

Tide Measurement

A temporary tide level recording station was established in the Depoe Bay boat basin. Levels were run from NOS tidal bench marks NO 6 1973(4.883 m MLLW) and PORT MON NO 5(3.945 m MLLW) to a piling adjacent to the survey vessel berth. A self-recording Valeport VTM710 Tide gage recorded water level at 10 minute intervals during all sonar data acquisition operations. Each day prior to and after surveying, water level was visually recorded and compared to the digital display of the VTM710. The tide data was downloaded daily and inspected for data gaps or bad measurements.

Appendix F. Tide Notes

A Valeport VTM710 Tide gage recorded water level at 10 minute intervals during sonar data acquisition operations. The time basis was local (Pacific Standard Time). A temporary benchmark was established at the site of the tide gage after running levels from NOS benchmarks NO 6 1973(4.883 m MLLW) and PORT MON NO 5(3.945 m MLLW). During surveying water level was visually checked twice daily and compared to the digital display of the VTM710.

Surveying took place during the following times.

<u>Date</u>	<u>Start Time</u>	<u>End Time</u>
October 2	1430	1730
October 3	0730	1800
October 4	0715	1820
October 5	0740	1745
October 6	0805	1500