

## Meeting Minutes - IADC UBO & MPD Committee 3/28/2023

08:00 Initiate Meeting

08:05 Safety Moment: IT Security be aware of Phishing Emails check the email addresses and links.

08:10 IADC Anti-Trust Guidelines

08:15 Martyn Parker volunteered to take meeting minutes.

08:20 Announcements

- Antonio Torrealba has contacted Roland Goodman API and announced he is too busy to chair the API RP79-2 (Tripping Guidelines for MPD Operations). This work has now been handed over to Ahmed Shimi [ashimi@Pruitt.com](mailto:ashimi@Pruitt.com)
  - It is worth noting that the MPD subcommittee does need to get behind this document.
  - SC10 – RP 65-4 MPD Cementing 1<sup>st</sup> Edition. This work is just getting started with the outline of the scope of work. The lead for this [Chris.Mehler@bp.com](mailto:Chris.Mehler@bp.com) if you are interested in being involved in the development of this document. Reach out to Chris to show your interest.
  - Leesa Teel will also keep the IADC UBO & MPD Committee updated as to when this work will commence.
- Communications with IADC Well Control Committee. There have been some issues with communications on development of MPD Well Control Training content. A meeting between the IADC UBO & MPD Committee and the Chair of the Well Control committee is scheduled for 2pm on 29<sup>th</sup> of March.
- The RGH Deepwater well control guidelines work is now complete. The 2015 Deepwater well control guidelines appear to be an outdated document. The question now is how does / RGH appendix get added to the existing work. Or does the Deepwater well control guidelines work need updating 1<sup>st</sup>?
- The IADC Deepwater well control guidelines need ownership. The question is now how do we get the RGH guidance out to the industry?

Subcommittee Updates:

- UBO – To date this year we are still looking for Volunteers. Due to workload of the 4-working member's minimal work has been completed to date this year.
  - This document needs to restructure to be aligned with new 92 series documents and cover additional content CT UBD and Multiphase MPD operations.
- MPD
  - Control Software Guidelines – 2 comments received from 1<sup>st</sup> ballot on software guidance. These will be reviewed today. After this, the committee plans to review the existing published 92 series documents. Starting with 92M
  - Influx Management Annex – With API for publication.
  - Future work is being considered; however, the focus should be on reviewing documents due for revision and tripping recommended practices.

- DGD
  - Review of Ballot comments ongoing. Aim to issue for final Ballot.
- RGH
  - They have held 3 meetings and the work is done pending. Issued for Approval currently received feedback from 5 individuals all have approved without change to document.
  - The question now is how to get the document out to the industry.
  - One suggestion is to issue as TR (Technical Report)? If document can stand alone.
  - Or Appendix to 92S.
  - Wish to engage with IOGP Guilherme Siqueira Vanni (Petrobras) has offered to help.  
***Note The TR was completed and will be issued to API.***
- HSE
  - Currently working on final stage of getting the MPD questions. The goal is to have all the questions reviewed prior to next committee meeting.
- General discussion let's explore how we get MPD Guidance Documents out to more of the industry. Ideas:
  - Conferences
  - Drilling Contractor Magazine
  - World Oil Magazine
  - How does this committee (show case / distribute our work)?
- Upcoming Meetings
- Review 2023 meeting schedule
  - Q2 Committee meeting (Jun 14-16): Norway Equinor, Sandslivegen 90 (Bergen)
  - Q3 Committee meeting (Oct 5-6): IADC/SPE MPD & UBO Conference and Exhibition (Denver, CO, USA)
  - Q4 Committee meeting (Dec 5-7): NOV (Houston, TX) NOV confirmed for Dec meeting.
- Future Projects
  - Table from Q4 2022 Committee  
On next page.

IADC UBO/MPD Committee - Document Prioritization		(Please rate projects)
Company Name:	Source	Rating:
		0-5
Project 1: Complete and Publish MPD Software Testing Guidance	Ongoing Cmte	59
Project 2: Complete and Publish MPD Riser Gas Handling Guidance	Ongoing Cmte	70
Project 3: Progress API 92U update	Ongoing Cmte	39
Project 4: Begin evaluation of IOGP MPD Position Paper	BP	49
Project 5: Begin Update of API 92M (after 92U complete)	Ongoing Cmte	46
Project 6: Rig Allignment? (Possible just add more detail in 92M)?	TeqNi	23
Project 7: BSEE/ Regulator engagement for use of blind shear rams for DW MPD.	BP	53
Project 8: Design of the standard MPD Operation Report (MOR) same way we have DOR	Noble	33
Project 9: Riserless drilling with subsea RCD	Noble	31
Project 10: MGS in MPD operations	Noble	48
Project 11: MPD control system information exchange	Noble	44
Project 12: Standard fingerprinting procedure	Noble	32
<b>API RP 79-2</b>		
<b>How MPD equipment may impact drilling (what else can you do with MPD) - Paul's suggestion</b>		

