

# Valeport's Improved Sound Velocity Sensors Reach New Pitch

Valeport's innovative approach to oceanographic instrumentation has resulted in a series of incremental improvements to their world-leading Sound Velocity sensors. Customers with existing products can also benefit from the product improvements, with these upgrades being available upon request during routine service and calibration at Valeport.

The Sound Velocity sensors have had changes made to the timing system and signal processing algorithms which now enable unrivalled levels of accuracy at  $\pm 0.020\text{m/s}$ . These products will also work in an operating range of 1375 to 1900m/s, covering all known environments including the Dead Sea and Marianas Trench. In addition, the products now offer improved rapid profiling with data rates of up to 60Hz. Peak to peak signal noise remains at just  $\pm 0.002\text{m/s}$ .

He continued, "These improvements can also be made to most existing products when they are returned to us for calibration. An annual service at Valeport therefore now gives you improved performance as well as a new 12 month warranty, and the reassurance of knowing that your instrument is properly calibrated, pressure tested, and functioning perfectly for the coming year."

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