

International Association of Drilling Contractors



**Data, Controls and Sensors Subcommittee
IADC Advanced Rig Technology Committee
09.00-11.00 Tuesday, 10 March 2020
IADC Headquarters, Crown 2 Conference Room
3657 Briarpark, Ste 200
Houston, TX 77042**

Minutes

DCS Subcommittee Chair Nathan Moralez, BP, opened the meeting and welcomed the attendees. IADC's Jay Stracke gave an overview of the [IADC antitrust policy](#) and the facility.

- Rig Sensor Stewardship Update
 - Participants have been asked to review the document for the fourth time so that the framework may be built upon and agreement can be achieved as to the nature of the document.
 - Robin Macmillan and Assaad Mohanna, NOV, visited three advisory panel meetings during the 2020 IADC/SPE International Drilling Conference in Galveston to present the RSS project and increase participation and representation.
 - For this document, once hookload is completed, efforts will be shifted to the next sensor.
 - OGDQ's work is already addressing makeup torque, top drive torque and roughneck torque.
 - Nathan Moralez brings up the question of the potential impacts inaccuracies may bring.
 - Subsequent discussion noted that questions of accuracy should be based on the operation in question.
 - Discussion also yielded that the potential next step for this document could be getting more granular and specific regarding sensors while navigating between the demands of OGDQ.
- Review Mission Statement for Rig State Definitions
 - Rob Shank, Parker Drilling, drafted the mission statement for an ART project to develop guidelines on rig state definition.
 - A noted challenge within the project is determining when each state begins and ends.
 - A shortened version of the mission statement will be sent out for feedback, with this same draft being circulated for comments.
- New initiatives and Other Business
 - Dull Bit Grading
 - No current updates on dull bit grading.
 - Robin Macmillan will draft the 250 words summary needed for the approval process.

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- Mud Rheology
 - Nathan Moralez volunteered to create a synopsis for a proposed mud rheology initiative.
 - A presentation will be created and presented during the ART OTC meeting.
- Alarm Management Guidelines
 - Due to the Pryor Trust event, the US Chemical Safety Board requested an update to the alarm management guidelines to discuss monitoring processes.
 - Peter Nguyen, Valaris, will be updating several paragraphs of these guidelines.
- Review Drilling Rig Control Systems Minimum Safety Features Guidelines
 - The current draft will be placed into an IADC format and be sent out for review.
 - The section regarding emergency stops still requires an author.
 - Once an author is found and this section is drafted, it will be placed within the existing draft.

Next meeting date: 14 April 2020, IADC HQ, [3657 Briarpark Drive, Suite 200, Houston, TX 77042](#)