INTERNATIONAL ASSOCIATION OF DRILLING CONTRACTORS



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IADC Future Technology Subcommittee Meeting 9:30 am, Tuesday, 28 August 2012 IADC – Houston, TX

Attendees:

Rolf Gullaksen, Cameron F. Scott Zinger, CNPC Han Tiebout, Gusto MSC Bob Warren, IADC Charles Graff, Kittiwake Americas Thomas Geehan, M-I Swaco Jay Pickett, National Oilwell Varco Jim Weir, National Oilwell Varco Dustin Torkay, Seadrill Americas Jan Brakel, Shell International E&P

Minutes:

- BOP Technologies & Challenges Workshop Stavanger October 30th. Hosted by Seadrill & Statoil. a. Goals:
 - i. What are needs of deepwater BOPs in next 10 years?
 - ii. Identify pains of Operators, Drilling Contractors and OEMs wrt BOPs.
 - iii. Foster discussion between BOP technology developers and users.
 - b. Workshop Mission Statement
 - i. To identify industry pains and future technology needs of deepwater BOP equipment.
 - c. Topics of possible discussion:
 - i. Discuss whether BOPs are a safety system or an operational piece of equipment.
 - ii. Define "What is a BOP?" Each presenter to define in their presentation.
 - d. Workshop Presentations (25 min presentations)
 - i. Operator Presentation Statoil committed (presenter TBD)
 - ii. Contractor Presentation Seadrill (Per Wolf, COO)
 - iii. OEM Presentation Cameron (Rolf Gullaksen to provide potential speaker list)
 - iv. Regulatory Presentation IADC (presenter TBD)
 - v. Guided Roundtable Discussion- Moderator: Dustin Torkay, Seadrill. Participants
 - 1. Operator Statoil
 - 2. Contractor -Seadrill
 - 3. OEM CAM or GE
 - 4. Regulatory body NORSOK (IADC as backup)
 - 5. Disruptive Technology provider Options.
 - o Ocean Riser AGR
 - SPEX explosive shearing
 - Geoprober electric BOP control system
 - Enovate new shear ram design
 - e. Location:

Quality Airport Hotel Stavanger

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Stavanger Norway 10:30-16:30 Registration Limited to 100 people. 80 Euro Registration Fee.

- e. Sponsorships Ideas: Event Sponsor? Cocktails?
- f. Event Marketing

- Website Update with additional information. Include outline agenda with confirmed speakers/companies participating.

- Send out save the date.

Houston BOP workshop to be repeated in same format in January 2013

3. Next meeting Date 27 September 2012 at 9:30am