

INTERNATIONAL ASSOCIATION OF DRILLING CONTRACTORS



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IADC ART Reliability & Guidelines Subcommittee Meeting
8:30 a.m., Wednesday, 2 February 2011
IADC – Houston, TX

Attendees:

Daniel Marty, American Augers
Don Shafer, Athens Group
John de Wardt, De Wardt & Co.
Mike Killalea, IADC
Jack Colborn, National Oilwell Varco
David Reid, National Oilwell Varco
Robert Urbanowski, Precision Drilling Oilfield Services Corp.
David Corbett, Seawell Americas, Inc.

Minutes:

1. Robert Urbanowski welcomed the group.
2. Everyone at the meeting indicated they were familiar with the IADC's **Antitrust Guidelines**, so they were not reviewed in detail during the meeting.
3. There were discussions on instrumentation and real time monitoring of subsea well control systems (BOPs). David Reid mentioned the technology and methods to do this exist, so technology to do so is not the hurdle. The hurdle is not in developing the instrumentation systems to do so, but agreement on an industry standard for what is done and by whom.

It was mentioned one Operator had indicated they want full instrumentation, while another Operator wanted to leave it up to the Drilling Contractor to decide.

4. The status of the IADC's **Top Drive Reliability Statistics Program** was discussed. It was discussed as a point of learning, that this was not the method by which industry and drilling contractors had fully embraced the value of the project. It was agreed the project should be shelved as a learning point.

It was discussed that industry needs a reliable method to collect data to measure performance. As an example, Rushmore Associates has been very successful at getting Operators to participate in submitting data for benchmarking performance. The need to educate the buyer relating to what is needed for commissioning of equipment to ensure reliability was also discussed. Shell's success in the Gulf of Mexico on Platform Rigs by outsourcing the labor from Helmerich & Payne, Inc. was discussed.

Development of an IADC **Downtime Statistics Program** was discussed. An IADC Non-Productive time workshop or conference (depending on content level) was also discussed. API's Subcommittee 16's (SC16, Quality) development of a Q2 specification for quality for services was also discussed as a quality effort (although not specific to Advanced Rig Equipment).

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5. Reliability and the work of the SPE's Drilling Systems Automation Technical Section (DSATS) Risk & Reliability Work Group were discussed. This workgroup is chaired by John de Wardt with Deputy Chair by Tony Beebe (ExxonMobil). The purpose of the workgroup is to pull together industry sources, from both inside and outside the oil and gas industry, to develop a body of knowledge for the successful deployment of reliable automated drilling systems. To do this, the group plans to identify a framework of methods and the best practices for their application. Initial focus is on Failure Modes, Effects and Criticality Analysis (FMECA) and Commissioning.
6. New Business:

The current on-line IADC **Technology Value Guide** was reviewed. While some photos were added, there are still items lacking definitions and photos.

Robert Urbanowski discussed no progress on the current website mission statements, goals, and objectives from the IADC's website – which are still separate for “Reliability” and “Guidelines” – being rolled into a single draft.
7. The next meeting will be scheduled for 15 March 2011 at 08:30 CST at the IADC office.
8. The meeting was adjourned.