

NWS Seabed Intervention

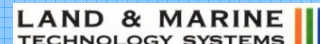
"Between a Rock & a Hard Place"

Wednesday 8th April 2009

Melbourne Hotel (John De Baun Room), Corner of Hay & Milligan Street, Perth

Registration / Bar Opens 5:30pm: Presentations Start at 6:00pm: Drinks and Canapés 7:30pm

Chaired by: **Ben Witton**, Project Engineer, Land & Marine Technology Systems



AGR – Breaking New Ground in Seabed Excavation

Rohan Inglis, Operations Manager, AGR Drilling Services



AGR have developed a range of water powered tools for the deepwater excavation market, expanding on their high efficiency hydraulic tools already available for the 5m – 150m water depth applications. The new range of tools, successfully trialed in Deep Water North Sea, opens up a host of possibilities for seabed intervention, providing new solutions to new and existing seabed problems.

The ClayCutter X in particular has been proven to provide an effective solution for seabed intervention in a variety of soil conditions, and on various seabed angles, which makes it highly suitable for many areas of Australia's North West Shelf.

Trenching – an effective secondary pipeline stabilisation method for the North West Shelf

Pierre Boyde, APAC Regional Manager & Marcus Hemsted, Technical Sales Manager, CTC Marine Projects Ltd.



CTC Marine Projects Ltd has recognised an industry requirement for cost effective trunkline stabilisation on Australia's North West Shelf and has responded by building the world's largest subsea mechanical trencher specifically for this market. Trenching is seen as having less impact on the environment and being more cost effective when compared to current alternative trunkline stabilisation methods. The presentation details CTC's largest mechanical trencher [RT1], and the perceived benefits that the trenching of pipelines will bring to the marketplace.

Between a Rock and a Hard Place – If you cannot beat the rock, join it

Hans Luijtenburg, Regional Manager, Van Oord Asia Pacific

Pitrik van der Wal, Regional Representative Asia Pacific, Van Oord Offshore Asia Pacific



For pre-lay intervention, pipeline protection or stabilisation, pre-trenching and/or Subsea Rock Installation provides a solution for the complete range of Geophysical and Geotechnical Conditions.

Van Oord is a specialist in pre-trenching techniques for a wide range of geophysical conditions, with a large "state of the art" dredging fleet suitable for trenching. We also own surface support vessels and operate equipment to support Post Trenching Operations.

Van Oord is a market leader on Subsea Rock Installation, with projects worldwide in water depths of up to 1,200 meter, for which it has a fleet of modern and innovative vessels. Subsea Rock Installation can be applied almost independent of soil conditions and risks of failure during installation are negligible.

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If unable to pre register, registration and payment will still be accepted on the night.