

INTERNATIONAL ASSOCIATION OF DRILLING CONTRACTORS



10370 Richmond Ave., Suite 760; Houston, TX 77042
713-292-1945; Fax, 713-292-1946
mike.killalea@iadc.org

IADC ART Drilling Control Systems Subcommittee Meeting
8:30 am, Wednesday, 10 February 2010
IADC – Houston, TX

Attending:

Brad Rosenhagen, AWC Incorporated
Jesse Roye, BP
Allen Prescott, Det Norske Veritas
Mike Killalea, IADC
John Hoeflich, National Oilwell Varco
Goran Andersson, National Oilwell Varco
Jason Hannam, Safekick
Wayne Cantrell, Siemens Energy & Automation, Inc.
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. The meeting moved rapidly into general discussions of the previous week's SPE Conference in New Orleans and specifically the "Automation" sessions of February 3rd and 4th. Attendees were genuinely enthusiastic on the subject and paralleled some of the topics of our own ART Conference in September '09.
4. The group quickly reviewed closure plans for the 2009 Work Products - Control Motions Matrix, Communication Protocol Matrix
 - a. Make one last review cycle through the vendors
 - b. Remove any vendors that did not supply information
 - c. Update and release on IADC website
 - d. 6 month review cycleT. Loftis committed to contact TSS-Sense and ConverTeam as both had expressed a follow-up interest in providing technical input.
5. Discussion turned to the subcommittee's proposed objective for 2010 and specifically last months DSAT posting by Bill O'Grady:

*One of the audience survey questions at the recent IADC Advanced Rig Technology Conference asked; "Where is the need for improvement in Drilling Control Systems?"
The highest response (35%) was "Integration with the Downhole System"*

The IADC ART Drilling Control Systems subcommittee is looking to better understand and clarify the intent of the response. "Integration" can mean several things –

INTERNATIONAL ASSOCIATION OF DRILLING CONTRACTORS

- “Off the shelf” integrated systems from equipment vendors who cooperate to provide downhole tools already integrated to drilling control systems?
- Open published interfaces to the downhole tools and drilling control systems that allow customized 3rd party integration of a downhole tool to a drilling control system?
- Industry standard based interfaces that allow “plug and play” integration of any downhole tool to any drilling control system?
- Something else?

What would you say the intent of the survey responders was?

T. Loftis committed to contact Bill O’Grady and enquire if any feedback had been received.

6. Expanding on the discussion, the group collectively discussed and elected to generate a SurveyMonkey[®] questionnaire distributed through IADC Drill Bits, eNews, and News Bits. Mike Killalea kindly scribed the following:

Survey seeks opinions on drilling control systems

*Integrating different pieces of equipment on a rig can be a major hassle, not to mention integration with downhole equipment. A brief new survey by the Drilling Control Systems Subcommittee of the IADC Advanced Rig Technology (ART) Committee seeks to clarify the type of control system that can best provide surface and downhole integration. The survey was designed under the leadership of DCS Subcommittee Vice Chairman **Terry Loftis, Transocean**.*

During the 2009 IADC Advanced Rig Technology Conference, the audience was asked what aspect of Drilling Control Systems most needed improvement. 35% -- more than one in three – responded “Integration with the Downhole System”. This was the largest single item.

The survey comprises only five questions, including a request for contact information. (Any contact information provided will be held confidential by IADC.)

To take the survey, go to www.surveymonkey.com/s/CDXJ8HJ

*For more information, contact **Mike Killalea**, mike.killalea@iadc.org, ext 222.*

7. As March is typically ‘spring break’ for area schools, the next subcommittee meeting was scheduled for **Wednesday, April 7th, 8:30 am** at IADC headquarters, located at 10370 Richmond Ave, Suite 760, Houston, TX 77042 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.