C. VERTICAL AND HORIZONTAL CONTROL *See also the Evaluation Report*

NOAA tide station 8551910 Reedy Point, Delaware was the source of verified water level heights for determining correctors to soundings.

These survey data were collected in horizontal datum NAD-83, using the UTM-18 projection. The following equipment was used for positioning on the *R/V OceanExplorer*:

- TSS POS/MV, Serial Number 314
- Trimble 7400 DSi GPS Receiver, Serial Number 3815A22469

Differential correctors were from the U.S. Coast Guard Stations at Cape Henlopen, Delaware and Reedy Point, Delaware. Daily position confidence checks were established using a Trimble DGPS. A real-time monitor raised an alarm when the two DGPS positions differed by more than 10 meters horizontally. Positioning confidence checks were well within the allowable inverse distance of less than 5 meters.

Please refer to the Vertical and Horizontal Control Report for detailed descriptions of the procedures and systems used to attain hydrographic positioning. There were no variations from the procedures described therein.