

WTR Launches Innovative New Products at OE '07



WTR has and continues to develop some of the most advanced composite products in its field - trademarked 'Technowrap', these products are a cost-effective, engineered composite solution for pipeline and pipework repairs.

One of the new composite advancements is named 'Technowrap' Pipeline Repair System (PRS), the new product will be available from September 2007 and was unveiled at this year's Offshore Europe exhibition in Aberdeen. PRS is currently undergoing

validation testing in Newcastle with the aim of gaining Lloyd's Register Type Approval before the end of the year.

The second is a distinctly new introduction to the 'Technowrap' product line – the first Sub-sea Resin that WTR will offer. WTR developed this with a French manufacturer and has an exclusive agreement to market and sell this innovative product worldwide.

WTR managing director, Graham Birnie said: "The result of over a year's research and development, Technowrap PRS is a special design of e-glass – the result being increased stiffness and strength. When you couple this new product with WTR's existing validated resin systems, it has unique pipeline repair capabilities.

"Now that Technowrap PRS has successfully completed development and extensive testing, being validated to the same high-standards as all of WTR's other products we will be progressing the Lloyds Type Approval for this new system."

WTR achieved a world first at the end of 2006, by being the only oil and gas service company, both in the UK and internationally, to achieve BSI IMR and Lloyd's Register Type Approval for a composite pipe repair system. These accreditations give third-party re-assurance that all applicable legislation and international standards are being complied with and allows WTR to offer an outstanding level of service that is unrivalled globally.

"Technowrap PRS resulted from the demand of our existing and prospective clients, who require a product that provides a cost-effective method of returning externally corroded pipelines to their original pressure retention capability and structural design integrity" explains Graham.

"Similarly we know that the Sub-sea Resin, due to its capability to cure sub-sea in splash zones and in swampy areas with high humidity, is already in high demand and will add a completely new product line to the already highly regarded 'Technowrap' range of products.

WTR currently operate in Egypt, Norway, Qatar, Oman, Canada, Indonesia and Nigeria and will have representatives from each of these areas at their stand at Offshore Europe, to demonstrate the ease with which they have been trained and apply WTR's products. This is also an opportunity for WTR to further educate these representatives in the usages and application of the new Technowrap PRS and Sub-sea Resin.

For further information about WTR visit www.wtr.uk.com

University Challenge

WTR is set to join forces with Edinburgh and Napier University in a research and development project to enhance the qualities of the company's current product line.

The project, which will take overall direction from Napier's Dr Colin Hindle and will be carried out by Dr Jeremy Bretherton of Edinburgh University, shall focus on increasing the bond strength and pressure capabilities of WTR's innovative composite products. Improving the impact which these products have on the environment will also be a top priority within the research.

Graham Birnie, managing director, WTR said: "We are delighted to be working together with such well respected research institutions to further enhance our product range. Continuous investment in our products, which are already held in high regard within the oil and gas industry, ensures that WTR continues to lead the field in the composite repair sector."

The links between WTR and the universities were facilitated by the newly formed organisation, Interface, which acts as a central point of contact to enable companies of all sizes access to Scotland's world-class technology, skills and research held within its universities and research institutions.

Technotrack System

To further enhance the services WTR provide to our growing client base a new Technotrack system has been developed which will increase the efficiency in maintaining Temporary/Permanent repair registers both offshore & onshore.

After an extensive two year study, on currently used repair registers, it became evident that there was no set standard to which these registers conformed to. Most contained the basic information required to register and identify a repair but did not have any built-in intelligence to flag-up life time expiry. Additionally, a repairs documentation history was not always easily or readily available for inspection when external audits were being undertaken. This created delays and time consuming searches to obtain the repairs required Quality Assured traceability.

The new Technotrack system WTR have available will automatically flag when repairs are nearing their design life and enable operators to pre-plan a re-design, replacement or change out of the repair. The system will also link to a repairs historical documentation, should an external audit request its trace history. In order to show the functionality of Technotrack there will be a working system on show at the WTR stand at Offshore Europe '07.

