

December 9, 2020 General Committee Meeting Minutes.

Times are in CST

- **8:00 - 8:05: Initiate Event / IT Reminders / Meeting Format**
- **8:05 – 8:15: Safety Moment**

Physical health at home. Look for resources to stay fit

- **8:15 - 8:20: IADC Anti-Trust Guidelines; IADC Representative (Leesa Teel)**
- **8:35 – 8:45: Announcements**
- **Email: Roland Goodman to be on API 92S/92M Ballot for Influx Management Annex by December 15, 2020**
- **Request to review API 92C for CML Operations has been sent out. Reply back to Jon Thain by January 22th:**
- **Project selection is today**

The votes were review so that all parties had a chance to correct their vote if needed or add their vote if they had not done so. The results of the project vote are discussed further below.

Please note that the Land MPD guidance matrix will move forward in parallel to the major project that has been selected. The Land MPD guidance matrix is a short document that will be completed by a naturally smaller group due to it's niche focus. The document will fall under the domain of the MPD subcommittee. This effort is expected to be complete in mid 2021.

This is a different effort from the API RP79 group commissioned the chemical safety board who are working tripping guidelines for conventional drilling and later MPD.

This effort is also different from the IADC wellsharp advisory panel sponsored team that is revisiting the IADC well control curriculum for opportunities to align with or better account for RMD practices.

- **Voting on Committee/Subcommittee Vice Chairmen today**

RGH committee; Will Bacon (Blade) has become unavailable; moved to Australia. Oscar Gabaldon volunteered to take Chairmanship for 2021.

- **8:45 – 9:05: Riser Gas Handling / Influx Control Perspective, Dennis Moore**

Dennis Moore opened the discussion on handling gas in the riser when focusing on diluting the influx significantly to reduce (single bubble) gas pressures associated with circulating out.

UT Paper on dilution of fluid gas in riser (with DW rigs boost line) has been prepared. Eric van Oort and RAPID meetings. The solution to pollution is dilution. (Denis Moore)

For Shell (Roger v Noort) in the GOM the dilution practice to manage minor (up to 10bbl) influxes is already approved and supported by the Operator, Rig Contractor and BSEE.

Oscar Gabaldon additional comments. An influx could also be isolated in the riser (close in the well after the influx passed the SS BOPs). Then managed in the riser with the boost line and MPD choke control system.

Hari, commented on the UT paper good quality.

- **9:05– 10:05: Selection of New Project for MPD Subcommittee**

- Review votes, discuss resource, select project

IADC UBO & MPD Committee Document Prioritization (I			
Subcommittee	Project	Status	AVERAGE RATING
	Project 1 - MPD Software Testing Guidance		3.17
	Project 2 - Land Tripping Guidance for MPD		2.17
	Project 3 - Managed Pressure Cement Guidance		2.86
	Project 4 - Floating Mudcap Drilling (Drillships/Semisubmersibles)		1.76

The MPD Subcommittee has decided to work on the MPD Software Testing Guidance project. The subcommittee will next begin to properly define the scope of this document. Discussion revolved mostly around the software integrity aspects (i.e., how reliable the software itself is), versus the operational aspects of the software (i.e., how the software would react upon specific operational contingencies)

A group operating under the chemical safety board and API has started to work on a standards document for tripping during conventional drilling operations, known as API RP 79. This group will work on tripping during MPD next. Antonio Torreabla has volunteered to report closely on this groups activities to our committee. SME's from the MPD committee who are interested are expected to support the creation of this document as well. It was stated that the contents of this document impact our committee even if the document is not under our control.

As mentioned above, the Land MPD Guidance Matrix is a niche project that will run in parallel to the MPD Software Testing document creation. It will fall under the MPD Subcommittee.

