

International Association of Drilling Contractors



**Drilling Controls Systems Subcommittee
IADC Advanced Rig Technology Committee
9.00-11.00 Thursday, 11 July 2019
IADC Headquarters, Crown 1 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 Linda Hsieh gave an overview of the [IADC antitrust policy](#) and the facility.

The first agenda item was to provide an update on Phase 1 of Rig Sensor Stewardship, led by Mr Moralez. An outline of a roadmap for the stewardship and project will be drafted and presented to the Maintenance Committee. The Maintenance Committee has agreed to collaborate in the implementation of this project.

Ideas of potential roadmaps have been offered, and the current idea is to form a group who will design a step by process that will yield a good result, providing a methodology in the guideline to assist in the prioritization of specific sensors.

A call for volunteers to be a part of said working group was issued. Suggestions of people to volunteer will be sent in after the meeting. Additionally, a preliminary mission statement for rig sensor stewardship has been drafted and will be sent out.

The next item on the agenda was to discuss Drilling Rig Control Systems Minimum Safety Features Guidelines, which was led by Mr Moralez. Regarding the TOC, the only piece that needs to be completed is section 6, process interlocks. The document will undergo a revision to be contextualized to an IADC style and format. It was noted after feedback was received, that some sections can be expanded. The document will be posted after section 6 is completed.

The final item on the agenda was to review feedback on DDR Plus. Four companies responded, but it was noted that the data received is not enough to justify large changes. Robert van Kuilenburg noted that discussions with IADC will need to take place to better move forward. The official new format of the four sheets is still pending.

William Fox, Data Gumbo, volunteered to provide a set of potential DDR signal type definitions for states that goes beyond a narrative definition. In response, Mr van Kuilenburg noted that it would be better to define transitions/transitional states rather

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than states. Data Gumbo will put something together to submit for review by the group.

There being no other business, the meeting was adjourned.

The next ART meeting will be 8 August, at IADC HQ, [3657 Briarpark Drive, Suite 200, Houston, TX 77042](#).

Attendance:

First Name	Last Name	Company Name
Nathan L	Moralez	BP
William	Fox	DATA GUMBO
Maxine	Aitkenhead	DATA GUMBO
John	de Wardt	DE WARDT & COMPANY
Carter	Todd	HELMERICH & PAYNE
Linda	Hsieh	IADC
David	Shackleton	INDEPENDENT DATA SERVICES
Megan	Essig	NATIONAL OILWELL VARCO
Robert	Van Kuilenburg	NOBLE DRILLING US INC
Trevor	Braswell	PASON SYSTEMS USA CORP
Walker	Hubbard	PASON SYSTEMS USA CORP
Martin L	Kershman	TEQNISOLUTIONS