

The tidal datum for this project was Mean Lower Low Water. The operating tide station at Breakwater Harbor (Lewes), Delaware (855-7380) served as direct control for datum determination. Mr. Larry Neison, Atlantic Operations Group, N/OES213, confirmed the proper operation of the tide station during the survey. This station also served as the reference station for predicted tides. Time and height correctors for the project were as follows:

	<u>Time Correction</u>	<u>Height Ratio</u>
High Water:	1 hr 00 min	x0.94
Low Water:	1 hr 00 min	x0.94

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 on-line to the digital data using HDAPS software. The predicted tidal data, in digital form, were received on floppy disk from N/CG24, Hydrographic Surveys Branch. Request for smooth tides was submitted to Product and Services Branch, Datums Section, N/OES231 on August 25, 1993. APPROVED TIDES AND ZONING WERE APPLIED DURING OFFICE PROCESSING.

The tide station at Breakwater Harbor was leveled on March 8, 1993 and on August 17, 1993. The levels confirmed that the tide staff and marks were undisturbed. The tide note is on file at AHS.*