

Improved Sonar Resolution And Functionality

Two new sonar products from Kongsberg Mesotech were presented during Subsea '09. The 1171 Series is a range of multi-frequency, fast-scanning-obstacle avoidance imaging and profiling sonars offering unrivalled resolution, from an industry leader in sonar technology.

The 1171 Series of sonar heads have been developed to meet the requirements for both shallow and deep ocean applications. As well as the choice of operating frequencies, the new sonar heads feature faster scanning rates, improved range resolution and even clearer, sharper images, all in a more compact lighter housing.

The transducer is protected within an oil-filled, pressure compensating dome. The telemetry is RS485 and RS232 compatible and is automatically sensed and configured at start up to match the telemetry link used. The sonar head operation is configured and controlled using the MS1000 Software Processor.

The multi-frequency design allows optimising of the profiling configuration for different applications. Like the sonar head, the transducer is protected within an oil-filled, pressure compensating dome and the telemetry is automatically sensed and configured at start up to match the telemetry link used. The sonar head operation is also configured and controlled using the MS1000 Software Processor.

The 1171 Series will also be on show at Underwater Intervention 2009 in New Orleans, 3rd - 5th March, booth 401 and Ocean Business 2009 in Southampton, 31st March - 2nd April, booth N1.