



**Drilling Controls Systems Subcommittee
IADC Advanced Rig Technology Committee
09.00-11.00 Thursday, 19 April 2018
IADC HQ, 10370 Richmond Ave, Suite 760;
Houston, TX 77042 USA**

Minutes

Mike Killalea, IADC, opened the meeting and welcomed the participants. He then gave an update on the facility and reviewed the IADC Antitrust Policy.

Then the discussion turned to the DDR Plus / Rig Sensor project. DCS SC Co-chair Robert van Kuilenburg recommend setting aside some time to brainstorm on sensors. Mr van Kuilenburg said he had was continuing to revise rig state definitions, working from the Drilling States comparison workbook developed by John Macpherson for the DSATS Drilling States Initiative. He said he had worked through about 80% of that workbook.

The next topic was the status of the survey on the IADC Daily Drilling Report. The survey was distributed to the IADC DrillBits circulation, with more than 11,000 successfully delivered. Of those, 2,283 were opened. Further, Project Advisor John de Wardt posted an item about the survey, including URL and password on LinkedIn. At the time of the meeting, approximately 60 responses had been received. Those completing the survey were promised to be included in a drawing for a \$200 gift card.

To move the project forward, a deadline of 18 May was set for contributions. This is the day following IADC Drilling Onshore 2018, being held at the Omni Houston Hotel Westside.

Cards with the link and password to the survey will be displayed on conference tables at the event, and attendees will be urged to participate. The hope is to drive at least 200 responses from all segments of the industry. The SC seeks to receive feedback from individual drilling professionals, rather than “official” company responses, though the latter will certainly be accepted.

The survey will also be promoted in the April 2018 edition of IADC’s e-letter DrillBits, the May/June edition of Drilling Contractor, LinkedIn.com, and at IADC’s booth at the Offshore Technology Conference (# S-15).

Led by IADC ART DCS SC Chairman Nathan Moralez, the SC also discussed state definitions with regard to hierarchy and verification, intellectual property concerns, manual overrides of any automatically entered date, and the overall scope of the project.

The next DCS SC meeting is scheduled for 0900 on Thursday, 24 May.

There being no further business, Mr Moralez adjourned the meeting.

Attendance:

First Name	Last Name	Company Name
Maren	Lodden	DATA GUMBO
Sebastian	Langlete	DATA GUMBO
John	de Wardt	DE WARDT & COMPANY
Paul	Pastusek	EXXONMOBIL DEVELOPMENT COMPANY
Rick	Cannon	GATES CORPORATION
David	Millwee	HELMERICH & PAYNE INTERNATIONAL DRILLING CO.
Mike	Killalea	IADC
Chris	Goetz	KINGSTON SYSTEMS
Assaad	Mohanna	NATIONAL OILWELL VARCO
Robert	Van Kuilenburg	NOBLE DRILLING
Mike	Guerin	PACIFIC DRILLING
Victor	Rasanow	PARKER HANNIFIN CORPORATION
Matt	Clark	PASON SYSTEMS
Kevin	Boston	PASON SYSTEMS
Lori	Rowan	PATRIOT DRILLING LLC
Harvon	Jordan	PATTERSON-UTI DRILLING COMPANY
Andrea	Martini	PATTERSON-UTI DRILLING COMPANY
Nic	Morris	PATTERSON-UTI DRILLING COMPANY
Anil	Godumagadda	PATTERSON-UTI DRILLING COMPANY
Ariel	Torre	PRECISION DRILLING COMPANY
Fara	Pirmohamed	PRECISION DRILLING COMPANY
Jim	Brannigan	SCHLUMBERGER

Glenn	Keelin	SIDEWINDER DRILLING
Eric	Maidla	TDE PETROLEUM DATA SOLUTIONS INC
Trenton	Martin	TRANSOCEAN