**2024 Q4 IADC UBO&MPD Committee Meeting. December 3-5, 2024.
Weatherford, Houston TX**

**Meeting Minutes**

**2024 12 03 Day 1**

Andre Alonso opened the meeting

* Introduction, thanked Weatherford for hosting and sponsoring the meetings, assigned note taker
* Weatherford safety brief, Safety Moment, IADC Antitrust Guidelines.
* Update on API RP 79-1 (Conv tripping Operations)
	+ 79-2 (Tripping with SBP MPD surface BOP)
		- Should be going to ballot soon.
		- If interested in collaborating, contact Ahmed Shimi or Jose Godoy (godoyj@api.org)
	+ 79-3 (Tripping Ops with SBP subsea BOP)
		- Went to ballot in Q2 2024. MPD subcommittee worked on the comments.
		- If interested in collaborating, contact Andre Alonso or Jose Godoy (godoyj@api.org)
* IOGP Update
	+ IOGP agreed on including a WCI Level 3-MPD for influxes that occur in MPD operations, which are managed within the system's limits, and not resulting of a failure of equipment, personnel, or procedures. IOGP will not orient the classification of MPD influxes within the limits as WCI level 4. There were no remarks from UBO & MPD committees, and the matter is concluded. Future communications can be possible to clarify the text.
* OESI Update (Oscar)
	+ 2024 RFP included the topic of Standardization of Managed Pressure Drilling
		- 2-3 companies submitted proposals
		- Awards expected for Feb/Mar 2025
		- UBO&MPD Committee has been discussing with OESI, facilitated by Jim Rocco (IADC's Senior Director, Government & Industry Affairs – Offshore)
		- Intent is for awarded party to engage with IADC UBO&MPD Committee and collaborate.
* API 16F MPD (Vanni)
	+ API started to write specs for MPD equipment on the marine riser
* Subcommittee Updates
	+ UBO – Antonio Torrealba / Martyn Parker
		- Close to finish the review of API 92U. Pending topics
			* Tripping operations w/jointed pipe
			* BOP considerations
			* Additional considerations
			* Gas sources of UBD operations (no chapter in it)
	+ MPD –Anthony Spinler / Adam Keith
		- Worked through almost all the comments on the review of API RP 92M
		- Plan to go over the changes during this meeting
		- Will send the draft for Committee review soon
	+ DGD – Jon Thain / Rudy Flores
		- 92C was published in August 2024
		- Working on new additions to API RP 92C, unsure if a new API document will be needed.
	+ RGH –Mike Vander Staak / Austin Johnson
		- Working on the outreach to academia for the challenge on RGH.
		- IADC reached out for potential review of the RGH Guidelines, as the whole IADC Drilling Manual is undergoing review and update
			* May have missed the time window, minimal edits might be proposed
	+ HSE & Training – Matt Kvalo / Guilherme Vanni
		- Continuing the rollout of the IADC MPD Certification program
		- The group continues reviewing questions for the IADC exam
			* Increased the Instructors' exam from 70 to 100 questions
			* Need to finish 18 questions in this session for a complete update to the question database
		- Reviewed different standards that apply to MPD
			* Planning to update HSE Guidelines
	+ API 16RCD - Micah
		- Have received 3 RFIs from API
		- Intend to work on them during this meeting
* Election of 2025 Leadership positions
	+ Vice Chairman
		- Nominees:
			* Adam Keith
			* Matt Kvalo
		- **Matt Kvalo** is elected for 2025 Vice chairman
	+ UBO Subcommittee
		- Decided to maintain the current positions
		- **Antonio Torrealba** is chairman, **Martyn Parker** is vicechair
	+ MPD Subcommittee
		- Nominees:
			* Leiro Medina
			* Andre Alonso
		- **Andre Alonso** is elected as s/committee chairman
	+ Dual Gradient Subcommittee
		- Omer Kaldirim is nominated by the group.
		- No other candidate appeared.
	+ Riser Gas Subcommittee
		- Nominees:
			* Jon Thain
			* Pedro Sousa
		- **Jon Thain** is elected as s/committee chairman
	+ HSE&Training
		- **Andy Thi** is elected unanimously
* Upcoming meetings discussion
	+ Q2 Meeting Discussion – 2025 Transocean Discussion API has a conference 2 weeks after the current schedule for UBO/MPD June 3-5
		- Proposal is to have the UBO/MPD meeting moved to June 10-12
		- Transocean and committee members accepted the proposal
	+ Noble has requested funds for 2025 Conference sponsorship
		- Mexico Conference is at the Hyatt in Mexico City, only needs food and Audio/Video sponsor
		- Noble would check if can sponsor
	+ Q4 – Houston Meeting, Maersk Training offered to host and sponsor food
		- DEC 9-11, 2025
	+ Q1 – 2026 Location Discussion, needs Houston location and sponsor
		- March 3-5 avoids spring break for Houston personnel

