

G.6 a) The tidal datum for this project is mean lower low water. The operating tide station at Grand Isle, Louisiana (876-1724) served as reference station for predicted tides, and a tide station at East Isles Dernieres (876-2888) was established by ship's personnel as the direct control for datum determination. Predicted tidal data for Grand Isle tides was provided on floppy magnetic disk before the start of the project.

APPROVED TIDES WERE APPLIED DURING OFFICE PROCESSING

b) The height and time correctors listed below were provided in the Project Instruction for the project area, and applied to the Grand Isle predicted tides to generate an on-line predicted tide table:

| <u>HYDROGRAPHIC AREA</u> | <u>TIME</u> | | <u>HEIGHT RATIO</u> |
|--|------------------|------------------|---------------------|
| | High | Low | |
| East of 090 30.0' W and West of 090 20.0' W | Water -30 min | Water -30 min | * 1.26 |

The tide tables were applied on-line and during processing of sounding data. For a more detailed overview of tidal information please refer to Appendix V.

c) No zoning is required for this project.

NOTE: For the least depths taken by pneumatic depth gauge or leadline during this project, the final value for the feature was determined by correcting the reading for predicted tides only. No instrument or leadline calibration correctors were applied. A buoy was placed over the least depth site and a DP was taken by the survey launch.