

The final field sheet was plotted using predicted tides determined from Port O'Connor, Texas and correctors designated in zone "I" from section 5.9 of the project instructions. The values were applied direct in accordance with these instructions. Wind conditions during this survey (i.e., speed and direction), had a far greater affect on the true water levels than did normal tidal action. This resulted in higher water levels on down-wind shores and lower water levels on lee shores. The AWOIS shoal sounding developments on March 9, 1992 (DN 069) were plotted with actual heights manually read from the Port O' Connor, TX tide gauge (Station No. 877-3701). Because of differences between main scheme and development soundings of 0.5 to 0.6 meters in this area, depth curves were difficult to draw. The application of actual heights corrected the differences and allowed depth curves to be drawn easily. These actual heights were entered into the HDAPS tide table 50 and are filed in the fan-folder with DN 069. There were no other complications with predicted tides.

Approved water levels were requested from the Sea and Lake Levels Branch, N/OMA12, in a letter dated March 18, 1992. A copy is included in Appendix V of this report.*