

INTERNATIONAL ASSOCIATION OF DRILLING CONTRACTORS



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IADC ART Control Motions & Software Interface Subcommittee Meeting IADC Advanced Rig Technology Committee Meeting 8:30 am, Tuesday, 14 July 2009 IADC Headquarters, Houston, TX

Attending:

Zain Master, Caterpillar
Mike Killalea, IADC
John Hoeflich, National Oilwell Varco
Svein Ove Aanesland, National Oilwell Varco
Jim Rogers, Shell Exploration & Production
Terry Loftis, Transocean

Minutes:

1. Control Motions / Software Interface Subcommittee Chairman Terry Loftis opened the meeting and welcomed the participants.
2. The IADC Antitrust Policy was reviewed by Mike Killalea, IADC.
3. Jim Rogers of Shell E&P (participating via teleconference) introduced himself and provided insight on his current project(s) at Shell and their unique interest in collaboration with our IADC subcommittee.
4. Copies of the Control Motions Analysis, updated 7-13-09, were distributed by Terry Loftis and discussed. Clarification is needed on the column labeled "Standard Device." It will be renamed to something like "most common". Several equipment vendors have not yet responded. Terry Loftis will pursue their input. Vendors that do not complete the survey will be removed from the document prior to publication. Mike Killalea will work with IADC legal department to incorporate appropriate clarifying statements. Mike also advised that for direct communication with vendors, emails may contain a simple informal statement that they are being contacted on behalf of the IADC ART committee.
5. Copies of the Rig Communications Protocol List, updated 7-13-09, were distributed by Terry Loftis and discussed. Information from several additional vendors has been added, but many are still missing. WITS and WITSML protocols will be added. The document will be circulated one more time to the vendors for input and final confirmation by Terry. Vendors that have not completed the survey will be removed from the published document. Adding service companies to the list was discussed. This topic will be deferred until after the initial publication, which is targeted prior to the ART conference in September.
6. The Invitation Letter to recruit new subcommittee members was revised. A list of ART committee members representing drilling contractors, operators and equipment vendors will be provided by Mike

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Killalea. John Hoeflich will distribute the list to the CM&SW committee members, who will add suggested additional contacts. The objective is to increase membership and participation beginning in August.

7. The revised mission statement of the combined Control Motions & Software Interface subcommittee was briefly discussed. Previously defined objectives will be combined into one list. John Hoeflich will circulate a draft mission statement to the subcommittee.
8. Interface conflicts between Vessel Management, Power Management and Drilling Control Systems will be discussed at the next meeting.
9. The next subcommittee meeting is scheduled for **Wednesday, August 12th, at 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
10. There being no further business, the meeting was adjourned.