



Subsea Australasia Conference 2011

Global Pipeline Buckling Symposium

Wednesday & Thursday 23, 24 February 2011 – 2 Day Session
Meeting Room Three, Perth Conference & Exhibition Centre, WA

Sponsored by:



Hosted by:



Day 1 Wednesday 23 February 2011

Time	Session Details
9.00 am – 9.05 am	Welcome and introduction Chairman - Prof. Alastair Walker, Pipelines Analysis Consultant, INTECSEA
9.05 am – 9.30 am	Pipeline Global Buckling - An Operator's Perspective Andrew Pearce, Principle Pipeline Engineer, Woodside Energy Ltd.
9.30 am – 10.00 am	Limit states and lateral buckling Andrew Palmer, Keppel Chair Professor, Centre for Offshore Research and Engineering, Dep. Of Civil Eng., National University of Singapore
10.00 am – 10.30 am	SAFEBUCK - Lateral Buckling and Pipeline Walking Overview D.A.S. Bruton, Senior Advisor, Atkins Boreas
10.30 am – 11.00 am	Break
11.00 am – 11.30 am	What is out there of guidance: Pro's, Con's and future Development Leif Collberg, Senior Principal Engineer, DNV
11.30 am – 12.00 am	Lateral Buckling Design and Field Verification Lim Kok Kien, Pipeline Engineer, JP Kenny Sdn Bhd
12.00 pm – 1.30 pm	Lunch
1.30 pm – 2.00 pm	Measurement techniques to monitor structure settlement and pipeline movements Bill Russell-Cargill, Survey & Inspection Manager, DOF Subsea
2.00 pm – 2.30 pm	Advanced Finite Elements Analysis of Pipe-in-Pipe Lateral Buckling in Deepwater Environments Philip Cooper, UK Operations Director, INTECSEA
2.30 pm – 3.00 pm	Break
3.00 pm – 3.30 pm	Experiences in Buckling Design of Pipelines Laid on Very Irregular Seabed Knut Tørnes, Chief Engineer Pipelines, JP Kenny Norway
3.30 pm – 4.00 pm	SMARTPIPE Second Offshore Deployment: observations of axial pipe/soil response Jean-Christophe Ballard, Senior Engineer, Fugro Engineers SA/NV
4.00 pm	Wrap and Close

Disclaimer: The conference program is accurate to date; Diversified Events reserves the right to make changes to the program at any time as circumstances dictate. Every effort will be made to ensure a program of equivalent standard and value is available should unavoidable changes occur.

Last modified 7/12/10



Day 2 Thursday 24 February 2011

Time	Session Details
9.00 am – 9.05 am	Welcome and introduction Knut Tørnes, Chief Engineer Pipelines, JP Kenny Norway
9.05 am – 9.30 am	Assessment of Numerical Modelling of HTHP Pipeline Lateral Buckling with Complex Soil Friction Prof. Alastair Walker, Pipeline Analysis Consultant, INTECSEA, Perth
9.30 am – 10.00 am	Numerical Modelling of Pipe-soil interaction for lateral buckling Prof. David White, Professor, UWA
10.00 am – 10.30 am	Two Geotechnical Aspects of Lateral Buckling Design: on-bottom embedment, and off-bottom support design George Zhang, Principal Geotechnical Engineer, Advanced Geomechanics
10.30 am – 11.00 am	Break
11.00 am – 11.30 am	Lifetime ECA Evaluation of Locally Buckled Pipelines with Fractures Espen Gilbu, General Manager, IKM Ocean Design Australia Pty Ltd.
11.30 am – 12.00 am	Strain capacity of lined pipe girth welds for HP/HT flowline applications Andrew Low, Metallic Materials Technology - Supervising Engineer, INTECSEA UK
12.00 pm – 1.30 pm	Lunch
1.30 pm	Session Open and Introduction Chairman - Stephen Rivers, Business Acquisition & Engineering Director, Peritus International
1.35 pm – 2.00 pm	Force-resultant Plasticity Models for Analysis of Lateral Buckling: are they really needed? David Cathie, Principal, Cathie Associates
2.00 pm – 2.30 pm	Experiences and learning applied to current global buckling analyses Emil Maschner, Principal consultant, JP Kenny Ltd.
2.30 pm – 3.00 pm	Break
3.00 pm – 3.30 pm	Prediction and Mitigation of Pipe Walking of Flowlines on soft Soils and Sloping Seabeds Colin McKinnon, Technical Director, JP Kenny Limited
3.30 pm – 4.00 pm	The Suitability of CRA Lined Pipes for Flowlines Susceptible to Lateral Buckling. Duncan Wilmot, Technical Manager, Cladtek International, Perth, Australia
4.00 pm	Wrap and Close

For full Subsea Australasia Conference 2011 details please visit www.subseaconference.com.au

Disclaimer: The conference program is accurate to date; Diversified Events reserves the right to make changes to the program at any time as circumstances dictate. Every effort will be made to ensure a program of equivalent standard and value is available should unavoidable changes occur.

Last modified 7/12/10