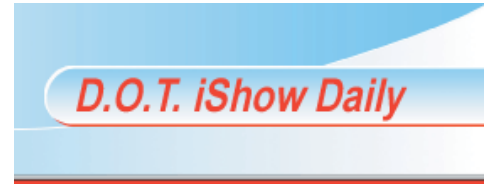


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**D.O.T. iShow Daily
November 4, 2009**

:: NEWS FROM MONACO

:: Offshore production, spend to grow

Total offshore spend is forecast to grow from \$260 billion in 2008 to \$360 billion in 2013, according to John Westwood. Westwood, in his industry forecast at the opening plenary at DOT in Monaco on Tuesday, Nov. 3, says the world will increasingly rely on offshore and deepwater.

:: FPSO outlook is improving for 2010, SBM says

From one contractor's perspective, the FPSO outlook is improving for 2010, Tony Mace, CEO of SBM Offshore said during the opening plenary at DOT in Monaco. Mace says there is potential for five total FPSO awards by the end of this year, which is up from zero during the previous year or so.

:: Project costs must reflect current economic environment

Project costs must reflect the current economic environment, says Frederic Garnaud, RD program manager surface technologies, Total E&P. "We have to optimize the design of our projects and review our contract terms," he said during the keynote at DOT. Garnaud warns that they may have to postpone some projects if costs do not come down.



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:: TECHNICAL HIGHLIGHTS

:: Coordination critical to timely FPSO delivery

Contractors have become more skilful at managing schedules for large FPSO projects, according to a presentation by Technip at the Deep Offshore Technology Conference. During a sustained spell of major delays and cost overruns affecting FPSOs in the 1990s and early 2000s, the industry's reputation suffered, claimed the authors Brian Roberts and Jacques Vende.

:: High-pressure, multi-phase subsea pumps enable deeper water production

A joint industry project (JIP) on pumps has developed technology that generates a higher differential pressure for ultra deepwaters, longer tiebacks, and high-boost dependent fields. Arne Olsen of Framo Engineering described the results of the High Boost Multiphase Pump Project to the Deep Offshore Technology Conference meeting this week in Monaco.

:: An overview of the Thunder Hawk deep draft semi FPU

At DOT 2009, SBM Atlantia (SBMA) and Murphy Exploration & Production Co. presented an overview of the *Thunder Hawk* deep draft semisubmersible floating production unit, currently deployed in deepwater in the Gulf of Mexico. The facility was installed offshore Louisiana in Mississippi Canyon (MC) 736 in 6,060 ft (1,847 m) of water, and is producing from the Thunder Hawk field located in MC 734.

:: The advent of the dry tree, extendable draft "E-Semi"

Attendees of the DOT conference were presented with an overview of the "E-Semi", an extendable draft

semisubmersible. Conference presenters Anis Hussain and Edwin Nah of the Deepwater Technology Group at Keppel FELS and John Murray and Christopher Barton of FloTEC demonstrated that the E-Semi has motion characteristics close to that of a SPAR when the second tier pontoon (STP) is extended, and is able to maintain the draft of a conventional semi-submersible when the STP is retracted.

:: ECA to showcase hull inspection ROV

Subsea engineering specialist ECA is presenting its latest inspection ROV this week at the Deep Offshore Technology International conference. Roving Bat – a hybrid free-flying ROV/crawler – has just completed industry-witnessed underwater trials at Portland Harbour on England's south coast.

:: Lankhorst Ropes unveils faster deepwater mooring line connectors

Lankhorst Ropes Offshore Division (LROD) has unveiled the LankoFirst range of fiber rope connectors for deepwater mooring systems at the Deep Offshore Technology Conference. The new range, developed by subsea mooring connector specialist, First Subsea and LROD worldwide agent, Offspring International, are designed to ease the connection and deployment offshore of deepwater fiber mooring lines.

:: TECHNICAL PROGRAM

:: Track 1 - Floating Production Systems • Mooring & Station-Keeping • Project Management

11:00 – 11:30 Developments in Deepwater Mooring Technology for Spars, Floating Production Units, FPSO and STP/STL Buoys

Paul Hughes, First Subsea

11:30 – 12:00 P53 Turret – The World's Largest Turret Mooring System

Zhibin Zhong, SBM-Atlantia Inc.

