FLEXIBLE RISER TECHNOLOGY

ONE DAY SEMINAR
TUESDAY MAY 12th 2009

MARINE TECHNOLOGY CENTRE
TRONDHEIM

INTRODUCTION
Flexible risers are a key part of floating production systems for oil and gas. The design of flexible risers involves a large number of different wall components and associated failure modes. Flexible riser technology is under continuous development, and so are design methods.

The aim of the Seminar is to gather people that are involved in the development of flexible riser technology, to share knowledge and experience.

MARINTEK/SINTEF is responsible for a Joint Industry Project Corrosion Fatigue of Armour Wire for Flexible Risers. The JIP has been running since 2001, and Phase IV started December 2008. The JIP Steering Committee will meet in conjunction with the Seminar.

We look forward to interesting presentations and discussions.

REGISTRATION
Please note the registration form at the end of the program. The deadline for registration is

Monday April 27th

Welcome to Trondheim!

Oddvar Eide
Acting President
MARINTEK
08.30  Registration

09.00  Opening, welcome

09.10  SESSION 1:  Service Experience

- Flexible Pipe - Experiences and Challenges
  Kjell Anfinsen, Petroleum Safety Authority of Norway

- Veslefrikk flexible risers - Experience from 20 years of operation
  Einar Øren, StatoilHydro

- Flexible Riser Integrity Management Experience West of Shetland
  David Charlesworth, BP

Title to be supplied

COFFEE BREAK

11.00  SESSION 2:  Design I

- Alternative formulations for predicting dynamic stresses in flexible pipes
  Svein Sævik, Reinertsen Engineering

- 3D challenges in flexible pipe cross section analysis
  Jan Muren, Svein Are Løtveit, 4Subsea AS

- Reliability Assessment and Residual Lifetime of Flexible Risers with Escalating Corrosive Environment
  Bernt Leira, MARINTEK / Norwegian University of Science and Technology

- Flexible pipe capability improvements for deep water applications
  Antoine Felix Henry, Technip FlexiFrance

12.20  LUNCH
13.30 SESSION 3: Design II

Comparative risk analysis of old unbonded flexible assets
Jean Philippe Roques, Total

Title to be supplied

Fatigue assessment of flexible risers for design and operational support based on irregular sea modelling
Håkon Ward, Rune Haakonsen, SEAFLEX

COFFEE BREAK

15:00 SESSION 4: Materials and Design

Effect of volatile amines on PVDF
Einar Øren, StatoilHydro

Hydrogen embrittlement sensitivity of extra high strength steels
Roy Johnsen, Norwegian University of Science and Technology

Testing and assessment of risk of fretting fatigue in pressure armour of high pressure flexible pipes
Richard Clements, Wellstream

16.00 CLOSURE

18.30 DINNER - venue to be announced

All participants to the Seminar are cordially invited to an informal dinner.
REGISTRATION FORM

NAME: 

ORGANISATION: 

12 MAY: OPEN DAY SEMINAR
12 MAY: DINNER

JIP MEETING (JIP participants only):
13 MAY: CORROSION FATIGUE

To be returned within Monday April 27th to:

oddrun.nordgaard@marintek.sintef.no

or:

Fax: +47 7359 2660

If you need advice on travel and/or hotel, please contact us.

Venue for the seminar and the JIP meeting:
Marine Technology Centre, Otto Nielsensv. 10, Trondheim
15 min. with taxi from central Trondheim.