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# Plumbing the depths in Deep Water Intervention by ROV

13 September 2006

Britannia Hotel, Bucksburn, Aberdeen

Bar Opens: 1730 Lecture Start: 1800 Supper: 1930

**Chairman:** Jim Mann, Global ROV Manager, Fugro Marine Survey Division

**Presenter 1:** Alan Duncan, Managing Director, impROV Limited

**Presenter 2:** Dave "Jock" Nicol, ROV Sales & Marketing Manager, Fugro Survey Limited

**Presenter 3:** Alan Brown, Senior Project Engineer, Oceaneering International

**Introduction:** ROV Systems have, by necessity, gotten smarter over the years and, as we regularly operate in the "Ultra Deep Water" of the Golden Triangle the reliance on the ROV and the Support Team has grown exponentially as the Operators need to solve real challenges on their Subsea Production Systems. The 3 presentations will illustrate to you what is required, not just to undertake the intervention itself but the detailed preparation and procedures that control the activity.

Initially we will set the scene by reminding you of the preparation for intervention that goes into the design and outfitting of the Subsea Production System, even before first steel has been cut on the build. The intervention panels, their interfaces and a quick overview of the plethora of Remote Technology Tooling that is routinely deployed in support of the deep water production will get you thinking and introduce you to the complex tasks that are being undertaken by the ROV and the Teams.

First we will present a Choke Changeout in ultra deep water, a task which only a couple of years ago was considered "cutting edge" and is now almost routine in its execution. This will lead to a "world first" intervention when we describe the organisation and execution of the ROV actually intervening downhole, when the "Full Bore Isolation Valves" (FBIV) were opened by the ROV and its Tooling – an operation which effectively saw the ROV have control of the Well!

As is now the norm for these type of evenings, we hope to provoke discussion and debate amongst the audience and ensure a lively exchange of views.

**5 Minute Tech Bite:** Steve Ham of the Underwater Centre, Fort William: With the ever present people crisis, the Underwater Centre will give us a brief insight into some of the initiatives they have underway.

**\*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, 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: / /

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Academic/vocational qualifications: \_\_\_\_\_

Current employer: \_\_\_\_\_

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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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