

II. Tide Corrections

The Southern New England Coast has an average tidal range of 8 feet. The operating standard tide station at Willets Point, New York was the primary reference station used for determining predicted tides for various sites within the project area. In HDAPS software, these predicted tide correctors were applied to the on-line sounding data collected. Tidal correctors were also applied to the least depths over obstructions taken with the pneumo depth gauge. Following is a list of HDAPS tide tables used in this survey for plotting AWOIS item investigation data.

<u>HDAPS TIDE TABLE</u> <u>NUMBER / Zone</u>	<u>DOY</u> <u>FROM-TO</u>	<u>APPLICATION</u> <u>AWOIS ITEM - DOY</u>
5 / Glen Cove	234-248	1732 - 235, 236 1735 - 237 1736 - 246 4406 - 237, 238, 239, 243, 244 4408 - 245 4409 - 244, 245 4415 - 237
6 / Glen Cove	249-263	1736 - 250, 251, 252, 256, 257 4408 - 252

It is recommended that smooth tide data be applied to all least depths taken on wrecks and obstructions during the course of this survey.

Smooth tides
were applied
during office
processing at AMC.