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FUTURE PIPELINE TECHNOLOGY

Wednesday 13th April 2005

Britannia Hotel, Bucksburn, Aberdeen

Bar Opens: 17.30 Lectures start: 18.00 Supper 19.30

Chairman: John Lawson, Pipeline Advisor, ChevronTexaco Upstream Europe

The UK sector of the oil and gas business is known for rising to the ever changing market and the associated challenges. The subsea pipeline business is no exception, with tonight's presentations highlighting examples of innovation to meet the challenges of pipeline integrity and cost effective pipeline solutions.

Benefits and Barriers to Plastic Lining

Stuart McIntyre, Boreas Consultants

Stuart will present an overview of the benefits available to the subsea pipeline industry from using plastic lining technology. He will also highlight the barriers that have to date prevented the technology from becoming widely adopted, and some of the solutions Boreas believes will change the status-quo.

Leak Sealing on a Water Injection Line in the Foinaven Field, using Platelet™ technology

Iain Chirside, Brinker Technology Ltd.

Platelet™ technology is a novel method of sealing and locating leaks in pipelines, and this presentation will describe the first ever deployment of platelet™ technology in the field. The outstanding success of the operation in September 2004 has thereby introduced a new tool to provide a means of rapid top-side response to further pipeline failure during the winter months when sub-sea intervention and DSV availability is less than certain.

5 Minute Technology Bite

The "Viking" Pipeline Connector - Stephen Vorley, Marine Direct Consultants Ltd.

The Viking Pipeline Connector is a newly developed and innovative low profile pipeline coupling based on proven sealing technology. It is particularly cost effective and has applications subsea for remote and diver assisted tie-ins, pipe lay, steel catenary risers and may have applications top side where space is at a premium.

*** New members attend FREE - Please see over ***

REGISTRATION FEES: SUT Members £15.00 Non-Members £40.00* SUT Student Members: £5.00

Please complete and return to: SUT, Innovation Centre, Offshore Technology Park, Bridge of Don, Aberdeen, AB23 8GX
Fax: 01224 820236 E.mail. Joyce.bremner@sut.org Phone: 01224 823637

I will pay by cash cheque credit card We can only invoice for multiple registrations.

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Join the Society for Underwater Technology NOW as a Full Individual Member and you



Can attend this evening meeting **FREE**

The charge for Full Individual Membership is £57 p.a. and payment in full must accompany this application.

To become a Full Individual Member of SUT, you must either:

- be aged over 21 years, and
- show a professional interest or experience in the field of underwater technology, and
- be a graduate of a recognised university or hold a diploma from a recognised engineering institution or a qualification of comparable status in a relevant branch of science or technology

or:

- n have held a post of responsibility in the field of underwater technology for not less than three years

Note: If you are a staff member of an organisation that is a Corporate Member of the Society you can already enjoy all the advertised discounted member rates for meetings and publications.

PLEASE PRINT APPLICATION FORM IN BLOCK CAPITALS OR TYPE

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| <input type="checkbox"/> Underwater science | <input type="checkbox"/> Underwater robotics | <input type="checkbox"/> Offshore site investigation |
| <input type="checkbox"/> Ocean resources | <input type="checkbox"/> Marine renewable energies | <input type="checkbox"/> Education and training |
| <input type="checkbox"/> Subsea systems | <input type="checkbox"/> Environmental forces | <input type="checkbox"/> Other (list) _____ |

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I confirm that, to the best of my knowledge, the details given above are correct. I hereby apply for election to/transfer of membership of the Society for Underwater Technology and agree to abide by the Articles of Association of the Society.

Signed: _____

Date: / /

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