**Wed Feb 28th IADC Houston**

Kick off meeting Andre Alonso Fernandes (current UBO and MPD Committee chairman)

Safety Moment PRVs Martyn Parker

IADC Anti-Trust Guidelines, IADC building introduction food, and building safety L Teel

Introduction around the room

Announcements:

* API got approval for 79-3 Tripping MPD Subsea, work is being done simultaneously with 79-2 MPD Tripping surface stack.
	+ 79-1 Conventional Tripping land
	+ 79-2 MPD tripping surface stack = Ahmed Shimi chair. API Contact Katie Burkle burklek@api.org
	+ 79-3 MPD tripping Subsea Stack = Andre Fernandes chair. API Contact Katie Burkle burklek@api.org
* IOGP Well control incident classification update
	+ New meeting done between IOGP and IADC.
	+ IADC UBO/MPD committee sent proposal: Normal MPD, within planned limits, = MPD level 3 (Proposal from MPD committee). It is anticipated to receive a response from IOGP WEC group estimated March / April
	+ Early indication is that the IOGP is potentially open to limited change to definitions.
	+ IOGP indicated that MPD level 4 would not be possible.
* Vanni Update on HSE
	+ MPD question database +/- 500 questions (Peer review to be led by Ahmed Shimi) requires 2 volunteers for full day work on the review. Volunteers = Adam Keith + Ally + Martyn Parker).
* Sub Committee Update
	+ UBO = Martyn Parker, 92U work ongoing monthly meetings working on Section 8 UBD well control. No breakout session as only Martyn Parker present at meeting.
	+ MPD = Adam Keith = Will be having breakout session.
		- 92M and S are current due to Annex = update, but there will be revision of the content for possible updates.
		- What next to add to documents =Controls, Land guidance, PRVs
	+ DGD = Jonathan Thain = Reviewing the ballot comments and plan to issue to API.
	+ RGH = Mike Vander Staak = will have breakout session
		- Looking to Academia to perform a 3rd party verification of the MPD math behind the guidance. Consider talking to API for funding. IADC has access to student chapters (L Teel) to review after receiving scope of work from RGH group.
	+ HSE =Guilherme Vanni = Peer review data base tomorrow 2-28. Still developing additional questions will aim to continue in breakout sessions. IADC have requested applications for accreditation for training partners (companies).
	+ API 16 RCD = Micah Spahn = received a couple of RFI’s on subcomponents nomenclature (Bearing assembly verbiage is now to be called sealing assembly).
* 2023 / 24 Committee meetings schedule =
	+ Q2 24, June 4-6 Blade (location and sponsorship) Houston, TX
	+ Q3 24, September 19-20, after conference, Petrobras (location and sponsorship), CENPES Rio de Janeiro, Brazil
	+ Q4 December 3-5 WFT (location and sponsorship) Houston, TX
	+ Q1 2025, Feb 26-28 NOV (location and sponsorship) Houston, TX
	+ Q2 2025 Transocean (location and sponsorship) June (TBC) Houston
	+ Q3 2025 Mexico Conference Sept
	+ Conference location 2026: Committee preselected: London / Dubai / Cape Town, Namibia, Bariloche.
		- Leesa Teel will return with more information for these locations next meeting (June).
* Other Topics:
* SC16 Micah Spahn
	+ API standards meeting API SC16 reviewed the MPD control systems document that was generated by IADC UBO & MPD. They have responded that the doc generated is good but needs to become more prescriptive to become API SC16 Standard document. The meetings will be scheduled in March. Volunteers to send Micah an email.
	+ Indicated Micah to be chairman of API 16 Control system document to become chairman of the new standard, approved by majority.
	+ Plan to meet every other week for 1h. Volunteers to reach MSpahn@Pruitt.com
* API-79-2 Surface SBP Tripping document follows the layout of API 79-1 the group meets every other week.
* API-79-3 subsea SBP Tripping document requested input / support from DW drilling contractors.
* ISO Standard for MPD. (Oscar spoke to Roland Goodman as API has input to ISO). Oscar and Vanni to pick up the discussion and see if 92 series can be aligned with future ISO?
	+ Operations vs Equipment Specs ISO appears to be looking more for Equipment standards.
	+ Last conference good student participation 27. Potential to try to engage / prepare students for MPD conferences.
		- Look for Scholarships for students from Local Chapters, there is no IADC student chapter in Brazil, Mike from IADC will look and return until June.
	+ Ideas:
		- issue 2-3 topics aligned with a conference panel session for students
		- Issue some preparation material.
		- Session to determine best student paper contest work with IADC chapters in Brazil for Rio conference.
		- Monday prior to the event hold some training sessions in CENPES, volunteers, Vanni and Oscar Gabaldon.
		- Q&A Session for students Monday prior to event, volunteers
* Oscar brought up the Industry Project: Leading Indicators of Loss of Well Control (LOWC)
	+ Project funded by BSEE through Offshore Energy Safety Institute (OESI)
		- OESI is run by Texas A&M under contract for BSEE
	+ LSU is the project’s main contractor. Subcontractors are Intellicess and Blade
		- Intellicess is an entity mostly dedicated to commercializing UT Austin’s products
	+ Blade is reaching out for a survey for MPD indicators. To MPD Ops, DCs & Service providers.
		- IP Intellectual Property issue? Is this a benefit to the industry document?
		- Objective is to raise industry awareness of MPD capability of monitoring / benefits of increased monitoring etc. for safety.
	+ Consider making it a technical paper Ref “Micah”.
	+ Will return on next meeting with more information and clearer scope of work and overall goal.
* SC 10 65-4 MPC: Status request update from Chris.Mehler@bp.com, André will check and return to the group.
* MPD Documents status review:
	+ API 92M, 92S, 92U, 92P, 16RCD, Training, RGH. API 79-2, 79-3, SC10 65-4 etc.
* AOB engagement with BSEE seems to be working internally on the NTL’s not engaging with the IADC MPD committee recently. Is there an appetite for the IADC MPD Committee to reach out to BSEE? Reach out and update before June meeting?
* Does UBO & MPD committee wish to engage with other groups AADE, IADC DE’s?
	+ Reach out to IADC DE’s give an update on UBO & MPD committee.
* The ART conference in Austin would like to have MPD well control session (Chairman will attend).

