

INTERNATIONAL ASSOCIATION OF DRILLING CONTRACTORS



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IADC Advanced Rig Technology Committee
10:00 A.M., Friday, 6 May 2011
IADC, Houston, TX

Attendees:

Dustin Torkay, Archer
Bill O'Grady, Athens Group
Oyvind Smogeli, Marine Cybernetics
Jan-Tore Ervik, Marine Cybernetics
Tom Geehan, MI Swaco
Nathan Kinert, National Oilwell Varco
Hugo Valdez, Pride International
Jan Brakel, Shell International E&P
Rolf Gullaksen, TTS Energy

Minutes:

1. Introductions
2. Committee objectives reviewed
 - a. Identify Industry Technology Gaps
 - b. Actively Encourage Technology Transfer
 - c. Report Findings to the industry.
 - d. Develop technology outlook??
 - i. Discussed that there appears to be a 15 year typical adaption cycle.
 - ii. Useful to develop a technology road map (Mores law doesn't appear to apply to this industry)
 - iii. Suppliers should be developers of new technology.
3. Proposed Workshop topic "Drilling Assets Optimization" aka (condition monitoring).
 - a. Workshop put on back burner for now.
4. Consensus at the meeting was that this may not be the best item to focus on. It may be of more value to re check the pulse of the industry and host a full day workshop on the 'Rig of the Future' in conjunction with ART conference (maybe, need to clear and look at scheduling and logistics with IADC).
 - a. Look at high level goals.
 - i. What are key attributes to a rig of the future?
 1. Reduced environmental footprint.
 2. Personnel reduction.
 3. Lower cost per ft. drilled?
 4. Critical decision making failsafes?
 5. Etc.
 - ii. What is important and why?
 - b. Structure workshops with cross section of industry.
 - c. Invite key attendees.
 - i. Operators
 - ii. Drilling Contractors

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- iii. Service companies
- iv. OEMs
- v. Ship yards/rig builders (their influence is too often ignored)
- vi. Other key parties?
- d. Road map will be guide for workshop.
 - i. Next meeting will focus on creation of this road map.
- 5. Committee chair HW:
 - a. Email all members to provide update and direction of committee and solicit higher involvement.