

Sponsor:



IRM

Wednesday 14 April 2010

Bar Opens: 1730 Lecture Start: 1800 Supper: 1930

Hilton Treetops Hotel, Springfield Road, Aberdeen

Chairman: Paul Benstead, BP

Through Life Monitoring Providing Subsea Asset Health Checks

Peter Falconer, 2H Offshore

In the past few years there have been a number of subsea components which have failed during operation, presenting significant environmental, safety, and physical costs, which may have been avoided with the use of monitoring combined with an integrity management system. Often the need for monitoring is only appreciated after an expensive failure or prolonged shut-down, or in the worst case a fatal accident. The objective of this presentation is to inform subsea engineers of innovative, retrofitable, on-line monitoring systems which have been developed to monitor the integrity of subsea components including flexible risers, mooring lines and subsea equipment. The presentation aims to inform how the information gathered from such systems can be used to provide key data for a higher level of integrity assurance of these critical offshore components; and hence avoid failures.

Flexible Riser and general Riser Inspection with Electromagnetic Technologies

Andreas Boenisch, Innospection

The Eddy Current based inspection technology SLOFEC provides fast scanning capabilities for corrosion detection at risers through coatings and cladding. The technology and operating tools are further developed to be able to inspect flexible risers. Localised defects, such as corrosion or cracks are the aim for detection at different the layers of the flexible risers. The ROV driven inspection tool operates externally of the riser/pipe providing online condition overview with data for the support of the integrity management of flexible pipe and other subsea pipe.

ROV Deployed Ultra Sonic Inspection (Nautilus 500)

Ryan Phipps, Sonomatic

NEW MEMBERS ATTEND FREE - Please see over

REGISTRATION FEES: *SUT Members £15.00 Non-Members £25.00* SUT Student Members: £5.00*
Please complete and return to: SUT, Innovation Centre, Exploration Drive, Bridge of Don, Aberdeen, AB23 8GX
Fax: 01224 820236 Email: michele.ross@sut.org Phone: 01224 823637 Online: www.events.sut.org.uk

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

Name _____ SUT Member No _____

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Credit Card No: VISA or MASTER CARD ONLY. No: _____/_____/_____/_____ Exp._____/_____

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Amount to be debited £ _____ Signature _____

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 £70 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,
- 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:

- 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

Personal details

First name(s): _____ Surname: _____

Title: Mr Mrs Ms Dr Other _____ Date of birth: / /

Mailing address*: _____

_____ Postcode: _____

Tel: _____ Fax: _____ Email: _____

Academic/vocational qualifications: _____

Current employer: _____

Address: _____

_____ Postcode: _____

Tel: _____ Fax: _____ Email: _____

Current position: _____ Date of appointment: / /

Relevant previous employers (with dates and positions held): _____

Interests

- | | | | |
|---|--|--|--|
| <input type="checkbox"/> Diving | <input type="checkbox"/> Underwater vehicles | <input type="checkbox"/> Offshore structures | <input type="checkbox"/> Subsea systems |
| <input type="checkbox"/> Underwater science | <input type="checkbox"/> Underwater robotics | <input type="checkbox"/> Offshore site investigation | <input type="checkbox"/> Environmental forces |
| <input type="checkbox"/> Ocean resources | <input type="checkbox"/> Marine renewable energies | <input type="checkbox"/> Education and training | <input type="checkbox"/> Other (list) Specialising in: |

Payment

- I enclose a cheque £_____ (*allowing for reductions or airmail surcharge*) payable to the Society for Underwater Technology
- I wish to pay by Visa/Mastercard/Switch (*delete as applicable*); please charge to my account

Card number: _____ Issue Number (Switch cards only): _____/_____

Expiry date: / / Start date: / / Security no: _____ Cardholder: _____

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Postcode: _____ Date: / / Signed: _____

Statement

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: / /

