

62. Tide Corrections

The tidal datum for this project is mean lower low water. The operating tide station at Bridgeport, Connecticut (846-7150) will serve as control for datum determination. This station was also used for predicted tides. No tide stations were established by the HECK in support of this survey.

All hydrographic and diver determined depths have been corrected for predicted tides.** The tidal values were taken from Tide Tables 1989 High and Low Water Predictions, East Coast of North and South America. Correctors for time and height were taken from the nearest tabulated geographic position on Long Island Sound.** *Approved tides were applied to survey data during office processing.*

Tidal correctors were applied online by entering the appropriate values into the HDAPS predicted tide tables. Two predicted tide tables were used. These tables are included in APPENDIX I.E., HDAPS PREDICTED TIDES TABLES.*

A Request for Approved Tides was mailed to Chief, Sea and Water Levels Branch, on July 31, 1989. A copy of this letter is enclosed in Appendix I.F.* *All depths shown on the smooth plots are corrected for approved tides.*