

Multi-Frequency Acoustic Water Column Profiler

ASL Environmental Sciences of Sidney (BC, Canada) is releasing the next generation of AWCP - the Multi-Frequency Acoustic Water Column Profiler. The MF-AWCP is capable of operating up to 4 frequencies while maintaining the same precision and low power capacity that the original AWCP had.

The first unit, a two-frequency version, has been delivered to Louisiana State University and a three-frequency version has just been delivered to Oregon State University. The Acoustic Water Column Profiler can monitor the presence and abundance of zooplankton within the water column by measuring acoustic backscatter returns with ultrasonic frequencies. Other sonar targets realised from the sonar backscatter data include fish and suspended sediments. The AWCP can be operated in bottom-mounted, upward looking mode or in downward looking mode from a buoy.

<https://www.hydro-international.com/content/news/multi-frequency-acoustic-water-column-profiler>
