

Advances in Metocean Engineering

Thursday 9th August 2007

Melbourne Hotel (John De Baun Room), **Corner of Hay & Milligan Street, Perth**
Bar Opens 5:30pm: Presentations Start at 6:00pm: Drinks and Canapés 7:30pm

Chaired by: **Adam Brumley**: General Manager, AMOG Consulting Pty Ltd



With increasing concerns over our changing environment the challenge has been set for our metocean engineers to develop a robust design basis for our offshore assets and operations. Australian metocean service providers provide an account of current advances in development of design criteria and the consideration of their view on the risks to assets in the future.

The Impact of New Approaches on Metocean Design Criteria

Steve Buchan: Managing Director, Metocean Engineers Pty Ltd



Engineering consultants are constantly striving to improve design practice for the offshore Oil & Gas industry. Fundamental to this, is the push to improve methods for development of metocean design criteria. This presentation will illustrate some of the new approaches to criteria development that MetOcean Engineers have implemented, and discusses their impact on design. The guiding principle is to remove as much conservatism as possible from the estimation process, whilst remaining consistent with the empirical foundations of design practice.

Implications of Climate Change

Dr Andrew McCowan: Director, Water Technology Pty Ltd



With increased public awareness, climate change associated with global warming has become a political, as well as a scientific issue. Along with increased temperatures and sea level rise, climate change is also predicted to result in an increase in the frequency and intensity of storms. This presentation will briefly describe the scientific background to these predictions, review the range of scenarios predicted for our region and discuss the implications for the design and operation of offshore, sub-sea and shore-based facilities.

REGISTRATION FEES: SUT Members \$10: Non-Members \$30*

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To help reduce registration time on the night, SUT would appreciate if you could register and pay for this event in advance. To do this please e-mail Wendy Buchanan on SUT@lmts-eng.com with delegate name, affiliation and credit card details, or if you prefer call 9481 5800 with above details. If unable to pre register, registration and payment will still be accepted on the night.

