

## G.6

a) The tidal datum for this project is Mean Lower Low Water (MLLW). The operating tide station at Redington Long Pier, Redington Shores, Florida (station number 872-6575) served as the primary reference station for datum determination of smooth tides. The primary gage at Redington Pier was a Fischer & Porter ADR (SN 6402A4596MI6).

A secondary gage was established by MT MITCHELL personnel at St. Petersburg Beach South, Florida (station number 872-6430). The secondary station used a Metercraft 0-10 ft bubbler gage (SN 7602-705-107).

Predicted tidal data were provided on floppy magnetic disk before the start of the project from Clearwater Beach (station number 872-6724). *APPROVED TIDES AND ZONING WERE APPLIED DURING OFFICE PROCESSING.*

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

c) Zoning was required for this project. This survey was all inclusive of zone one. This zone required a -20 minute time correction and a 0.70 range ratio to the predicted tides at Clearwater Beach (872-6724). Refer to **Appendix V.\*** for information about tidal zoning.