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Sea Fever: Marine Renewables....

"the call of the running tide"

8 November 2006

Britannia Hotel, Bucksburn, Aberdeen

Bar Opens: 1730 Lecture Start: 1800 Supper: 1930

Chairman: Bill Edgar (Chairman, EMEC and Subsea UK)

Wave and tidal stream energy (marine renewables) have the potential for bulk electricity supply on a global scale. It is currently estimated that between 15% and 20% of current UK electricity demand could be met by marine renewables. Some estimates indicate capital expenditures to be deployed across Europe on wave and tidal stream development could be as much as £5 billion up to the year 2020.

The meeting tonight provides an insight into the interest that has gathered momentum over the recent years. It presents an opportunity for underwater technology developers to learn more about this arena, the technical priorities, some current projects, and the potential support, both financial and technical, which is available for the development of marine renewables ... "a wild call and a clear call that may not be denied". (*Thanks to the poet John Masefield for the quotes*).

Our speakers for the evening are:

John Aldersey-Williams. On behalf of the Carbon Trust, John Aldersey-Williams will tell us about the Marine Energy Accelerator - a new initiative from the Carbon Trust which will provide support for device technologies, component technologies and installation and operations and maintenance research for marine renewables.

Neil Kermode, Managing Director of EMEC, Stromness, Orkney, will provide his own view of the marine renewables market and tell us more about the facilities available at EMEC for research into marine renewables.

David Grant, Regional Manager of SMD Hydrovision, Newcastle upon Tyne, will present the development of the SMD Hydrovision TidEl system which is a floating free-stream tidal turbine system. The presentation will include aspects of the tidal resource in the UK and why the TidEl design is ideally suited to the resource and a history of the development of TidEl so far and factors affecting the future path of the development.

TechBite: **Brian Green,** BSW Ballgrab Ltd. "Move it, moor it, pull it, push it, pick it up, put it down, hold it, let it go, Ballgrab it!"

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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.

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