

IADC Committee Meeting Day 1 - 1st March MoM

08:00 – 08:05: Initiate Event

08:05 – 08:15 Safety Moment: Chris Scarborough talked about the use of MPD as a component of the primary barrier and for influx handling and dealing with hydrocarbon gas dispersal in MPD operations. Zoned area controls, gas concentration monitoring, and impact on HVAC systems.

08:15-08:20 IADC Antitrust Guidelines IADC Representative (Leesa Teel)

08:20 – Volunteer request to take meeting minutes (Stuart McCallum)

Announcements

(Martyn Parker) gave an update to the group on the following:

- The update to the IADC Underbalanced Operations & Managed Pressure Drilling Committee Resources and links page.
- Funding for the HSE
 - Start of year \$25k – Goal \$75k – Invoiced \$45k (Leesa)
 - Q1 2023 launch dependent on IADC Resources and reaching the \$75K Goal.
 - Pledges for money for MPD Course – Reach out to Martyn / Leesa
 - Paul: May be better if the item exists rather than support a build.
 - Challenge 2 – Why don't we have questions upfront
 - Vanni: Decision was to have the questions once we had funding - \$50k for Questions online & \$25k for final exam.
 - Martyn: Vanni to assess if we have enough funding to get started. Start looking at groups to get started.
 - \$5000 pledge is typical

Subcommittee updates

(Isabel Poletzky) UBO Sub Committee:

- Needs Support looking for more participants to join this work group.
- Goal to align with the Land Guidance document equipment tables and format.
- The group will be meeting Wednesday / Thursday to review document and new section drafts (Multi-phase MPD, CT-UBD).

(Leiro Medina) MPD Sub Committee:

- IME addendum to 92 M & S edits will be reviewed and shared over the meeting. Needs an estimated hour to review if no major feedback.
- The main focus of this group is to return to developing the MPD Control System Testing guidelines.
- The group will be meeting Wednesday / Thursday.

(Per Christian Stenshorn) DGD Sub Committee:

- Roger: The document is out for ballot, out for comments. April 11th is end of ballot.
- This group will not be meeting.

(Oscar Gabaldron) RGH Sub Committee

- Lots of meetings with good discussions – Chris Scarborough has joined with valuable input.
- RGH has been discussing the methodology for RGH guidance and developed a Flowchart
- Looking to get input from Rig Contractors – what are their MPD and conventional current procedures?
- Hoping by end of 3 day meeting to have a consensus on methodology.
- Simulating gas in riser response (modelling and lab simulations) remain challenging.
- The group will be meeting Wednesday / Thursday.

(Guilherme Siqueira Vanni) HSE Sub Committee

- More than half the required funds have been pledged.
- Check with Brooke regarding the schedule for Q1 2023.
- Will try and fit IADC accreditation group, collect questions, unanimous selection.
- Who interested in helping sort out the questions? (Keep it a tight group of 5-6 people)
- Update \$38k of the \$45k pledge collected
- (Martin Cullen) – IOGP training document is guideline for rig contractors/operators.
 - This is a broad feeling training and competency should look like.
 - Shell, ENI, Total, Equinor in the group.
 - Vanni is the ghost writer – It will be out on 9th March, Passed CTSC.
 - Leiro: IOGP - He has revised the document – The LL pages were shared amongst the MPD IADC group. The language was not how MPD IADC group would talk.
 - Leiro: The LL's should be reviewed by MPD SME so correct terminology.
 - Vanni: Documents were submitted as written.
 - Leiro: The LL's could be damaging to MPD if not reviewed.
- The group will be meeting Thursday.

Update: API 16RCD

- Micah: 3rd edition Q3 last year. Approved 131 comments.
- Submitted to API yesterday to editorial, 60 days to publish.
- No breakout sessions required.

Sara Shayegi: Gave the overall committee an update on the changes from API 7NRV's to API 7V.

- 7v Differences
- DPFV instead of NRV
- Testing differences
- Reviewed sequence
- Would it apply to CCS valves? Not at this time
- Temp and velocities (flow rates) taken into account now
- Sara lost signal

15min BREAK 9.15-9.30am CST – Look to get Sara back

Sara continues with presentation

- Roland: Sub Committee 5 – it has been balloted (there were enough changes to re-ballot). Draft copy to Sara today.

