

Aquatec Introduces Novel Subsea Monitoring System at OTC 2026

Press Release
05 May 2026

About Aquatec

Aquatec is a subsea instrumentation and through-water communications specialist, designing and manufacturing systems to measure, monitor, and communicate underwater data. Since 1990, the company has supported offshore energy, oceanographic, and environmental applications worldwide.

For more information or media enquiries, contact:

Agustín Riso
Marketing Manager
ariso@aquatecgroup.com
+44 (0) 1256 416010

FOR IMMEDIATE RELEASE

Basingstoke, UK – Aquatec is proud to announce the official showcase of SHIELD™ (Subsea Heat-Induced Energy Loop Detector) at the Offshore Technology Conference (OTC) 2026 in Houston (Booth 2366). SHIELD™ represents a step-change in flow assurance, tackling the persistent challenge of subsea wax deposition.

As hydrocarbons cool during transport, wax accumulates on pipeline walls, restricting flow and risking costly blockages. Traditional monitoring methods often require intrusive installations or expensive, periodic inspections that only provide a "snapshot" of the pipeline's health.

SHIELD™ changes the paradigm. Deployed as an ROV-installable clamp, the system is entirely self-powered, utilising the thermal gradient between the pipeline and the seawater.

- **Non-Intrusive:**
No need to penetrate the pipeline.
- **Battery-Free:**
Eliminates the need for intervention to replace power sources.
- **High Accuracy:**
Field validation has confirmed a strong correlation with CT scan measurements, offering a reliable, permanent monitoring solution.

By enabling permanent monitoring at fixed locations, SHIELD™ allows operators to observe wax deposition trends over time rather than rely on periodic inspection snapshots. This supports more confident flow assurance decisions, reduces dependence on intrusive inspection methods, and offers a practical, lower-cost alternative to traditional approaches.

"We are delighted to showcase SHIELD™ at OTC 2026. It reflects our continued focus on developing practical engineering solutions to real subsea instrumentation challenges," said Andy Smerdon, Chairman of Aquatec.

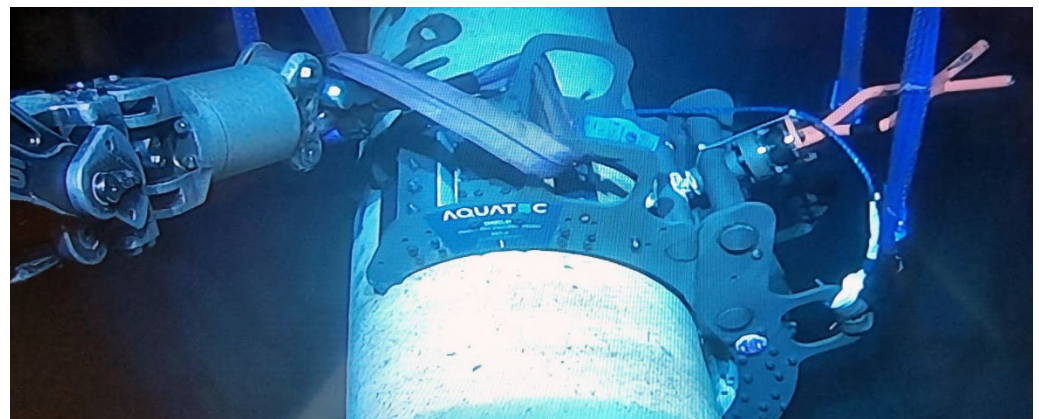
Aquatec invites operators, engineers, and media representatives to experience SHIELD™ firsthand at Booth 2366. Discover how permanent monitoring is redefining flow assurance decisions and reducing operational costs.

Aquatec Group Limited
Registered in England & Wales
No. 2523284

Visiting Address
Aquatec House, Stroudley Road,
Basingstoke RG24 8FW, UK

Telephone
+44 (0) 1256 416010

Internet
www.aquatecgroup.com
inquiry@aquatecgroup.com



SHIELD™ | Subsea Deployment.

###