

E. TIDE REDUCERS

Tide control for this project was provided by the reference station at Boston, Massachusetts. Field reduction of each day's survey data was accomplished using predicted tides for the historical tide station, No. 844-8208, at Latitude $41^{\circ}27.5'N$, Longitude $70^{\circ}33.3'W$, at Oak Bluffs, Martha's Vineyard. The following correctors were applied:

High water: +30 min.

Low water: -14 min.

Height ratio: 0.18

A standard ADR tide station was installed and operated on the historical site for the duration of survey operations at Oak Bluffs. There were no breaks in the tide records during the project which exceeded the three day limitation.