

6. a. The tidal datum for this survey was mean lower low water (MLLW). The tide station at Hampton Roads (863-8610) was the back up station and Chesapeake Bay Bridge Tunnel (863-8863) was the reference station. Contact with the observer was made, and the station at Hampton Roads was inspected and opening levels were run by personnel from Atlantic Operations Section N/OES213 on February 27, 1995. The station at CBBT was inspected and opening and closing level runs were made by personnel from the Atlantic Operations Section N/OES213 as per project instructions. No tide stations were established by HECK in support of this survey.

b. All hydrographic depths have been corrected for predicted tides. Zone correctors were specified in the project instructions. Tidal correctors were applied on line via the HDAPS predicted tide table.

** Approved tides and zoning were applied during office processing.*

c. Zoning was in accordance with project instructions.

The zones, along with time and height correctors, are as follows:

zone 5 - bound by points:

36°55.0'N, 076°07.0'W

36°55.5'N, 076°02.5'W

37°02.6'N, 076°00.0'W

37°03.2'N, 076°01.8'W

Apply a -10 minute time correction and a x1.06 range ratio to predicted tides at CBBT.

zone 9 - bound by points:

36°56.2'N, 076°12.8'W

36°55.5'N, 076°09.7'W

37°04.0'N, 076°05.0'W

37°03.8'N, 076°04.0'W

Apply a +12 minute time correction and a x0.92 range ratio to predicted tides at CBBT.