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.
  o This is a broad feeling training and competency should look like.
  o Shell, ENI, Total, Equinor in the group.
  o Vanni is the ghost writer – It will be out on 9th March, Passed CTSC.
  o 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.
  o Leiro: The LL’s should be reviewed by MPD SME so correct terminology.
  o Vanni: Documents were submitted as written.
  o Leiro: The LL’s could be damaging to MPD if not reviewed.
• The group will be meeting Thursday.

Update: API 16RCD
  o Micah: 3rd edition Q3 last year. Approved 131 comments.
  o Submitted to API yesterday to editorial, 60 days to publish.
  o No breakout sessions required.

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

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

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

Sara continues with presentation
  o 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).
- 16RDCD, 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