

G.3 Verified tides for Springmaid Pier, SC (Station 866-1070) were applied to these data using the following correctors:

SPRINGMAID, SC TIDE GAUGE Reference Number 866-1070	
Zone ATL740	Zone ATL741
Time Corrector -18 minutes	Time Corrector -12 minutes
Range Ratio 0.73	Range Ratio 0.77

G.4 No diver least depth gauge was used for this survey. (See Section M and Separates IV)

G.5 No significant systematic errors were detected.

G.6(a) The vertical datum for this survey is Mean Lower Low Water (MLLW). The operating tide station at Beaufort, Duke Marine Lab, NC (865-6483) served as the Primary control station for datum determination.

G.6(b) Reference or subordinate data for this project were acquired at the secondary station at Springmaid Pier, SC (866-1070) and the tertiary station at Atlantic Beach Triple S Pier, NC (865-6590) by N/OES231. A request for approved tides was sent to N/OPS1, dated December 12, 2000 (see APPENDIX D). (See Section G.6d) *FILED WITH THE ORIGINAL FIELD RECORDS*

G.6(c) SWMB data processing were accomplished using preliminary water level data during field processing. Verified water level data was applied prior to data submission to N/CS33 (downloaded from the CO-OPS web-site)

G.6(d). Final tide zoning and verified tide values should be applied to the entire SWMB data set in **CARIS** and **HPS**. Note that **CARIS/HIPS** applies zoning to all beams using only the zone in which the nadir beam resides. **HPS** will apply zoning to all soundings independently based on which zone they lie in.

Upon receipt of Approved Tides, a comparison should be conducted by The Atlantic Hydrographic Branch (N/CS33) to determine whether tidal reference station(s), tide correction, or zoning

correctors differ from the applied CO-OPS verified tides. If tide station(s) and/or tidal data reducers do not differ, no additional application of approved tides should be conducted in **CARIS/HIPS**. If tide station(s) and/or tidal data reducers do differ, approved tidal data will supercede these correctors and must be applied to sounding data in HPS. *APPROVED TIDES AND ZONES WERE ~~APPLIED~~ COMPARED AND NOT APPLIED DURING OFFICE PROCESSING*