Meeting:

- BESEE engagement? Operators have presented info to BESEE ref #7 Blind Shear ram usage.
  - API Research funding for Blind Shear Ram Testing?
  - BSEE showed little interest in BSR Testing and reviews by case by case.
  - Rams centering
  - MVS = Comment Operators & Chair can approach BESEE
  - Inam = BSR Testing could be useful to confirm support Historical data on BSR centering. Present to BESEE.
  - Blade (Tiago) believes this is a #1 project and the driver is not cost reduction, but best practice safety related. Inam, BP advised that this was communicated to BESEE however this was not that well received.
  - NB BESEE are approving use on a case-by-case request. Not as a general blanket agreement.
- MGS covered in Eqt. section 92M, 92S this is update in the IME annex so kind of covered.
  - 16C MGS is looking at this.
- API-79-2 and MPD Committee involvement will be discussed in the MPD Subcommittee work group.
- 8,10,11 & 12 Will be removed from future potential work.

- 9, Riserless drilling with Subsea request clarification from Noble.
- Guidance on frequency testing for MPD equipment? BP raised point. References for refurbishments / certification. Micah stated API has a platform with the “R” documents API 16AR, API 16CR, API 7HU series etc.
- Topic brought up by Paul Sonnemann on efficiencies of MPD / guidance to operators on efficiencies etc. Ref internal work by Equinor (Mario)?
- AOB
  - How do the UBO & MPD Committee ensure that any other API work groups know that the UBO & MPD Committee are here to support etc.
    - Example 16F MPD section dual work / silos

Wednesday March 29, 2023

The MPD Subcommittee reviewed what work it will commence next.

- MPD Tripping = Committee will speak to Roland about taking on MPD Tripping
- MPD Cementing = Will leave to API-
- IOGP = Document is high level (MPD 101) does not impact MPD Committee work
- Review for Update in order
  1. 92-M
  2. 92-S
  3. 92-P

Thursday March 30, 2023

The group reconvened at 11AM

- UBO – Antonio Torrealba / Martyn Parker
  - No update provided.
- MPD – Andre Alonso Fernandes / Anthony Spinler
  - Managed to revise all comments received for the MPD software guidance. Get in touch with Roland to see where the document should reside. Maybe an Annex.
  - Discussed reviewing the OIGP document. The subcommittee considers it’s not necessary to review the document.
  - Influx Annex, pending to check with Roland.
  - Next will be to Initiate the revision of 92M.
- DGD – Bing Yang / Jon Thain
  - Document 92C is ready to go to Roland with reviewed comments from ballot.
- RGH – Oscar Gabaldon / Mike Vander Staak
  - Identify next steps on the document, requires revision on some topics that required additional work.
  - Petrobras provided changes to the document. Those will need to be addressed, currently under review.
  - Address where the document will be published. It will be in tandem 1) address comments, and 2) get approvals for a Technical Report, already submitted to Leesa Teel.
- HSE – Matt Kvalo / Stuart McCallum
  - Closed out all the questions banked to date.

- Expecting to have all set of questions ready by September timeframe.
  - Revised the questions from IADC Well Sharp and provided feedback.
  - Trying to open the conversation with Well Control, so that there are no conflicts.
- **Action: Leesa will review ways to improve visibility in the documents the committee is producing.**
- Leiro provided an update on the meeting with Santos (Well Control Committee)
  - RGH document should not be included in current Well Control Guidelines
  - Scheduled a work session to review the questions in the Well Sharp exam. Follow-up actions to review the MPD curriculum.
  - Once the Influx Annex is published it will be shared with them.
  - There is a lot of potential for collaboration with the Well Control Committee
  - Next meeting expected to be in Norway (June). **Action: check with Leesa on how to communicate and try to get involved in local participation.**
- There are currently no sponsors for Denver meetings. Please notify Leesa if your company can volunteer.
- Leiro received communication from Jim Rocco about the IADC Well Control Conference of the Americas in New Orleans in August to attend and provide an update from the committee. Paul Sonnemann and Mat Kvalo will participate.
- KL Workshop / SPE forum did not received enough abstracts, so they are actively looking for submissions.
- **Action: reach out to middle east and other regions SPE chapters to increase participation in MPD conferences and industry events.**