

62. Tide Corrections

The tidal datum for this project is mean lower low water. The operating tide stations at Willets Point, New York (851-6990), and Bridgeport, Connecticut (846-7150) will serve as control for datum determination. The Willets Point and Bridgeport stations were also used as the reference stations 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 1988 High and Low Water Predictions, East Coast of North and South America". Correctors for time and height were taken from the nearest listed geographic position on Long Island Sound.

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

A Request for Approved Tides was mailed to Chief, Sea and Water Levels Branch, on January 13, 1989. A copy of this letter is enclosed in Appendix I.H.