

G.6 a) The tidal datum for this project is Mean Lower Low Water. The operating tide station at Newport, Rhode Island (845-2660) served as direct control for datum determination. This station also served as the reference station for predicted tides. Data for predicted tides were provided on floppy disk before the start of the project.

b) Tidal data used during data acquisition were obtained from Table 2 of the East Coast of North and South America Tide Predictions, and applied to the digital tide data using the HDAPS software. The subordinate station for predicted tides was:

NO.	PLACE	POSITION	TIME		HEIGHT	
			High Water	Low Water	High Water	Low Water
1105	Penikese Island	41° 27'N 70° 55'N	+0 17	+0 16	*0.97	*0.97

Tidal correctors were applied on-line using the HDAPS predicted tide tables numbers 3, 4, 5, 6, 7, and 8. Tide table 3 was used for the month of March, 4 for April and so on. *Approved tides and zoning were applied during office processing.*

c) Zoning for this project is consistent with the project instructions.

A request for smooth tides was forwarded on September 6, 1993.