

G.3 Tide zoning for this survey is consistent with the Project Instructions. Tide correctors were developed by applying time corrections and range correctors to the verified tides at the Chesapeake Bay Bridge Tunnel (Station 863-8863). Verified tides were computed in CARIS-HIPS and HPS and applied to SeaBat data.

CBBT TIDE GUAGE	AWOIS #'s 9542, 9837, 3752, 3753	AWOIS # 882
Zone	SCB5	MEC601
Reference #	863-8863	863-8863
Time Corrector	-12 minutes	-18 minutes
Range Corrector	X 1.06	X 1.27

G.4 The diver least depth gauge was not used for this survey.

G.5 No significant systematic errors were detected.

G.6a The vertical reference surface for this survey is Mean Lower Low Water (MLLW).

G.6b Tide data was acquired at the Chesapeake Bay Bridge Tunnel, Virginia (Station 863-8863) and Hampton Roads, Virginia (Station 863-8610) by N/OES231. Verified tides were unavailable during field processing. Requests for verified tides were mailed on May 11, 1998 and December 10, 1998. This data will replace the unverified tide data during verification by N/CS33.

G.6c Note that multibeam data processing was accomplished using preliminary unverified tide values during acquisition and verified smooth tide values during post processing.

G.6d **DO NOT REAPPLY ANY CORRECTORS in HPS, including verified smooth tides. Note that verified smooth zoned tide values have been applied to the entire multibeam data set in CARIS-HIPS prior to conversion to HPS. If necessary, all vertical correctors and horizontal offsets should be reapplied to multibeam data using CARIS software only.**