12:00 – 12:30 Lightweight Synthetic Mooring Lines with Constant Stiffness

Rinze van der Schuit, FibreMax BV

12:30 – 14:00 DELEGATE LUNCH

14:00 – 14:30 Added Value From the Numerical Assessment of Converted and New-Built Floating Units

Jose Esteve Otegui, Bureau Veritas

14:30 – 15:00 Blending to Upgrade Heavy Oil, the Study Case of the First FPSO in the Gulf of Mexico

Dr. Carlos Garcia-Valenzuela, Pemex E&P

15:00 – 16:00 COFFEE BREAK

16:00 – 16:30 A Non-Intrusive Solution for Monitoring Load on Mooring Systems and Risers

Jean-Jacques Quesnel, CYBERNETIX SA

16:30 – 17:00 HMPE Mooring Lines in Deepwater MODU Mooring Systems Show Reliable Performance and Survival in Latest API 95F Storm Conditions

Jorn Boesten, DSM Dyneema

:: Track 2 - Subsea Technology • Subsea Boosting & Processing • Flowlines & Pipelines

11:00 – 11:30 Leaking Subsea Valves; Identification, Quantification, and Monitoring by Using Ultrasonic Systems

Olav Brakstad, ClampOn

11:30 – 12:00 An Innovative Subsea Intervention System for Arctic and Other Harsh Weather Conditions Offshore Fields

Alain Fidani, CYBERNETIX

12:00 – 12:30 Installation of Large Subsea Package

Francois Petrie, Oceanide

12:30 – 14:00 DELEGATE LUNCH

14:00 – 14:30 Active Pipeline Supports – Solutions for Enhanced Pipeline Tie-in Flexibility and Pipeline Life Cycle Load Alterations

Ronny Haldorsen, Nemo Engineering AS

14:30 – 15:00 Internal Weld Scanning - Its Coming

Dr. Tim Clarke, OMS

15:00 – 16:00 COFFEE BREAK

16:00 – 16:30 Pipe Watch: A Cost-Effective Solution for Pipelines Lateral Buckling/Walking Detection and Monitoring

Yves Chardard, Subsea Tech

16:30 – 17:00 Buckle Initiation and Walking Mitigation for HP/HT Pipelines
Daniel Carneiro, Bureau Veritas Group

:: Track 3 - Field Development/Lessons Learned • Well Construction • Asset Management • Flow Assurance

11:00 – 11:30 Integrity of Flexible Pipe - A New Approach
Carl-petter Halvorsen, Flexlife Ltd.

11:30 – 12:00 Akpo Riser Integrity Monitoring System-Design, Deployment, Commissioning, and Start-Up
Tasneem Abbasi, BMT Scientific Marine Services

12:00 – 12:30 How to Handle Internal Corrosion Issues for Deepwater Projects?
Julien Verdeil, Saipem SA

12:30 – 14:00 DELEGATE LUNCH

14:00 – 14:30 Deepwater Geomechanics Models: Applied to the Well Design and Production Plan
Dr. Anna Paula Duarte, Schlumberger

14:30 – 15:00 Costly Shoe Track Drilling Practices Evaluated: A Summary of Lessons Learned, Proposed Best Practices and Software-Driven Recommendations
Hank Rogers, Halliburton

15:00 – 16:00 COFFEE BREAK

16:00 – 16:30 The World's largest MODU Concept – How, Why, and Where
Jon Erik Borgen, Inocean

16:30 – 17:00 Ultra-High Pressure Riser for Deepwater Drilling & Completion
Karim Jan, Subsea Riser Products

:: SCHEDULE OF EVENTS

:: Exhibition Schedule

Wednesday

08:00 - 18:00 Registration Open - Esplanade

10:00 - 18:00 Exhibition Open - Ravel & Diagliiev

09:00 - 17:30 Conference - Level -2

13:00 - 14:30 Delegate Lunch - Diagliiev

:: Panel & Webcasts

09:00 - 10:00 PANEL DISCUSSION - SUBSEA BOOSTING AND PROCESSING

ROOM: AURIC

Moderators:

David Morgan, Cameron

Jan T. Lisztwan, Nexen Petroleum USA Inc.

