



December 2009

2009/10 Road show programme kicks off at Bristol

Despite appalling weather the biannual programme of road show events got off to an excellent start at the Holiday Inn at Bristol on the 10th November. UKSTT chairman, Colin Tickle, introduced and controlled the varied and diverse programme of technical papers delivered by knowledgeable, experienced practitioners and specialists was well received and proved popular throughout the day.



Covering a broad range of water and waste water topics much of the practical experience and knowledge being shared translated across all sectors of trenchless working.

The seminar programme was very well supported by a broad range of exhibitors which ensured that there was something for everyone to see and discuss during breaks for refreshment and networking.

The second of the four planned road shows will have taken place by the time this article is published. If this opening event was a taster then with the pre-committed support of Yorkshire Water as sponsors, as well as advance delegate bookings already accelerating, we are in for a terrific time at Wakefield.

For more information visit www.ukstt.org.uk

UKSTT Awards Dinner – 2010 – Book your diaries and chose the entries

The United Kingdom Society for Trenchless Technology (UKSTT) will be holding its 16th Annual Dinner and Award Ceremony on Friday 23rd April 2010. The event will take place at the Holiday Inn, Birmingham. The evening will again be hosted by the recognised TV personality and naturalist, Chris Packham for the 6th year..



There are various sponsorship packages open to UKSTT Corporate Members which will secure the Sponsors publicity at the event & press coverage of the Award presentations. Our current sponsors are South West Water, Bournemouth & West Hampshire Water, Drilline Products, Pipe Equipment Specialists Ltd, NJUG and TT-UK Ltd.



The event celebrates the contributions made by organisations and individuals to the promotion, use and development of Trenchless Technology in 2009. The categories remain the same for 2010, Rehabilitation, New Installation, Small Project, Innovation and Young Engineer. It is never too

early to submit an entry. Information on entering the Awards and an application form can be found on the UKSTT website (www.ukstt.org.uk) or by emailing admin@ukstt.org.uk. Completed forms should be returned by email along with supporting evidence, including photographs by 27-Feb-10.

The price of tickets for the Dinner remains the same as 2009 at £69 each (incl. VAT).

For further information regarding the event, please contact Val Chamberlain on 01926-330935 or admin@ukstt.org.uk.

For more information visit www.ukstt.org.uk

New City & Guilds Qualifications Launched for CIPP operations



Develop Training Limited are proud to announce the launch of three new Cured In Place Pipe lining qualifications accredited by City & Guilds, installation units involving heat and ambient cure techniques and also localised repairs have been developed following consultation with the UKSTT and its members resulting in stand alone units of accreditation for successful candidates..

Develop and UKSTT in their continuous drive to promote the competence, safe operation and effective management of trenchless technology operations have combined their respective expertise to develop training and assessment for operatives, technical personnel and managers operating in the trenchless sector.

Develop in partnership with UKSTT can offer City & Guilds qualifications via the 'Certification of Utility Operations' 5831 scheme, the scheme consists of discrete units of competence which recognise practical skills, safety awareness and knowledge & understanding. Assessments of competence can be carried out by direct observation in the work place or via essential knowledge questioning in a classroom environment.

Operatives who are successful in both the practical assessments and the essential knowledge examination will receive a City & Guilds certificate in the subject area they have undertaken, candidates undertaking the various management / supervisory units are required to undertake an essential knowledge assessment and again if successful will receive a City & Guilds

qualification. These qualifications could be used as evidence towards a full NVQ as the candidate develops their careers.

Apart from these new modules City & Guilds qualifications can be obtained in many other related trenchless disciplines all of which are detailed on the UKSTT web site and in addition Develop can offer a number of other utility qualifications via City & Guilds, which include;

- *CCTV pipe line inspection.*
- *Butt and Electro fusion of PE pipe lines (Gas and Water).*
- *Installation, testing and commissioning of PE systems.*
- *Safe use of coil trailers.*
- *Location and avoidance of under ground apparatus.*
- *Signing, Lighting and Guarding.*
- *Safe excavation in the highway.*
- *Use of trench support systems.*

And finally, following further consultation with UKSTT and its members Develop are currently designing a unit of competence in 'Winching Operations' this will be available from early next year becoming part of the suite of 5831 units available to the trenchless technology sector.

