

International Association of Drilling Contractors



Drilling Controls Systems Subcommittee
IADC Advanced Rig Technology Committee
9.00-11.00 Thursday, 12 September 2019
IADC Headquarters, Crown 1 Conference Room
3657 Briarpark, Ste 200
Houston, TX 77042

Minutes

DCS Subcommittee Chair Nathan Moralez, BP, and Vice Chair Assaad Mohanna, NOV, opened the meeting and welcomed the attendees. IADC's Linda Hsieh gave an overview of the [IADC antitrust policy](#) and the facility.

The first agenda item was to discuss the new Rig Sensor Stewardship project, which will be a joint effort between DCS and the IADC Maintenance Committee. For the DCS side, a call for volunteers was issued, with approximately 10-12 volunteers responding and expressing interest. Mr. Mohanna will reach out to the volunteers and set up a kick-off meeting to discuss how to approach the project. It was also noted that the Maintenance Group will hold a meeting on 9 October, during which they will start work to develop a list of critical sensors for this project. Mr. Mohanna will participate in this meeting on behalf of DCS.

It was noted that the OGDQ was having its meeting on the same day/time as this DCS meeting. Further, it was noted that there needs to be more drilling contractor input with the work being done by API SC-8. The group is working on a recommended practice for calibration and field verification of rig instrumentation. Mr. Moralez stated that it would be beneficial to use the DCS meetings to review API SC-8 work and provide input back to that group.

John de Wardt, De Wardt & Company, noted that a news item released through Drilling Contractor magazine could help to increase awareness among drilling contractors about the SC-8 project and the need for more drilling contractor input. Mr. Moralez also stated that he would reach out to Dung Nguyen regarding the group's concerns, and work to improve the dissemination of information from OGDQ to IADC ART/DCS.

The next item on the agenda was to discuss Drilling Rig Control Systems Minimum Safety Features Guidelines, which was led by Mr. Moralez. A volunteer is still needed to assist with the emergency stops section, and an email to seek the required volunteer.

Mr Moralez is working on the machine interlock section, which is about halfway completed. This section should be completed within two weeks. After the sections

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are all completed, all sections will be submitted to Ms. Hsieh to be formatted as an IADC guideline document, which will then be shared with the industry for comment.

The final item on the agenda was to provide an update on DDR Plus, led by Robert van Kuilenburg, Noble Corp and ART Chair. Changes to the paper print tour sheet were shared with the group, and comments sought. These changes include revisions of main codes 21-23 and codes 31-38, as well as additional fields detailing Spud, Rig Release, Pause, Resume, TD, No. of Days from Spud, Cumulative Rotating Hours, Fuel Used, Fuel on Hand.

IADC has also been crosschecking XML schemas alongside the paper version, while Mr van Kuilenburg continues to work on refining the codeset. Upon completion, everything will be posted to the DDR Plus website, and IADC will send emails/notices requesting final comments. The expectation is to have everything pushed out to the industry for review sometime in October.

There being no other business, the meeting was adjourned.

The next ART meeting will be 10 October, at IADC HQ, [3657 Briarpark Drive, Suite 200, Houston, TX 77042](#).