

7. TIDE CORRECTORS

Predicted tide correctors were applied on-line to all soundings that were collected with the DSF 6000N, except as noted in the Field Tide Note, Separate B.* All echo sounding data plotted on the final field sheet were plotted with predicted tide correctors.

The predicted tides were calculated based on Sandy Hook, New Jersey as the reference station. The time and height correctors were given in the Project Instructions, section 5.9, for the project area (a -30 minute time correction, and a 0.94 range ratio).

The control station for the survey was the operating primary tide station at Sandy Hook, New Jersey (853-1680). No secondary tide stations were established.

The predicted tide tapes used on-line and during field processing with the Hydroplot system were generated from program AM500, "Predicted Tide Generator".

** Filed with the original field records*

Smooth tides were requested from Chief, Sea and Lake Levels Branch, N/OMA12, in a letter dated July 15, 1988. A copy of the letter is included in Separate B.* The Field Tide Note is included in Separate B.* *Filed with the original field records*