Panelists:

Jerome Woirin, Deep Offshore RD Project Manager, TOTAL

Arne Olsen, Sales Manager Pumps & Subsea Systems - Eastern Hemisphere, Framo Engineering

K. Janardhanan, Risk and Integrity Manager, INTECSEA

Giovanni Chiesa, Technical Director, Saipem/Saibos Division

Knut Nyborg, VP, Subsea Processing & Boosting, Aker Solutions

10:00 – 10:45 WEBCAST RECORDING SESSION - ADVANCES IN DEEPWATER & SUBSEA DESIGN

ROOM : APOLLINAIRE

• Steel Catenary Riser Systems for Ultra Deepwater FPSO Applications Xavier Connaulte, SBM Atlantia

• Drilling Riser Analysis for Deepwater Harsh Environments

Dara Williams, MCS

• Prepare the Unknown – The New Paradigm for Operating Underwater; Manfred Lueth, KOLPI S.A.S.

• How New Technologies Can Unlock Reserves in Deepwater Developments?

Marie-Kathleen Decrin, Saipem

• Inspection Methods, Equipment and Software Needed to Reach Deep Energy Reserves

George Sfeir, Technical Industries, Inc.

15:00 – 15:45 WEBCAST RECORDING SESSION - FLOWLINES & PIPELINES

ROOM: APOLLINAIRE

- : Temperature Monitoring of Pipeline
Kacher Azedine, Schlumberger
- Brushes for Pipeline Cleaning
Dr. Douglas Batzel, Galaxy Brushes
- A Present Day Requirement for Economic Transportation
Harish Chandra, Indian Oil Corp.
- A Novel Technique for Producing Metalclad Pipe
Nate Ames, EWI
- "Integrated Thinking" - The Key to Optimized Field Development Solutions
Richard Heard, Xodus Group

:: Special Events

17:00 – 18:00 Champagne Reception - Salon Le Genois

Why should attending a conference and exhibition not include an element of fun? Everybody needs to unwind, so why not do it at DOT Monaco's Champagne Reception?

Located Salon Le Genois and open to exhibitors, conference delegates and visitors, you can relax and reflect on the day's proceedings while enjoying Champagne.

:: FROM OFFSHORE MAGAZINE

:: Better reservoir management with 4D Global Inversion

Global 4D Inversion is one of a new breed of true 4D algorithms to help squeeze the most out of 4D seismic investments to improve recovery and to get the most out of producing reservoirs. Together, the combination of 4D Global Inversion and 4D Bayesian fluid classification reduces the uncertainty in 4D seismic interpretation and provides quantitative results in an intuitive framework.

:: Ontology of Operations can streamline completions, workovers

A Petrobras offshore business unit is applying Deming's well-known PDCA Cycle (Plan, Do, Check, and Act) to continuously optimize well completions and workovers. A system based on Ontology of Operations aids this process of continuous improvement. This method defines intervention planning as a sequence of standardized operations.

:: Establishing a 'central nervous system' for offshore operations

Whether it is smart wireless platforms or continuous downhole information monitoring, effective process control and asset management is all about taking greater control over the production process. An important way to achieve this is through developing a "central nervous system" for offshore operations to give greater predictability in operations and production, more efficient use of people, and to improve reservoir performance.

:: OFFSHORE SPONSORED EVENTS



Offshore Middle East Conference & Exhibition
October 27 – 29, 2009
Manama
Kingdom of Bahrain
<http://www.offshoremiddleeast.com/index.html>



Deep Offshore Technology International
Conference and Exhibition
November 3 – 5, 2009
Monte Carlo
Monaco
<http://www.dotinternational.net>



Deepwater Operations Conference & Exhibition
November 10–12, 2009
Galveston, TX
United States
<http://www.deepwateroperations.com>



Offshore West Africa Conference & Exhibition
March 23 – 25, 2010
Luanda
Angola
<http://www.offshorwestafrica.com>

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