

# SUBSEA WELL INTERVENTION

## Wednesday 2 September 2009

Bar Opens: 1730 Lecture Start: 1800 Supper: 1930

Hilton Treetops Hotel, Springfield Road, Aberdeen (parking is free)

### Chairman: Tom Leeson, Technology Manager, TSMarine

Subsea well intervention is utilised at all stages during the production life of a field from well start-up through production maintenance to abandonment at the end of the field's life. The challenges for the subsea industry are varied and include issues such as taking control of a well from an intervention vessel and deployment of equipment in adverse weather conditions and deep water. After a brief introduction to well intervention, tonight's guests will speak about current and future subsea technology that is applied to well intervention

### Subsea Lubricators

#### Drummond Lawson, Managing Director, Lewis Ltd

Specialist intervention technologies open new opportunities for Subsea Well intervention. Drummond will review existing subsea well intervention equipment capabilities and will then take a look at how the latest developments of new technologies designed specifically for Subsea Well Intervention are promising to open new possibilities to achieve more and to reach deeper water depths than ever before, without the need to use a drilling rig.

### Subsea Well Intervention Vessel Update

#### Eamonn McGennis, Business Planning, Well Ops (UK) Ltd

Efficient subsea intervention can help improve the economics of all subsea fields. Key to efficiency is the intervention vessel required to deploy the subsea well intervention systems. Well Ops are currently constructing a new subsea well intervention vessel for operations in the North Sea and efficiency has been a key focus. The vessel is equipped with an open multi propose tower which improves access for operations. The deck skidding system simplifies the movement of equipment. The coiled tubing handling package removes crew from the deck area. The presentation will review the new vessel the Well Enhancer and its improved equipment systems.

### Deepwater Riser Deployment System

#### Dick Pearce, Managing Director, Geoprober Drilling

One of the main limitation for small multipurpose vessels to successfully carry out deepwater intervention operations lies on the Safe Working Load of its handling system. The handling systems on most vessels suspend the loads at significant height creating stability problems and greatly reducing the operability envelope and capability of such systems. To overcome this limitation, Geoprober has developed a deepwater deployment system named the Subsea Reverse Derrick, which also improves the stability of the vessel because the heavy loads are suspended and handled below the keel, lowering its centre of gravity.

### **\*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](mailto:michele.ross@sut.org) Phone: 01224 823637 Online: [www.events.sut.org.uk](http://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

- |   |  |  |  |
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| <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): \_\_\_\_\_/\_\_\_\_\_

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### 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:    /    /

