

Actual tide heights were obtained from a tide station (No. 872-9197) located at West Bay Creek, West Bay, lat. $30^{\circ} 17.6' N$, long. $85^{\circ} 51.5' W$. Smooth tides were requested from the Sea and Lake Levels Branch, N/OMA12, in a letter dated May 3, 1988.

Settlement and squat correctors were determined on November 12, 1987 for launch 519 with the Evinrude 150 HP S/N 0575816 motor. The motor was replaced, and on January 12, 1988 settlement and squat correctors were determined for launch 519 with an Evinrude 150 HP S/N 1499027. Both test were run using the level method. A copy of the field data and graphs of the settlement and squat correctors vs. RPMs, is included in the appendix.* These correctors will be applied via the TC/TI tape during processing of the smooth sheet at the Atlantic Marine Center.