

# INTERNATIONAL ASSOCIATION OF DRILLING CONTRACTORS



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**IADC Advanced Rig Technology (ART) Committee Meeting**  
**8:30 am, Thursday, 17 March 2011**  
**IADC – Houston, TX**

## **Attendance:**

Daniel Marty, America Augers  
Dustin Torkay, Archer  
Brian Ellis, Canrig Drilling Technology  
Tony Beebe, Exxonmobil  
Mike Killalea, IADC  
Robin Luo, Landy Energy  
Andres Gurdian, National Oilwell Varco  
John Hoeflich, National Oilwell Varco  
Hugo Valdez, Pride International  
Lea Huegel, Stran Technologies  
Terry Loftis, Transocean

## **Minutes:**

1. Welcome & Introductions – David Reid
2. Review Legal Guidelines for ART Group Meetings – David Reid
3. Amsterdam IADC/SPE Feedback
  - a. Bigger Rooms would have been appropriate
  - b. Texting: was not working as is. The best questions are the quirky different ones, not hearing the original tone or intent in the question was a problem.
  - c. Texting: Perhaps a mix of questions and texts or texts runs up on the screen while the discussion is going on.
  - d. Texting: Perhaps the question being asked, being placed up on the screen.
4. Future Technology Subcommittee – Dustin Torkay
  - Update on last meetings – Vision, direction and progress.
    - Meeting is working in general.
    - Workshops are a good mechanism.
    - Need to think about better international involvement.
    - Workshops internationally associated with other IADC Events.
    - A mechanism for out of the box idea discussion is also a target for future meetings.
  - Report on SPE/IADC Workshop Paper
    - Generally went well. Some concerns over commerciality of one discussion but much of that could have been framed better by the chairpersons questions and management of the session.
    - Perhaps not placed in the right overall session.
  - Feedback & Update on next planned Workshop
    - TBD – Should be in July based on Systems Availability Technology – reducing NPT.

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## 5. Drilling Control Systems – Terry Loftis

- Update on last meetings – Vision, direction and progress.
  - Is on track. Needs better guidance from DSATS.
- DSATS: Drilling System Automation Technical Section Update
  - To clarify the progress of DSATS and discuss needs, the next meeting will be hosted at Transocean's office where Fred Florence (NOV/DSATS) and Clinton Chapman (Schlumberger/DSATS) will share where the DSATS group stands and identify gaps that need filled by IADC ART Controls group. This will be over lunch on April the 5<sup>th</sup>.
- Paper Writing – the third stage of the Motion Control Study and Interface development will be developed in to possible presentations for the ART Conference in September and built in to a paper/papers for the IADC/SPE conference in San Diego next year.

## 6. Reliability & Guidelines – Robert Urbanowski (Absent – David Reid Covered)

- Where now?
  - Wait on guidance from Top Gear Performance Team.
- New Well Control Proposal Discussion.
  - Proposed – Well Control Reliability & Guidelines Sub-Committee (Rev 2)
  - Proposed to Executive Committee of IADC - March 11th 2011 - David Reid – Chairman of IADC ART
    - Vision - The Well Control Reliability & Guidelines Sub-committee of the IADC Advanced Rig Technology Committee will work collectively in the drilling industry to improve the reliability and operating trends in well control.
    - Mission - Develop a working team that will identify improved non-commercial collaborative methods to address reliability trends and provide guidelines that streamline and communicate effective changes in method for Drilling Contractors and Equipment Suppliers in the well control process. The group will focus on communicating and evolving appropriate equipment and operational practice to proactively highlight and improve best practices that effect overall performance of well control systems.
    - Function - Key leaders in the drilling operations and equipment development communities will work together to share opportunities to advance the development of well control procedures and systems to a higher performing level across the industry.
    - Goals
      - Develop a picture of current developments that go beyond commercial value to keep all concerned up to date for the general greater good for the well control society at large.
      - Communicate activities to relevant industry parties, such as operators and regulators, where industry needs support in executing increased performance trends to a higher level.
      - Identify potential methods to develop an industry-generic model for measuring up-time of systems.
      - Highlight opportunities for new operating methods that will improve the security of well control events for every person on every rig.
      - Develop workshops and conferences that will help aid discussion and lessons learned relative to improved methods in operating well control systems.

Terry Loftis was charged with gathering an expert / experts to discuss this group with and possibly provide leadership following his meeting on April 5<sup>th</sup>.

Hugo Valdez of Pride offered his services to gather all the status of the drillers plan going forwards and activities.

## 6a. Technology Value Guide

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- David Committed Andres Gurdian and Brent Staley to work on pulling the right infor to finish the project off.

8. Coming Shows/Workshops/Actions – Copenhagen World Drilling Conference is looking good. No ART activities but lots of ART influence on content.

9. IADC Advanced Rig Technology Conference & Exhibition – Meeting coming up in April to decide on content. Please generate more abstracts to help us with this effort. Let us know if you want to help steer the event.

10. Any Other Business? None.

11. Next Meeting Date & Time – April 26<sup>th</sup> at 8.30am. Location TBA.

12. Adjournment