

The tidal datum for this project is Mean Lower Low Water. The operating tide station at Nantucket, Massachusetts (844-9130) served as the reference station for predicted tides. Time and height correctors for the project were as follows (next page):

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* DATA FILED WITH FIELD RECORDS.

	<u>Time Correction</u>	<u>Height Ratio</u>
High Water:	-0 hr 15 min	x0.65
Low Water:	-0 hr 15 min	x0.65

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-10504: one at the Hyannis Port Pier, Hyannis Port, MA (844-7605) and one at the Steamship Authority Pier, Oak Bluffs, MA (844-8208). Opening levels were run on the tide station at Hyannis Port on May 17, 1994. Opening levels were run on the tide station at Oak Bluffs on May 19, 1994. These level runs also tied in the NEXGEN sensors with the corresponding tide staffs. 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 July 15, 1994. APPROVED TIDES AND ZONING WERE APPLIED DURING OFFICE PROCESSING.