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## Sonomatic introduces DRS, an innovative ultrasonic inspection technique

### Making corrosion mapping possible on previously uninspectable assets

Sonomatic, a market leader in the provision of advanced automated ultrasonic inspection services, introduces Dynamic Response Spectroscopy (DRS): an innovative ultrasonic inspection technique for corrosion mapping through challenging coatings, where conventional UT is ineffective.

A custom DRS system, designed and developed by the company, excites the steel with a range of low ultrasonic frequencies that pass through challenging coatings.

The steel responds, vibrating at natural frequencies related to the local thicknesses. Using advanced signal processing algorithms, these frequencies are extracted and used to determine the steel thickness profile.

DRS is available from August 2015 using the company's proven topside and subsea deployment tools, Nautilus and ROV-IT, making corrosion mapping possible on previously uninspectable assets.

Sonomatic will demonstrate the DRS tool at Offshore Europe 2015, stand 3E190, as well as highlighting other recent developments including the new Internal Caisson Tool.



Product Spotlight

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