

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 magnetic disk before the start of the project.

G. CORRECTIONS TO SOUNDINGS (continued)

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	Cuttyhunk Pond	41° 25'N 70° 55'W	+0:01	+0:01	*0.97	*0.97

Tidal correctors were applied on-line using the HDAPS predicted tide table number 18. *Approved Tides & Zonings were applied during office processing*

c) Zoning for this project is not consistent with the original project instructions. Change No. 3 to the project instructions waives the requirement for establishing tide stations at Penikese Island, Gay Head, and West Chop Light, Massachusetts. In lieu of establishing these stations, the tide station at Sakonnet Point, Rhode Island (845-0768) and the control station at Newport, Rhode Island (845-2660) remained operational throughout the survey period. The Newport tide gauge operates year-round while the Sakonnet Point gauge has been operational since April, 1992.

A request for approved tides was mailed on September 9, 1992. The request for approved tides was not mailed immediately upon the completion of field work. After the initial investigation, there was discussion about the possibility of conducting more field work in the area, therefore the request was delayed until a decision was made to forward the data to AHS.