For more information visit www.ukstt.org.uk

GRUNDODRILL 4X ... ideal for beginners

The small, compact and therefore very flexible HDD bore rig GRUNDODRILL 4 X is ideally suitable in tight working conditions and has been proven in sandy-clay type soils. The small set up area and the low weight result in little or no surface damage. It is the ideal HDD boring rig, especially in areas difficult to access, where transportation of a heavy machine would be a problem, such as residential areas, tight paths, or house connections for sewage, fibre optic cables, gas and water or for connections to wind power stations.

In an operating distance of more than 100 m the bore can be



expanded to a maximum 235 mm. The performance potential of the bore rig is supported by 2 alternating mixing systems and is especially recommended for all beginners.

In the town of Schmallenberg in Germany Christel Lechner created a range of concrete figures as statues of everyday people all over the town. Enthusiasts thought that it would be a great idea for these figures, such

as the couple reading on a bench in the middle of a traffic roundabout pictured here, to be illuminated at night. A power cable had to be installed from the closest street lamp which was over 50 m away, and this proved the ideal task for the HDD rig being carried out successfully within half a working day.

For more information visit www.ukstt.org.uk



CIPP Liner Strength prevents storm pollution

CIPP lining manufacturers and installation companies have for many years laid claim to just how strong their liner materials are once installed. To some clients this may have been seen as just 'marketing'. Well not any more.

Some seven years ago Insituform undertook a pipeline rehabilitation project on the Isle of Man using a 4.5 mm thick standard, needle felt, resin impregnated CIPP liner to rehabilitate a deteriorated 225 mm diameter, clay, foul sewage pipe, part of which ran under the river bed close to the village of Laxey, located on the east coast of the island. Until recently, the pipeline operated as expected, passing flows out to sea off the harbour.

However, a storm system passing over Isle of Man produced major rainfall and brought the Laxey River into extreme spate. These flows were sufficient to scour the river bed and expose the clay pipe and its concrete surround where it crossed the river. Cobbles and boulders, brought down the river by the torrent, crashed into the exposed pipe and its concrete surround, smashing it completely. But the CIPP liner remained in tact.

Indeed the standard CIPP liner held fast without noticeable damage. Not only did the strength of the seven-year old liner allow the pipeline to continue operating despite the terrible conditions, but the fact that it did so prevented a major river pollution incident. If the pipe had failed completely, foul water flows would have spilled directly into the river water. The polluting flows would most likely have continued for sometime as the pipe break would not have been detected until the river flows had subsided sufficiently to expose the breach.

Commenting on the performance of the liner under the



circumstances, Steve Knowles, of the Department of Transport for the IOM said: "Had this clay pipe not been lined, we would have suffered a major pollution event during the flows caused by the storm. As it was, thankfully, this did not happen. Because we had no need to install over-pumping when rebuilding the outer pipeline we were able to save considerable time and cost. The continuing presence of the liner also now reassures us that we have that little extra level of security at the river crossing point should anything similar happen in the future."

For ITL, John Beech, Business Development Manager commented: "We have always said that our liners were good, even though perhaps some people thought this was just marketing talk. Now everyone knows it is not. Whilst we would not wish to see our clients put into a position where our products are tested in circumstances such as those recently found at Laxey, it is instances of this kind and the performance of the liners in such extreme conditions that reinforce our confidence in our products."

For more information visit www.ukstt.org.uk

New Trailer Design meets future coiled pipe requirements



U Mole (a division of Vp plc, operating within Groundforce) recently introduced its latest range of high specification Pipe to Site Chute Roller coiled pipe transportation and dispensing trailers. Known as the 'V' Series these new Chute Roller trailers are specifically designed to meet the latest

requirements of the GIS (Gas Industry Standards) and are suitable for use in both the gas and water sectors. The trailers offer a high quality manufacture featuring the heaviest build quality available on the market today.