2021 Vice Chair Elections (Vice Chairs become Chair in 2022)

IADC UBO/MPD Committee Vice Chair: Martyn Parker

UBO Sub Committee Vice Chair: Isabel Poletzky

MPD Sub Committee Vice Chair: Leiro Medina

DGD Subcommittee (No election)

RGH Sub Committee Vice Chair: Brian Piccolo

HSE Sub Committee Vice Chair: Guilherme Vanni

API 16RCD Subcommittee (No election)

Chairmen List for 2021

IADC UBO/MPD Committee

- Chair Roger van Noort
- Vice Chair: Martyn Parker

UBO Sub Committee

- Chair: Nadine Osayande Amini
- Vice Chair: Isabel Poletzky

MPD Sub Committee

- Chair: Andre Alonso Fernandez
- Vice Chair: Leiro Medina

DGD Subcommittee

- Chair: Jonathan Thain
- Vice Chair: Per Christian Stenshorne

RGH Sub Committee

- Chair: Oscar Gabaldon
- Vice Chair: Brian Piccolo

HSE Sub Committee

- Chair: Ernest Okeke
- Vice Chair: Guilherme Vanni

API 16RCD Subcommittee*

- Chair: Micah Span
- Vice Chair: Joe Karigan

*API 16RCD chairs will complete their 3rd term in 2021. This is in accordance with API practices. The MPD committee is ok with a 3 year term for this task group. Next December, the committee will discuss whether an election relevant or not if the document is not completed.

December 10, 2020 General Committee Meeting Minutes.

8am to 10am CST.

Subcommittee Updates:

RGH: Working on appendix to the IADC Deepwater Well Control Guidelines. Currently working specifically on a riser gas handling decision tree. It was mentioned that it might be valuable to connect stakeholders of the DWWCG document once ready to do so in order to ensure alignment.

UBO: Currently adding RMD to the appendix API 92U. Also about 75% of the way working through comments from API

MPD: Currently requesting all parties interested in commenting/voting on the annex to API 92M/S to email Roland. The subcommittee will move forward to define the scope of an MPD software testing standards document.

DGD: Currently requesting anyone who would like to contribute to review the first draft of API 92C and reply back to Jon Thain with comments.

HSE/Training: 2 out of 4 curriculum documents finalized. The rest should be completed in a few more meetings. Next step is to prepare the question bank. Funding is not on critical path, but required to implement the curriculum. About 50% of the necessary funding has been informally committed.

API 16RCD: Waiting for API 16RCD 3rd edition to go to ballot. Latest expected is January.

Re-evaluation of Liaisons

Martin Culen proposed replacing the regulatory liaison role with a standing general committee agenda item focused on regulatory updates or regulatory questions that anyone in the committee may have. Next steps are to evaluate this idea further. And determine if the Regulatory Liaison will morph into supporting this solution.

3rd Party Liaison was not discussed

Well Control Committee Liason was thought to be very active in establishing communication between our group and the well control committee. It was thought that we should investigate further on how to capitalize further on this relationship.

Discussion on Virtual or Face to Face Plan for Next year

3 out 33 attendees suggested they would be able to travel to conferences/committees through Q3 of next year.

In light of this, Leesa Teel has offered to check with the hotel in KL and report back to the programming committee in January for a discussion on whether we should have a face to face option for the conference in KL.

It was decided to have virtual meetings for Q1 and Q2 next year the MPD Committee. And that we would wait to fall in behind the IADC before confirming Q3 and Q4.

Martin Culen mentioned that we may have an opportunity to increase involvement from companies in Asia by considering alternative committee meeting times. Martin will propose a potential solution for a committee meeting time that can accommodate Asia at the next meeting. In the end, we have a meeting time rotation that is conducive to participation from all continents.

March Meeting is scheduled for March 2-4, 2020. The meeting will include the UBO/MPD Committee meeting as well as an appended programming committee meeting for abstract selection.

International Association of Drilling Contractors

Tentative – Committee Meeting Schedule, Updated October 2020

December 9-11, 2020: Virtual Meeting Based out of Houston

March, 2021: Virtual, March 2-4th, 2020

Q2, 2021: Virtual

Q3, 2021: Sept 14-17th, MPD Conference in KL [Action on Shell to confirm host/sponsor]

Q4, 2021: Houston, [Action for NOV to confirm Host & Sponsor]

Q1, 2022: IADC Houston [Action on Blade to confirm Host/Sponsor]

Subcommittee are schedule for breakout sessions from 10-Noon on December 10th and 8-Noon on December 11th. They will report on their progress at our March Meeting.