

The tidal datum for this project was Mean Lower Low Water. The operating tide station at Breakwater Harbor in Lewes, Delaware (855-7380) served as direct control for datum determination. Mr. Larry Nieson, 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: | -0 hr 18 min | x1.15 |
| Low Water: | -0 hr 18 min | x1.15 |

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 tidal data, in digital form, were received on floppy disk from N/CG24, Hydrographic Surveys Branch. A request for smooth tides was submitted to Product and Services Branch, Datum Section, N/OES231 on May 27, 1994. APPROVED TIDES WERE APPLIED DURING OFFICE PROCESSING.

Opening and closing levels were conducted at the Breakwater Harbor tide station on March 30, 1994, and May 7, 1994, respectively. The levels confirmed that the tide staff and marks were undisturbed.