Overall, View of where Committee wants to be at the end of this year!

* Working on finishing API 92C & 92U
* Roll out the MPD IADC WellSharp Course.
* Release API 79-2 & 79-3.
* Develop API 16C MPD control system standards.
* RGH validation of math models.

**Thursday 29th and March 1st IADC Houston:**

Workgroups development during the committee meeting:

MPD:

* Continued development of API 79-3, new methods included, and document went through first round. Will wait for API 79-2 group to catch up and check if both documents are aligned or if further discussion is needed.
* Fast revision of API RP 92M, identification of key discussion points.

HSE:

* Continued working on new questions.
* A peer review for part of the question database was performed with volunteers and IADC.

RGH:

* Two new members joined the subcommittee providing fresh perspective. On one side we had someone with field and flow simulation experience and insights that can provide us guidance in the numerical work we need to carry out, while the other person brought in not only the perspective of the rig contractor, but also the know-how of the riser designer.
* We discussed the objective of paper #3 and agreed to withdraw the paper and replace it as a challenge to 3rd parties. The challenge will be grounded on the subcommittee’s achievements and provides the basis upon which further research and understanding of riser-gas behavior.
	+ As part of paper #3 is the confirmation of the riser equilibrium point by lab scale experiments. The subcommittee discussed several lab setups that will be included as part of the challenge.

DGD:

* Finished revision of API RP 92 C ballot comments. The document will be sent to API for the editing process.