

WFS Technologies Drives down the Cost of Subsea Corrosion Monitoring

For Immediate Release

Edinburgh, UK, December 30, 2015

WFS Technologies (WFS), a global leader in the delivery of underwater wireless instrumentation and control solutions to the Offshore Oil & Gas and Renewables industries announces the launch of **Seatooth PipeLogger Corrosion Monitor**. Designed to deliver a step reduction in the cost of long term monitoring of subsea pipelines and jumpers, the Seatooth PipeLogger Corrosion Monitor is set to revolutionise subsea asset integrity monitoring.

The **Seatooth PipeLogger Corrosion Monitor** incorporates UT (Ultrasonic Thickness) sensors that monitors wall thickness to an accuracy of 0.1mm through up to 6mm of pipe insulation. Up to 8 UT sensors can be integrated with a single Seatooth PipeLogger to measure wall thickness at key points of interest. Wall thickness measurements are taken at user-defined intervals – typically daily or weekly - and stored in an on-board data logger. Data is harvested wirelessly by diver, ROV or AUV using Seatooth subsea radio or in real time through a Seatooth-enabled Subsea control module (SCM). The wireless communications range of standard Seatooth devices through seawater, the seabed, concrete blankets and the splash zone is 5-10m.

The **Seatooth PipeLogger Corrosion Monitor** incorporates **Seatooth Endure**, innovative technology designed to extend the battery life of subsea wireless systems to up to 15 years.

Systems are depth rated to 1000m or 4000m are compact and weigh under 5 kg in seawater. They are suitable for deployment by mini-ROV operating off a rig or small vessel or by diver. Deployment and recovery is facilitated by use of magnetic clamps. An optional protection cover is available for systems buried in the seabed, under concrete blankets or rubble.

Target applications include:

- Identification and measurement of pipeline grooves
- Monitoring corrosion rate in vulnerable locations

- Optimisation of corrosion management systems

By delivering 2-3 orders of magnitude more corrosion data at an order of magnitude less cost the **Seatooth PipeLogger Corrosion Monitor** is set to revolutionise subsea asset integrity monitoring.

Notes for Editors

- Headquartered in Livingston, near Edinburgh, Scotland, WFS Technologies Ltd is a world leading supplier of subsea wireless instrumentation and control solutions for the Offshore Oil and Gas, Renewables, Environmental, Defence and Consumer industries.
- WFS's range of subsea wireless solutions incorporating Seatooth technology reduce the cost of subsea automation and asset integrity management
- WFS has delivered more than 7,000 Seatooth® enabled wireless controllers globally since 2010.



Seatooth PipeLogger Corrosion Monitor