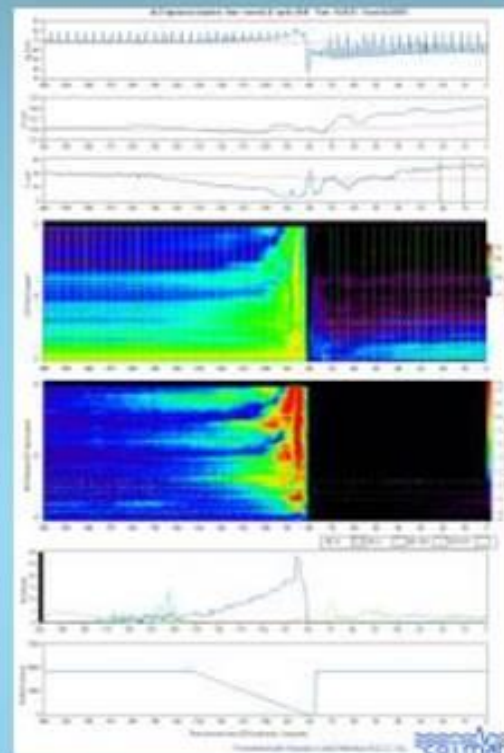


ALD® - Acoustic Leak Detector News n.24—January 2020

NEW ALD® BUBBLE DETECTOR

A new optional sensor has been integrated in the ALD® system. When installed on ROV the acoustic sensor can now be accompanied by the Bubble Detector based on active acoustic technology. In case the pipeline to be inspected is filled with gas the bubble detector will help in the leak identification. Several tests have been carried out in our pool and during an extensive trial in the Baltic sea generating a number of artificial gas leaks of different sizes and pressures, all the simulated leaks could be clearly detected by the passive ALD® and by the new Bubble Detector. In the picture on the left the spectrogram shows the acoustic anomaly generated by the leak while the bottom diagram represents the bubble detector output.



INTEGRITY AND CONTINGENCY

At the end of 2019 ALD® was engaged in 2 projects on non-leaking installations:

- West Africa— ALD® was called out to inspect a deep water installation during production and make sure that no leaks were present in some critical areas.
- Middle East: two ALD® teams were provided to guarantee immediate reaction in case of need during hydrotesting operation.

Please contact Luigi Barbagelata for details about our services.

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