

G2. Tide Correctors

The tidal datum for this project is mean lower low water. The operating tide station at Pensacola, Florida (874-7437) served as control for datum determination and as a reference station for predicted tides. One tide station was established at Point Cadet, Biloxi, Mississippi (874-3735)✓.

All hydrographic and diver determined depths have been corrected for predicted tides. Correctors for time and height were taken from the project instructions. ✓

Tidal correctors were applied on-line using the HDAPS predicted tides table. The tables used can be found in APPENDIX I. ✓

On 22 May, 1989✓ the Point Cadet Tide Gauge was struck by a local research vessel. This caused the gauge and floatwell to rotate 180° and settle a fraction of a foot. The staff and the gauge itself was undamaged and data was still collected. On 26 May, 1989✓ the gauge was repositioned and the tide staff was releveled. This ✓

leveling shows the staff did not move. No least depths were taken between the dates 22-26 May, therefore smooth tides data is not required for this time period. A request for smooth tides was mailed 11 August, 1989. A copy is included in Appendix I.