UK Industry Seminar

Integrity management of unbonded flexible pipelines,

Pittodrie Hotel, Inverurie

27 November 2008

Programme
Unbonded flexible pipelines and risers are complex multi-layered pipeline systems with many different failure modes.

In the climate of an increasing population of offshore flexible pipelines and risers, HSE has observed a continuing series of incidents involving the failure or degradation of unbonded flexibles. Whilst none of the UK failures to date has resulted in any serious injuries, the major accident potential from such incidents is very clear. This has further highlighted the need for improvements in the application of flexible pipeline integrity management good practice across the UK offshore industry.

This one day event is focused on sharing learning and experiences across the Industry in relation to unbonded flexible pipeline:

- integrity management good practice
- research & development
- failures & incidents
- related standards and guidance

For further HSE information on pipeline related issues go to: [http://www.hse.gov.uk/pipelines/index.htm](http://www.hse.gov.uk/pipelines/index.htm)
Integrity management of unbonded flexible pipelines

Seminar programme

09.00-09.30 Registration and Coffee
09.30-09.55 Introduction and Background Health & Safety Executive

Perspective from Norway / Update of standards
09.55-10.20 Perspective on Integrity Management of Unbonded Flexibles Petroleum Safety Authority
10.20-10.45 Update on Revision of API/ISO standards and UKOOA Guidance MCS Advanced Subsea Engineering
10.45-11.05 Coffee Break

Failure Modes and Integrity Monitoring Practice
11.05-11.30 Integrity Monitoring and Failure Modes of Flexibles 4 Subsea AS
11.30-11.55 Flexibles Integrity Management interfaces Technip

Research & Development (Inspection & Monitoring, New Technology)
11.55-12.20 Application of acoustic & strain sensing to data acquisition on flexible pipes Wellstream
12.20-12.45 Advances in Fibre Optic Condition Monitoring of flexible pipes NKT Flexibles
12.45-13.30  Lunch Break

13.30-13.55  Update on HOIS JIP work and MAPS-FR for monitoring armour wire integrity and detecting failed wires  
             ESR & MAPS Technology

13.55-14.20  Flexible Riser Inspection Tool Innospection

14.20-14.40  Tea Break

14.40-15.05  Annulus Integrity Management - A New Approach Flexlife

Flexible Pipelines and Risers – Experience from projects and operations

15.05-15.30  Flexible Riser Integrity Management Experience from West of Shetland BP Exploration Operating Company Ltd

15.30-15.55  Flexible Riser Integrity Management Experience from Uisge Gorm Bluewater/MCS

Summing up

15.55-16.10  Questions/Discussion

16.10-16.15  Seminar closes