

Field-swappable Sensor Heads

AML Oceanographiics in the final stages of field-testing the oceanographic industry's first field-swappable conductivity and temperature sensors. C-Xchange and T-Xchange are added to the devices for sound velocity and pressure, making all sensors of the company field-swappable.

Each Xchange sensor contains its own embedded calibration, meaning that individual sensor heads can be moved from instrument to instrument without recalibration. This flexibility promises to alter the way that users interact with their instruments.

With C-Xchange and T-Xchange sensor heads, CTDs will no longer need to be returned to a service centre for recalibration. Similarly, individual instruments can be reconfigured on the fly to operate at varying depths or in varying temperature or conductivity environments. Spare sensors can be used on multiple instruments, dramatically reducing the cost of system redundancy. Field-swappable sensor heads mean that any organisation - end user, distributor, agent, or OEM - has the ability to become a virtual recalibration centre, simply by stocking calibrated sensor-heads.