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Gulf of Mexico Deepwater Experiences

Wednesday 8th June 2005

Britannia Hotel, Bucksburn, Aberdeen

Bar Opens: 17.30 Lectures start: 18.00 Supper 19.30

Chairman: **Les Dickson, UMAX**

The UKCS has been a major proving ground over the years for the development of subsea technology that can take on, and beat, the challenges which our industry throws out on a regular basis. Of course the UKCS itself lacks the deep water element, which is the prerogative of the "Golden Triangle" of West Africa, Brasil and the US Gulf of Mexico, but many of the people and assets involved in the deep water projects in these areas have been exported from the North Sea. The June 2005 evening meeting brings the experiences from the deep water provinces right to your doorstep, with Technip and Heerema Marine Contractors delivering recent case history presentations on their ultra deep water operations.

Rob Narold, Heerema Marine Contractors

An update to the enhanced capability of the Deepwater Construction Vessel Balder, relating specifically to the project experience from the Mardi Gras Project, plus a highlight of the installation of the Thunderhorse semi, the flowlines and SCR's. Further, HMC will highlight the Benguela Belize Project, which has the distinction of being the first Compliant Tower in West Africa.

Gordon Tough, Technip

Technip's Reel Lay Vessel Deep Blue has conducted some of the most challenging pipelay operations of recent time and this presentation will deliver an insight into the systems used in ultra deep water (predominantly in the US Gulf of Mexico). The presentation will focus on one recent and particularly challenging project located off the West coast of Africa. The Baobab Project, located 85km off Côte D'Ivoire, consists of 8 gas lifted production wells tied back to two manifolds in water depths of 1100 - 1200m. The Deep Blue's scope of work on this project was to install three pipe-in-pipe production pipelines, a gas lift pipeline and their related structures. The presentation will discuss the many challenges associated with this type of field development.

5 Minute Technology Bite

Tim Mawhood, Nowcasting International

Loop Currents Forecasting in Gulf of Mexico

Drilling and sub sea construction operations have to deal with many technical and operational problems in deep water projects. Nature often conspires to frustrate Engineers by generating some difficult operating sea conditions. An marine environmental issue of some magnitude peculiar to the Gulf of Mexico is Loop Current Eddy's which cause varying circulating masses of water reaching significant velocities and depths sufficient to cause concern to even the largest of offshore vessels in the course of sub sea operations. Nowcasting International has a unique model package for forecasting such conditions over a period of some 28 days ahead. This forecasting capability has been made possible by the use of high level modelling of data from various sources and packaged into a credible operational tool for offshore users in the Gulf.

The presentation shall introduce the features of this package and other capabilities

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Please complete and return to: SUT, Innovation Centre, Offshore Technology Park, Bridge of Don, Aberdeen, AB23 8GX
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- | show a professional interest or experience in the field of underwater technology, and
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or:

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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.

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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.

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