The unique design eliminates the need for central drum mechanisms and all of the associated slide-in bars/spring bolts etc normally associated with pipe coil trailers. As such, this makes the units simple and safer for the loading and dispensing of coiled pipe in the field.

Available in three models of 90 mm, 125 mm and 180 mm, the V' Series trailers all meet the requirements of the water and gas industries, especially with regard to GIS requirements for pipe end restraints, nose weight, centre

of gravity and the ability to load and dispense the trailer from ground level with no requirement to climb onto the superstructure.

Other latest developments within the range include a sectional design, enabling flat packing for export, the option of a galvanised finish for greatly extended plant life, and the introduction of LED lights for dual 12/24 voltage.

With the three models available, each Pipe to Site 'V' Series coil trailer is suitable for use with a wide range of coil sizes and manufacture including the new sizes currently being introduced to the market.

Commenting on the new 'V' Series range Frank Gowdy, Sales Director for U Mole said: "Across utility industries there is an increasing awareness with regard to coiled pipe trailers, especially in respect of the safety requirements and the ergonomics of their operation. The new 'V' Series coil trailer range is specially designed to meet the most stringent of current regulations and requirements. In particular, the new trailers meet or exceed the new UK Gas Industry Standard (GIS) which is now applicable to all UK gas companies. These requirements are currently some of the most demanding in the world. As standards improve and change it is U Mole's aim to keep up with these improvements, if not to be ahead of them, across our complete equipment range."

For more information visit www.ukstt.org.uk

'Trelleborg epros®' is renamed 'Trelleborg Pipe Seals Duisburg GmbH'

The two-year integration process between epros® and the Trelleborg Group has marked its completion with a final name change to Trelleborg Pipe Seals Duisburg GmbH, the English subsidiary, formerly Trelleborg epros Ltd., has become 'Trelleborg Pipe Seals Gateshead Ltd'.



Left: Hendrik Willem Hagenberg (MD for the commercial dept)

Middle: Michael Mühlin (Founder/MD)

Right: Renate Linek (Head of Controlling, Power of Attorney)

The epros® brand, established in 1992, specialises in trenchless renovation systems for the repair of pipes and sewers. In 2007, they merged with the Trelleborg Group and were renamed Trelleborg epros GmbH. This was a well-considered intermediate step to give epros® customers time to get to know the Trelleborg Group better.

High-performance solutions for demanding industrial environments have been the benchmarks and challenges met by Trelleborg for more than 100 years. Whether in the Automotive or Transport industry, the Marine or Offshore sector, or in Aviation and Space Travel, Trelleborg views itself as one of the leading technology companies based on advanced polymer technology and in-depth applications know-how, offering its customers not only sophisticated engineering services but also a broad range of high-performance solutions.

"Thanks to the synergies from the merger with Trelleborg, we can offer even faster service in the future that will facilitate the practical day-to-day business of our installers. We are currently working hard to optimize the equipment and develop even more user-friendly components", reveals Andreas Bichler, Technical Manager.

(Almost) No Changes for Customers

"The name and management changes will have no direct impact on our customers", says Regine Becker, Marketing & Communications Manager. "The sales contacts and technical support will continue to be available on the usual telephone numbers. "What we find very important is that our customers can at any time get in direct touch with us; because being part of a big group doesn't mean that we want to lose touch with the field or with our customers – we are at their disposal whenever required!"

For more information visit www.ukstt.org.uk

REMEMBER

Submission Deadline for Awards entries

27.02.10

For further information regarding the event, please contact Val Chamberlain on 01926-330935 or admin@ukstt.org.uk.

Newsletter Sponsorship

Sponsorship of articles including your company details and logo, can also be included at the following rates:

Banner (max. 3cm high) £100

1/4 page (Not on front page) £250

For more information, please contact the UKSTT Secretariat at:

admin@ukstt.org.uk

WHO'S WHO?

For details of UKSTT council officers and staff please check the web site www.ukstt.org.uk or contact the team at Leamington Spa on 01926 330935