

INTERNATIONAL ASSOCIATION OF DRILLING CONTRACTORS



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IADC Advanced Rig Technology Committee Meeting
8:30 am, Wednesday, 11 August 2010
IADC – Houston, TX

Attendance:

Wayne Tordon, Automated Rig Technologies Ltd.
Dave Fetterly, GustoMSC
Christopher Goetz, Kingston Systems
Andres Gurdian, National Oilwell Varco
David Reid, National Oilwell Varco
Andy Shelton, National Oilwell Varco
Barry Baker, Omron Oilfield & Marine
Clinton Chapman, Schlumberger
Dustin Torkay, Seawell Americas
Gino Villanueva, Seawell Americas
Wayne Cantrell, Siemens Energy & Automation
Terry Loftis, Transocean

Minutes:

David Reid opened the meeting and everyone introduced themselves.

David Reid reviewed the Anti-trust guidelines in brief and directed people to review the details of the guidelines.

- Update on DSATS (Drilling Systems Automation Technical Section) Meeting
 - There will be a DSATS COMMS Teleconference on September 1st, 2010 and a meeting before SPE ATCE 2010 in Florence, Italy.
 - A good opportunity for getting people in the same room from IADC ART Committee and DSATS will be during the SPE Forum event in Paris, from 10th-15th October.
- Drilling Control Systems Subcommittee
 - This subcommittee has been actively cooperating with DSATS in regards to standardization/guidelines for integration of downhole tools and surface drilling equipment.
 - There is consensus that OPC UA is the platform to build on. However, OPC UA only provides the protocol and not the operation itself. Security is becoming a concern on drilling controls.

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- Mike Killalea will draw more attention to the Subcommittee through IADC. Terry Loftis will appear on an interview by IADC as part of the exposure initiatives.
- David Reid will provide contacts to include more participants on the subject of rig automation.

- Future Technology Subcommittee
 - The Stick-Slip Mitigation Workshop on July 15th, 2010 was a success and had over 100 attendees.
 - Feedback from people who attended indicated an event specific to Stick-Slip was a great idea and a valuable conference to attend.
 - Presentations during the conference as well as the roundtable discussion had very positive results.
 - In retrospect, some of the presentations may have been slightly commercial but this is consistent during most industry events.
 - There are no voting machines reserved for the Future Technology Workshop. The Subcommittee needs to find a sponsor for these. Dustin Torkay and Keith Womer will come up with a list of questions that can be included before each session in order to involve the audience.
 - After going through the list of people that will be attending the event, it was suggested that people from companies that have not yet registered be invited. The conference needs to grow the Operator presence.

- Reliability and Guidelines Subcommittee
 - Top Drive Survey – More people have completed the survey and working on getting the rental fleets involved. Mike Killalea is also working on getting the partially filled surveys completed. Participation is still low and bigger efforts need to be made. The Top Drive survey will only make sense once everyone has completed it.
 - There has also been an issue with anonymity; people need to be re-assured that no “finger-pointing” will occur.
 - Mike Killalea will be meeting with the Maintenance Committee in order to study the possibility of creating a general NPT survey as well.
 - More photographs are needed to place in the Technology Value Guide.

- Conferences
 - IADC has endorsed the D&C Trouble Zones Conference on October 19-21, 2010.

- Next Meeting Date
 - Wednesday, 15 September, 2010 – 8:30A.M