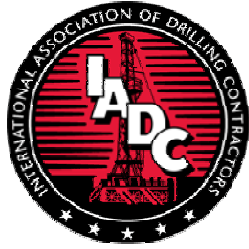


# INTERNATIONAL ASSOCIATION OF DRILLING CONTRACTORS



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

**IADC Future Technology Subcommittee Meeting**  
**IADC Advanced Rig Technology Committee**  
**8:30 am, Thursday, 3 September 2009**  
**National Oilwell Varco – Houston, TX**

## **Attendees:**

John Butler, Amercable  
Jeff Swain, Chevron  
Chris Goetz, Consultant  
David Reid, National Oilwell Varco  
Andy Shelton, National Oilwell Varco  
Frank Springett, National Oilwell Varco  
Hugo Valdez, Pride International  
Dustin Torkay, Seawell Americas Inc.  
Justin Rowden, Seawell Americas Inc.  
Karl Faller, TI Data  
Rolf Gullaksen, TTS Sense USA

## **Minutes:**

### **ART Conference Questions for FT Section**

ART Conference – During the ART Conference September 29<sup>th</sup>, there will be remote clickers for each of the attendees to enable them to answer pre-arranged multiple choice questions. The Future Technology portion of the conference has the opportunity to ask 5-10 questions. The structure of those questions, were based on validating some of the conclusions to the survey. Two subgroups were identified as follows:

Organized by major subject of the survey:

What Downhole technology is in most need for future development?

- Drill Bits
- Directional Drilling
- Downhole logging (MWD, PWD, LWD)
- Downhole Pressure Management
- 

What Rig Equipment is in most need for future development?

- Drill string Torque (Topdrives)
- Pipe Handling
- Pressure Control
- Downhole
- Etc...

Second Group at the beginning of the FT section of the conference is based on validating the findings of the survey.

# INTERNATIONAL ASSOCIATION OF DRILLING CONTRACTORS

Which Areas need the most development regarding Reliability?

- Downhole
- Pipe Handling
- Etc...

Which areas need the most development regarding Accuracy?

- Downhole
- Pipe Handling
- Etc...

Frank and Andy to put together the final questions.

Paper Sections and topics. The abstract for the paper was accepted by the SPE/IADC Conference Committee. It was the second highest ranked abstract. Planning for the preparation and writing of the paper are assigned to the following:

Learning from the past – Dustin Torkay, Jeff Swain, Rolf Gullaksen  
Survey – Andy Shelton, Frank Springett, Jeff Swain, Chris Goetz  
IADC/DSATS Automation Matrix – Frank Springett, Justin Rowden

Reviewers, ask some key people to review the paper (Jeff Moss, Brett Borland, Hugh Elkins, are a few examples). We can decide on the list later when the paper is further developed.

Plan on submitting one month in advance. Our Due Date for paper completion September 17, 2009.

The submitted paper abstract was as follows:

Survey - Andy and Frank to pear down the drilling survey to be a 5 minute survey for the FT Conference.

Next Meeting – 30 September 2009 at 8:30 am.