## Downhole Wireless Monitoring Measurement & Verification

Dan Tredinnick – COO Gavin Leel – Operations Manager





- Prominent UK-based downhole wireless technology service provider
- The most proven & extensive run history with thousands of wireless tool runs over the last 35 years
- Portfolio of surveillance and flow control tools
- Wireless monitoring specialists covering exploration to abandonment solutions including pre-abandonment, barrier MMV and long-term monitoring of suspended/abandoned wells.
- Ability to transmit across Mechanical, Bismuth & Cement barriers
- Advanced battery technology and power management
- Perfectly suited to harsh environment, deep-water subsea well designs enabling clients to de-risk and optimise operations and meet regulatory requirements.



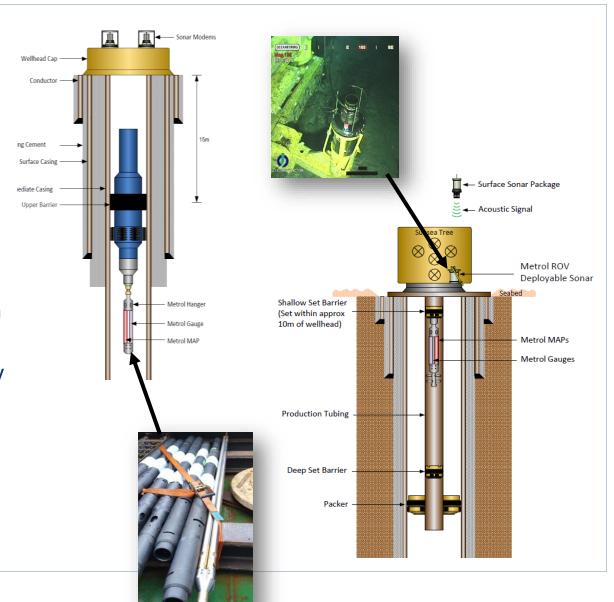






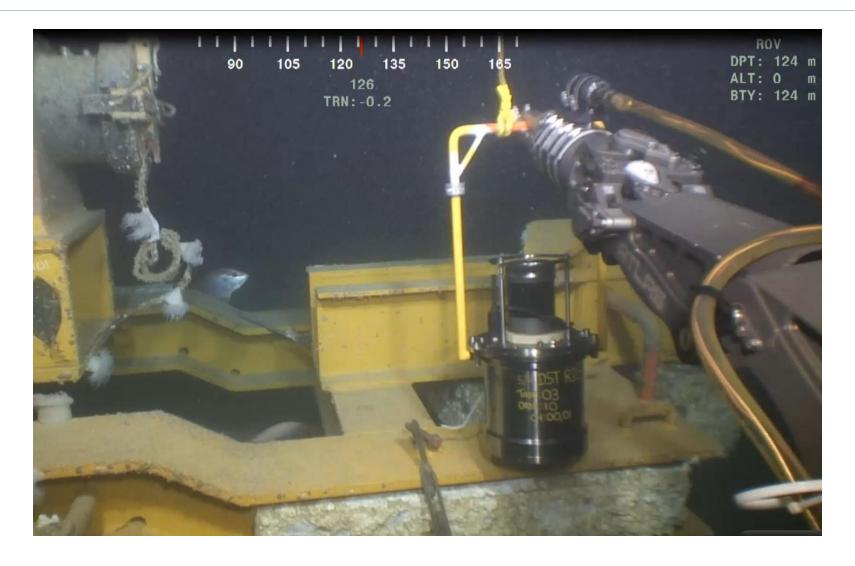


- Offline data interrogation
- Retrofit subsea and downhole equipment
- Suspend below plugs (permanent, retrievable, multi-set)
- Slick-line, E-line, work-string, ROV interrogation
- Multi-year monitoring without well intervention
- Modular design to allow for further functionality and value of wireless system using additional products



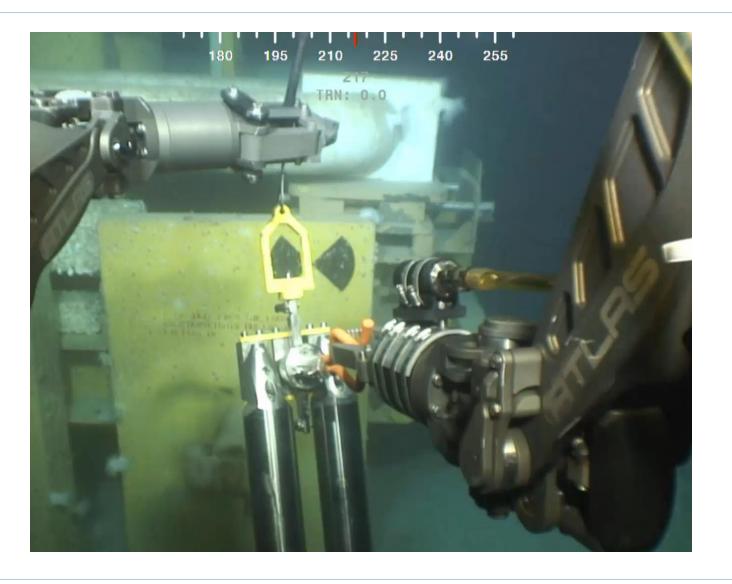






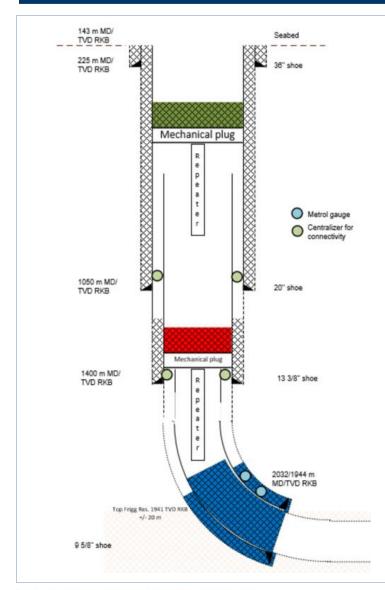




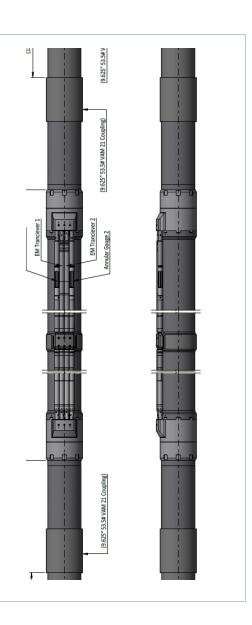




## **OUT OF ZONE INJECTION – MONITORING**









Discover more at www.metrol.co.uk

## CASE STUDY - PRE-ABANDONMENT LONGTERM BARRIER MONITORING IN N. SEA UK SECTOR

- 11 wells
- Deployed from LWIV

- Less equipment
- \$22M saved to client



