

# 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 Control Motions & Software Interface Subcommittee Meeting IADC Advanced Rig Technology Committee 8:30 am, Tuesday, 16 June 2009 IADC – Houston, TX**

### **Attendees:**

Svein Ove Aanesland, National Oilwell Varco  
John Hoeflich, National Oilwell Varco  
Terry Loftis, Transocean Offshore Deepwater Drilling, Inc.  
Zain Master, Caterpillar Inc.  
David Reid, National Oilwell Varco  
Andy Shelton, National Oilwell Varco

### **Minutes:**

Control Motions / Software Interface Vice Chairman John Hoeflich opened the meeting and welcomed the participants. Everybody introduced themselves, as some new attendees were present.

1. The IADC Antitrust Policy is referenced on the published agenda.
2. Terry Loftis accepted a request to assume the role of subcommittee chairman, John Hoeflich will be co-chair. It was noted that the website needs to be updated to reflect a new mission statement for the newly combined subcommittee.
3. Svein Ove Aanesland presented the Control Motions Analysis worksheet. This document shows the primary control motions for drilling (raise/lower blocks, open/close slips, etc.). With minor changes, it will be distributed one more time to control system vendors, and then it will be submitted to be posted on the IADC website as a recommended practice, along with recommendations that systems with differing control motions be labeled with warning labels.
  - a. Actions: Svein Ove Aanesland to update worksheet per discussion.
  - b. Terry Loftis will distribute to the listed equipment suppliers, with notice that it will be posted on the website.
  - c. Approval to publish expected at the next subcommittee meeting.
  - d. Svein Ove also agreed to provide short white paper describing the recommended practice and how it was derived.
  - e. The goal is to publish this document in July.
4. John Hoeflich presented the Rig Technology List and the Rig Communication Protocol List. These lists will be combined into one document. Additional vendors were identified for Subsea, Vessel Management and Power Management. The document will describe all the communication protocols used to control

# INTERNATIONAL ASSOCIATION OF DRILLING CONTRACTORS

offshore rigs today. The equipment vendors will be asked to indicate which protocols are used predominantly or typically supported by their systems. The committee will ultimately use this information to identify the most commonly used interface protocols, which can then be published.

- a. Actions: Terry Loftis, Zain Master and Andy Shelton to update the document per discussion.
  - b. Terry will distribute the revised document to equipment vendors with an explanation of the purpose and intent and requesting their information and assistance.
  - c. The goal is to publish this document in August.
5. Control System Obsolescence Issues - The topic was deferred to next meeting.
  6. The committee would benefit from increased participation from drilling contractors. Zain Master presented a draft invitation letter describing the mission of the committee.
    - a. Actions: John Hoeflich to obtain list of drilling contractor committee members and contacts from Mike Killalea. It will be circulated to the meeting attendees for the purpose of adding and identifying prospective members.
    - b. In addition to emailing the invitation letters, prospective members will be contacted personally by the active committee members to request their participation.
  7. Leesa Teel of IADC spoke about the upcoming IADC Advanced Rig Technology Conference in Houston on September 29. Terry Loftis will lead the Control Motions/Software Interface session. The committee plans to use this opportunity to publicize its work products and solicit additional participation.
  8. The next subcommittee meeting is scheduled for **Tuesday, July 14, 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](http://www.iadc.org/committees/advanced_rig_technology/meetings.htm)
  9. There being no further business, the meeting was adjourned.