide Tables" and were applied to final sounding plots.*Time and height correctors were: * APPROVED TIDES APPLIED DURING OFFICE PROCESSING.

	Time Correctors	Height Correctors
High Water	-1 hr 30 min	x1.35
Low Water	-1 hr 30 min	x1.35

Verbal contact was made with Mr. Jim Dixon of the Atlantic Operations Group (N/OMA1213) before transiting to the work area. Mr. Dixon confirmed that the Hampton Roads tide gage as well as the Chesapeake Bay Bridge Tunnel (station number 863-8863) tide gage were working properly.

The Chesapeake Bay Bridge Tunnel station was the control for actual tide datum determination. Third-order levels were run from this station to five benchmarks on April 16, 1990 (Day 106). Closing levels were run on June 11, 1990 (Day 162) and a difference of 1 millimeter between opening and closing levels was observed. Closing tolerances were within the acceptable limits for a run under 500 feet. However, due to the instability of the

* * DATA REMOVED FROM ORIGINAL DESCRIPTIVE REPORT AND FILED WITH FIELD RECORDS.

fishing pier, the tide staff showed an increase in elevation of approximately 0.1 feet. Field tide notes are included in Appendix V. DATA REMOVED FROM ORIGINAL DESCRIPTIVE REPORT AND FILED WITH FIELD RECORDS.