

II. Tide Corrections

The Southern New England Coast has an average tidal range of 8 feet. The operating standard tide station at Bridgeport, Connecticut, 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.

HDAPS TIDE TABLE NUMBER / Zone	DOY FROM-TO (21 SEPT 88)	APPLICATION AWOIS ITEM - DOY
7 / Eatons Neck Point	265-279	6422 - 267 6423 - 270 6803 - 270, 271 6423 - 277
8 / Greens Ledge	278-292	4454 - 279, 289, 291 6422 - 280, 287 6423 - 279 6802 - 289 6804 - 286 6805 - 286
9 / Greens Ledge	291-305	6429 - 294, 302 6082 - 292, 293 6805 - 292 Cable & Anchor Reef - 293, 298, 300, 301
10 / Greens Ledge	307-321	6429 - 308 6803 - 308 6804 - 308, 309, 314 6913 - 319
11 / Saugatuck River Entrance	320-334 (24 Nov 88)	6913 - 321

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