

f. Tide Correctors

The tidal datum for this project is Mean Lower Low Water. The operating tide station at Newport, RI (845-2660) served as both direct control for datum determination and as the reference station for predicted tides. Data for predicted tides were provided on floppy disk before the start of the project. These data were obtained from Table 2 of the East Coast of North and South America Tide Predictions and applied to the digital tide data using HDAPS software. Tidal correctors were applied on-line using HDAPS predicted tide tables numbers.

Since this sheet is located close to Newport, both the time and height correctors were direct on the predicted tides at Newport; no subordinate station was required.

Zoning for this project is consistent with the Project Instructions. A request for smooth tides was mailed on November 14, 1995. *APPROVED TIDES AND ZONING WERE APPLIED DURING OFFICE PROCESSING.*

G.2 Generally, sea conditions greater than one meter affected the graphic sounding record by creating a trace of constant peaks and deeps. Application of heave correctors to raw echo soundings appeared to represent true depths accurately.