

International Association of Drilling Contractors



Drilling Controls Systems Subcommittee
IADC Advanced Rig Technology Committee
09.00-11.00 Tuesday, 11 February 2020
IADC Headquarters, Crown 2 Conference Room
3657 Briarpark, Ste 200
Houston, TX 77042

Minutes

DCS Subcommittee 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.

- Rig Sensor Stewardship Update
 - The meeting on 4 February 2020 saw several different companies/organizations provide feedback, with the document now building up.
 - It was noted that it's worth going through the list of those in attendance and to highlight/recruit any missing representation.
 - An update on RSS will be given to the Onshore, Offshore and Drilling Services advisory panels during their March 5th meetings.
 - Provide an update at the DSAT meeting.
 - Interest and participation in this project has proven significant.
- Drilling Rig Control Systems Minimum Safety Features Guidelines
 - One section on e-Stops is still missing and one more author is needed.
 - Once this section is in place, the document can be placed into an IADC format and sent for review.
- New initiatives and other business
 - Rig State Definition
 - There is a need to have a common definition.
 - John De Wardt stated the following:
"The issue is about having a common definition as to when one state ends and another state starts. So if you trip in and then you start drilling, when do you go from tripping to drilling? Or is there something in between? And it's in order to make common definitions of state transitions so that who's working together on a drilling operation is talking the same language. So that's the issue. And I one of the issues will be to get people to come and play, and show what they are doing in this debate..." "We tried starting this at DSAT, and it was a struggle. Some of these companies who are using states probably have their own transition definitions. And the problem is they're all different. So it's a commonality of the transitions. And then of course there's this legal issue which

International Association of Drilling Contractors

fell apart in the US. But in fact, the legal issue is less about the definitions and more about the processing to determine the state. So I think the thing to do would be to identify everybody... A lot of people have these definitions of state. I think you have to try and round them all up and say, 'guys, what do we need to do such that these things can communicate to each other in a common manner. And it's about the transitions.'"

- Drill Bit Dull Grading
 - It was stated that there should be a paper written explaining best practices and some detailed understandings to bring the industry level up and provide agreement around terminology of different types of failures.
 - Adding additional codes that are more logical for what we know today would be a really good outcome.

Next meeting date: 10 March 2020, IADC HQ, [3657 Briarpark Drive, Suite 200, Houston, TX 77042](#)