Major contract win signifies international growth for WTR



Earlier this year WTR celebrated the announcement of a major contract win with GUPCO (The Gulf of Suez Petroleum Company) worth a seven figure sum. This two year contract signifies the rapid expansion of WTR into the fast growing Egyptian market.

Committed to Egypt, the company is now setting up WTR Egypt with offices in Cairo staffed with WTR personnel from Aberdeen as well as local Egyptian staff. This will be the first centre of excellence that WTR has set up to cover Egypt and North Africa.

It will have full warehousing facilities with a stock of materials to service not only the recent contract award but the future growth of WTR in this region.

GUPCO, a joint venture owned in equal shares by BP and EGPC (The Egyptian General Petroleum Company), is responsible for Oil and Gas production in the Gulf of Suez, the Western Desert and the Nile Delta. The scope of work covered in the contract between GUPCO and WTR is for supply of materials and the installation of cold repair for leak fixation in the Gulf of Suez, WesternDesrt, Port Said, Dashour and Ras Bakr.

John 'Tiny' Langler, WTR chairman, said: "This contract win gives recognition to the significant investment WTR has made, updating our current business processes to ensure we work to the highest industry standards. BP is pushing forward these standards in Egypt with the help of companies like WTR.



"We have been aware of the mentoring and encouragement of UK operators, in particular BP, with regard to their recommendations and requirements to heighten awareness of Technical Safety, Environmental and Personnel Empowerment on critical safety issues. Without a doubt this policy has had a important impact on recent contract awards to WTR and clearly demonstrates the 'win win' strategy that companies like WTR, has developed globally with companies such as BP."

WTR managing director, Graham Birnie said: "WTR achieved a world first at the end of 2006, by being the only oil and gas service company, both in the UK and internationally, to achieve BSI IMR and Lloyd's Register Type Approval for a composite pipe repair system. These accreditations give third-party re-assurance that all applicable legislation and

international standards are being complied with and allows WTR to offer an outstanding level of service that is unrivalled globally.

“This contract win further recognises this re-assurance and the hard work of WTR to achieve these standards. It will enable the company, to expand operations on a global scale.”

New Recruits

WTR welcomes three new recruits to the team, gathering the budding new starts from Aberdeen, Venezuela and Canada.



Jairo Ching-Castillo, 33, an LLM graduate in Petroleum Law & Policy joins WTR as an intern. Originally from Venezuela, Jairo studied for his LLM at the university of Dundee.

While at WTR Jairo's role will be to look at the business development strategies, provide input into the restructuring of key business units and provide cultural awareness and access to global contacts in new export markets as a contribution to WTR's global expansion plans.

“During my time in Aberdeen I aim to gain more knowledge about the UKCS oil and gas industry, whilst learning about Scottish Culture. I feel that WTR provides many interesting opportunities to me and is the perfect environment to achieve some of my career goals” said Jairo.



Richard Wyness, 20, is currently a student at the University of Aberdeen and is about to enter his fourth year of Mechanical Engineering.

Part of the Shell Step initiative, a work experience programme different from other placement projects as it is designed to be of direct benefit to the SME sector, Richard joins WTR as a placement student.

Richard will be assisting the Research & Development department while with WTR, looking at testing for exotic spools, underwater testing and external corrosion Pipeline Repair System testing.

“I'm really looking forward to my time at WTR and hope to have completed all of the testing duties and research I have been tasked with, to help me gain a better understanding of composites, before I return and complete my degree in Mechanical Engineering” said Richard.



Megan Kavanagh, 21, is a student studying engineering at Memorial University in Newfoundland, Canada.

Megan has recently completed two years work placement with Crosbie Salamis in Newfoundland where she worked on a range of composite pipe repair projects. She joins WTR to provide support to Operations Manager, Ewan Robertson, and help ensure the smooth delivery of WTR services.

"I'm keen to learn more about the European oil and gas industry, which will help my understanding when I return to my engineering studies. I really enjoyed my time at Salamis and it was through them that I was put in contact with WTR, and was delighted when I secured a placement with them."