

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 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: | 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 tidal data, in digital form, were received on floppy disk from N/CG24, Hydrographic Surveys Branch.

Opening and closing levels were conducted at the Breakwater Harbor tide station on March 8, 1993 and August 17, 1993, respectively. The levels confirmed that the tide staff and marks were undisturbed. The final Tide Note for this survey is on file at AHS.*