

INTERNATIONAL ASSOCIATION OF DRILLING CONTRACTORS



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IADC ART Drilling Control Systems Subcommittee Meeting
8:30 am, Tuesday, 8 March 2011
IADC – Houston, TX

Attendance:

Brad Rosenhagen, AWC Incorporated
David A. Wagner, AWC, Incorporated
Brian Ellis, Canrig Drilling Technology
Mike Killalea, IADC
Yancy Xiong, Landy Energy Services, Inc.
Wenbo Liu, Landy Energy Services, Inc.
Fred Florence, National Oilwell Varco
Clinton Chapman, Schlumberger
Lea Huegel, Stran Technologies
Terry Loftis, Transocean

Minutes:

1. Subcommittee Chairman opened the meeting and welcomed the participants.
2. The IADC Antitrust Policy was reviewed and noted as being available on the IADC website.
3. General discussion opened on completion of Phase III of existing subcommittee Goal(s). Specifically our work on 'Control Motions', "*Phase III – Based on findings, propose and publish an industry guideline for future safety critical applications*", and our 'Software Interface', "*Phase III - Publish guidelines to the industry advising on methods that have proven successful for integrating and communicating between systems*". It was previously agreed that the preferred method of publishing these works would be to present them as a technical paper, and this fall's ART Conference is a targeted venue. Brad Rosenhagen of AWC, volunteered to present a paper on the Software Interface topic and has submitted an abstract for the ART Conference. The chairman committed to recruiting another subcommittee member to address the Control Motions paper.
4. The group discussed how best to achieve some forward movement on the current goal and collaboration with the SPE DSATS group. Fred Florence of NOV, proposed three issues, which he felt IADC might be best suited to address and respond to ; 1) definition of a control/tool ownership protocol, 2) clarification as to whether any legal or contractual issues might arise from such transfer of "ownership" (Mike Killalea volunteered to vet this question through IADC and a simple review of the standard IADC Contract Forms), and 3) definition of various phases of the drilling process.

Clinton Chapman volunteered to give a presentation on DSATS progress and a special emphasis on identifying gaps and needs which IADC could feasibly respond to. This ~2-hour program is scheduled for next month's meeting on April 5th and will be hosted at Transocean's Greenway 4 offices as a luncheon meeting. The details of this luncheon will be distributed to all subcommittee participants via email and IADC posting.

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5. Comments were solicited from attendees of the recent SPE/IADC Drilling Conference in Amsterdam. Comments in general were positive, good attendance, good papers, good geographical location, but some of the meeting rooms were too small for their respective session and the auditorium was a bit noisy. The 'electronic text messaging' submittal of audience questions was discussed, although no prevailing objection or support was obvious. The system could definitely be improved and one improvement would be to stream audience questions across the big screen(s) or publish them after the fact. Some preferred the floor microphone approach, but this also brings a few negatives when one topic consumes the bulk of allocated Q&A time?

It was recognized that Fred Florence now serves as Chairman of the *SPE DSATS Committee* and Clinton Chapman will stand as Vice Chairman. Both gentlemen are also members of our *Drilling Control Systems* subcommittee.

6. Closing comments noted that the AADE National Technical Conference and Exhibition will be held at the Hilton Houston North, April 12-14th.
7. The next subcommittee meeting/luncheon was scheduled for **Tuesday, April 5th, 11:00 am** at Transocean's Office, located at 4 Greenway Plaza, Houston, TX 77046 USA. Register for the meeting at http://www.iadc.org/committees/advanced_rig_technology/meetings.htm
8. There being no further business, the meeting was adjourned.