- Paul question:
- Clarification of definitions – What about ported floats, where do they fall? It is mentioned in N7. They won't pass these tests, so what document do they fall in?
 - Roland will have a look and circulate the information.
- Internet issues. Lost her again.
- Hari – Just arrived. He's asked if ported floats are in this document.
- Martyn – Assuming ported float testing likely in the document as different test.

Follow on:

- Q2 Meeting in June is planning to be a F2F meeting. Discussion for the group for their input into future committee meeting formats.
 - F2F Positives
 - Chat offline resulted in some good spin off tasks.
 - Hybrid not considered ideal, and, if it is to make sure the facilities are appropriate.
 - Participation has dropped slightly with virtual.
 - Consider opening and closing session for remote access – the rest is for the work groups to complete.
 - Oscar: Wouldn't mind a hybrid.
 - Roger VanNoort: Would be better to be at the IADC in Houston rather than NOV? Technology standpoint for Hybrid.
 - Leesa: Will check schedule to see if IADC could host the meeting.
 - Leesa pointed out the funds will need to be considered for the Workshop in KL for hotel sundries.
 - Martin Cullen: Hybrid conference in Abu Dhabi went very well with questions involved also. It had a 2 person IT team.
 - Leesa: Stressed that conference should be F2F. It makes sense for the presenter to have an audience. Also virtual would have a big impact on IADC funding.
- Martyn: Q2 2 day will be hybrid – Start up and final virtual. Break outs hybrid but F2F
 - Action check with NOV.
 - Back up IADC & Blade (Oscar to confirm).
 - Q3 & Q4 to be decided which route it will go.
- Leesa: Estimate 20-25 people share sponsor of committee meeting
 - Stressed her comments were for the conference – that costs will be more and should be in person.
 - To go hybrid for committee meetings in KL it shouldn't be an issue. Time zone is the biggest factor.

AOB

RGH topic brought into AOB

- Oscar / Jon / Paul / Omer
- Adjust booster pump to maintain pressure. Choke position stays the same.
- This is to monitor & circulate out a riser using a boost pump.
- Omer is sending to Vanni to put watermark on the document (Draft: For Committee use).
- Oscar explained back ground of RGH handling.
 - Either MPD or RGH system onboard.
 - Discharge is to MGS not overboard.
 - Chart split with both systems.

- Techniques
 - Constant choke pressure.
 - Constant bottom riser pressure.
- Clarity on methods to be used: one or other or both.
- The kick size is already assessed in the IME calculation. That has the safety factor to make sure we don't put too large a kick in the riser.
- This procedure will add extra safety, showing if the IME limits are exceeded or wrong. Having the RGH procedure will give confidence in the handling of gas in the riser.
- 3 kick response
 1. In limits of IME: handle the kick.
 2. Exceed limits IME: hand to BOP's and circ Riser.
 3. Handle kick into riser. Close BOP and circulate kick in the riser
- Jon brought up the restrictions from rig contractor and operator to handle an influx in the riser; he liked the start of what was being done.
- Operators: Andre – Keep things simple and would need to be practical and useful. Anything too complex will deter operators.

Tomorrow

- RGH Subcommittee happy to meet now
- HSE Group do not need 2 days as not too much to discuss right now – Thursday would be best for 2hr. Vanni is in Brazil and it is on holiday. Tuesday / Wednesday – Approved and agenda correction.
- UBO group will meet both days (Isabel).
- MPD Planned for both days (Leiro).
- 16RD CD, as it is out for editorial, does not need to meet.
- DGD - Out for ballot currently does not need to meet.

Wrap up Day 1

- Tomorrow, go to the general meeting room on Day 2 and 3.
- You can then choose the break out room you prefer.
- Removing DG & RCD groups from options.
- HSE will only be there on Thursday.
- Thursday Noon – 2pm (Paper Selection Committee will be meeting in the general meeting room).

Finish 10mins early