

The tidal datum for this project is Mean Lower Low Water. The operating tide station at Newport, Rhode Island (845-2660) served as the reference station for predicted tides. The Survey area falls within two tide correction zones, the zones were averaged and the following corrections were applied:

	<u>Time Correction</u>	<u>Height Ratio</u>
High Water:	0 hr +48 min	x0.70
Low Water:	0 hr +48 min	x0.70

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 to the digital data during acquisition by HDAPS. Digital tidal data were received on floppy disk from N/CG24, Hydrographic Surveys Branch.

WHITING installed and leveled two ADR tide gauges for datum control on H-10563: one at the Vineyard Haven, MA (844-8157) and one at Cape Higgon, MA (844-8533). NOAA Ship Rude installed and leveled a tide gauge at Menemsha, Ma (844-8725). The tide note is on file at AHS. The request for smooth tides was submitted to the Product and Services Branch, N/OES231, Datums Section, on September 15, 1994. APPROVED TIDES AND ZONING WERE APPLIED DURING OFFICE PROCESSING