

Sponsor:

AKER KVAERNER™



HPHT - The Next Generation of Challenges

Wednesday 9 May 2007

Bar Opens: 1730 Lecture Start: 1800 Supper: 1930

Ballater Suite, Britannia Hotel, Bucksburn, Aberdeen

Chairman: Alistair Birnie, Aker Kvaerner Subsea Limited

With the global increase in demand for energy, the drive to exploit more difficult reserves becomes ever greater. Significant amounts of hydrocarbons are contained within High Pressure, High Temperature reservoirs that have huge potential value. However, unlocking these reserves relies on sophisticated technologies, and there are still many challenges that will need to be understood and addressed to allow even higher pressures and temperatures to be accommodated. This evening event is focused on looking at some of the key issues around subsea infrastructure and production trees and discussing how these problems could be solved.

Andy Dyson, VP Technology-Trees, Wellheads & Workover Systems, Aker Kvaerner Subsea Limited
HPHT Production - New Frontiers and Challenges

HPHT technology has been around for some time, but extending the working limits of subsea components beyond 175 degrees C brings a new wave of extreme challenges and issues that cannot be resolved with current technologies. This presentation discusses the status of current technologies and highlights key challenges where technology development will be required to meet these demands.

Dr Patrick O'Brien, Group Executive Director, MCS
Impact of HPHT for Flexible Pipe Riser Design

The presentation will highlight issues relating to the design of flexible pipe and steel catenary risers for high pressure, high temperature in deepwater and present some conclusions on work recently performed by the company on an international basis.

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Please complete and return to: SUT, Innovation Centre, Exploration Drive, Aberdeen Science and Energy Park, Bridge of Don, Aberdeen, AB23 8GX, Fax: 01224 820236 E.mail. michele.ross@sut.org Phone: 01224 823637

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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 £65 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*: _____

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Academic/vocational qualifications: _____

Current employer: _____

Address: _____

_____ Postcode: _____

Tel: _____ Fax: _____ Email: _____

Current position: _____ Date of appointment: / /

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

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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.

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Date: / /

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