

f. Tide Correctors

The tidal datum for this project is Mean Lower Low Water. The operating tide station at Solomons, MD (857-7330) served as control for datum determination. At the time of the survey, HPS had no utility to apply predicted tides. Since the Solomons gauge was a primary Nextgen gauge, smooth tides were expedited allowing all soundings to be corrected in post processing with real tides using HPS.

A +30 minute time correction and a x1.11 range ratio was applied to the tidal data acquired at Solomons, MD. These correctors were applied during post processing in HPS.

Smooth tides were requested from N/OES in a letter mailed and dated March 4, 1996. *APPROVED TIDES AND ZONING WERE APPLIED DURING OFFICE PROCESSING*

The BAY HYDROGRAPHER employed no unusual or unique methods or instruments to correct echo soundings.

All sounding correctors were applied to both the narrow (100 kHz) and wide (24 kHz) DSF-6000N beams. Zoning for this project is consistent with the Project Instructions.