

2.0 HORIZONTAL AND VERTICAL DATUMS

The horizontal datum for this survey is the California State Plane Zone 5, NAD83, 2007 realization (NAD83 (2007)), which is the datum used by Port of Long Beach. The vertical datum is Mean Lower Low Water, Epoch 1983-2001 (MLLW). The horizontal and vertical units are in U.S. Survey Feet.

For the purposes of the NOAA ESD submission, the coordinate reference system (CRS) for the CARIS HIPS project and derivative products has been changed to NAD83 (2011), UTM Zone 10 North. The transformation was necessary to overcome a known bug in HIPS which prevents the incorporation of designated soundings into finalized surfaces which use a CRS with horizontal units in feet.

All time tagging in HYPACK software and in the hydrographic survey logs are Coordinated Universal Time (UTC), which is a time standard equivalent to Greenwich Mean Time (GMT), which is seven hours ahead of Pacific Daylight Time (PDT).