

Table 6. H12240 Surfaces

Surface Name	Resolution
H12240_1m_MLLW_1of2	1.0m
H12240_50cm_MLLW_INV_2of2	0.5m

Surfaces named with “_INV”, are comprised of all investigation data at object detection resolutions. In addition to the sheets listed in Table 6, a field sheet was submitted for each individual investigation. The name of each individual investigation field sheet corresponds to the primary side scan sonar contact name.

C. HORIZONTAL AND VERTICAL CONTROL

A complete description of the horizontal and vertical control for survey H12240 can be found under the OPR-E349-KR-10 *Horizontal and Vertical Control Report*, submitted under separate cover. A complete description of Global Positioning System (GPS) post-processing methodology for survey H12240 can be found in the OPR-E349-KR-10 DAPR, submitted under separate cover. A summary of horizontal and vertical control for this survey follows.

Real-time navigation logged during acquisition was overwritten with a post-processed navigation solution, created from Applanix POSPac MMS using the SmartBase option. A GPS base station with a dual frequency (L1/L2) receiver was established on Smith Island in Ewell, Maryland, and another in Airedele, Maryland, to enable post-processing using Single Base or SmartBase solutions. These two stations were augmented by GPS reference stations from the National Geodetic Survey (NGS) National and Cooperative Continually Operating Reference Stations (CORS) to form a GPS network for use in SmartBase processing. Table 7 lists the reference stations used in the network and their approximate distance from the survey area. North American Datum of 1983 (NAD83) coordinates of the base stations are included in the OPR-E349-KR-10 *Horizontal and Vertical Control Report*.