

VERTICAL CONTROL

The tidal datum for this project is Mean Lower Low Water (MLLW). The operating National Water Level Observation Network (NWLON) stations at New London, CT (846-1490) and Montauk, NY (851-0560), and the Physical Oceanographic Real Time System (PORTS) station at New Haven, CT (846-5705) served as datum control for the survey area as well as control for datum determination at the subordinate station at Silver Eel Pond, Fishers Is, NY (851-0719). *Concur.*

The preliminary zones and correctors used for this survey are as follows:

Table 1: Preliminary Tide Zones & Correctors

ZONE NAME	CORRECTOR (min)	RATIO	REFERENCE
LIS73	12	1.68	846-1490

LIS172	11	1.68	846-1490
LIS62	-4	0.80	846-5705
LIS69	-5	0.73	846-5705
LIS76	12	1.60	846-1490
LIS75	10	1.60	846-1490
LIS66	-5	0.76	846-5705

A Request for Approved Tides letter was sent to N/OPS1 on 16 November 2004 (Appendix IV) *. Verified water levels from the N/OPS1 CO-OPS website were downloaded on November 23, 2004, and applied to all sounding data. Refer to the July-November 2004 DAPR* for a summary of the methods used to determine, evaluate, and apply tide corrections to sounding data. *Final water level corrections were applied during office processing. See also Evaluation Report.*

** Data filed with the original field records.*