

Port Instructions define eight tide zones within the project area. The tide corrector values referenced to the primary tide station at Seattle, WA (944-7130) are provided in the zoning file "N411NRT32000CORP" which is included on the project CD.

Preliminary, six-minute real tides recorded at this station were downloaded from the NOAA, NOS, CO\_OPS web site (http://www.opsd.nos.noaa. gov/cgi-bin/prelimqry.pl). With HPTools, the tides were imported into HPS Tide Table 1. Zone Utilities computed the appropriate zone for each sounding; time and height adjustments were computed; and corrected tides were applied to sounding data.

No tide station downtime was experienced during the times of hydrography.<sup>6</sup>