Other Business:

* IRP22 is being opened next week in Canada for a limited scope revision
	+ Alignment with API 92M
	+ Training with the new WellSharp update for MPD certification
	+ Reach out to Leiro Medina if you would like to be included
* Gabriela update on Repair & Maintenance (R&M):
	+ Group needs more assistance.
	+ New Volunteers: List Being Started and volunteers need to sign up.
	+ Matrix being created to determine if R&M is addressed in existing documents.
	+ Current work is to review all API documents and determine if a new API document is needed to address R&M.
* Breakout Sessions
* Adjourn for day 1

**2024 12 04 Day 2**

* Reconvene the meeting with the full Committee
* Discussion about new BSEE NTL. Some attention points:
	+ NTL No. 2024-G05. Effective Date: 11/18/2024
	+ The NTL considers the MPD equipment as Well Control equipment if the plan is to circulate influxes using the MPD system
		- Refers to 30 CFR 250.738(m), which covers "any other circulating or ancillary equipment". Effectively, this does not subject the MPD equipment to the same standards as the BOP equipment.
	+ Defines the maximum degree of underbalance for a hydrostatically underbalanced operation.
		- Equals the annular friction pressure expected in the current hole section
		- The minimum required surface MW can take in account the downhole MW, considering compressibility and cuttings loading. Thermal expansion is not mentioned.
		- The reference is to Expected formation or fluid pressure.
		- No indication of requirement to update on real time or during operations.
	+ Class notation
		- Necessary Independent Third-Party Report Information requires "The non-expired MPD class certification and notation for the drilling rig (at a minimum, should include design review, inspection, testing, installation, and commissioning)."
		- No specific mention of MPD Class Notation
		- May introduce additional burden to rig contractors, depending on whether or not they carry a specific class notation
	+ Allows for Trapping Pressure Using the Subsea BOP, upon request for doing so.
		- Until the NTL issuance, BSEE would not allow trapping pressure using the SSBOP, unless the operator filed a specific request arguing that due to well conditions, any other tripping mode would result in integrity risks to the well. Operators would need to include documentation supporting the request.
* Further discussion on MPD Equipment Specs
	+ Action is to enhance the work being performed on R&M to identify gaps in MPD equipment manufacturing specs and propose the project to API for a new Spec document, e.g. API Spec 16MPD
	+ Needs to be submitted to API by EO January
	+ Micah will provide the required forms and help with the process
* Discussion on ISO MPD Standard
	+ CNPC (China National Petroleum Corporation) is driving an initiative within ISO to produce an ISO Standard for MPD
	+ Oscar is the ANSI (USA) representative in the work group
		- Not been invited to work sessions, but learnt recently that the proposal has been "progressing continuously" and the project is expected to soon initiate a vote on ISO.
		- A delegation will visit the US in December, Oscar will meet with them and find more information
	+ Delegates from the Chinese ISO Delegation met with IADC and API on October 8th.
		- Not known to this Committee where this meeting took place, who was representing IADC and API, or what was discussed.
		- See attached screenshot sent by Anton Kozlov
* Breakout Sessions
* Adjourn for day 2

**2024 12 05 Day 3**

* Breakout Sessions
* Reconvene to share updates:

API 16RCD Update

API 16RCD Task Group met and resolved 3 RFIs that were submitted to API & will be published after API review. No further work on API 16RCD is necessary at this time.

Control System testing guidance document update

API has assigned the Recommended Practice a number (API 16W) and assigned the document to Voting Group 4 under API Subcommittee 16 alongside API 16D.

Anyone interested in communication and meeting invites can email Micah Spahn (MSpahn@Pruitt.com) and/or Sergio Gomez (GomezS@API.org)

Meetings will commence Q1 – 2025 via Teams invite from the API Listserve email assigned to Voting Group 4.

DGD Subcommittee: Did not work during the Q4-24 committee meeting.

UBD Subcommittee: Martyn lead a group of five volunteers to work on part of the pending actions needed to complete API 92 U.

MPD Subcommittee:

* Reviewed all comments received on API 79-3. Document will be submitted back to API.
* Reviewed all comments received on API 92M.
* Group decided not to incorporate Annex A into 92M, but did revise 92M to improve congruence between the documents.
* Group decided to not revise Annex A at this time as it was just published. The comments will be kept for future work.   The intent is to ensure that Annex A remains the same between 92M and 92S as two different versions could create confusion.
* Next meeting in January where the plan is to:
	+ Review the revisions that have been made to finalize the first ballot draft
	+ Review all “should” and “shall” statements to ensure we are making a safer industry for all our coworkers.

RGH Subcommittee:

* Continued to define future work action.

HSE Subcommittee:

* Finalized elaboration of questions for annual update of database.
* According to IADC update will be processed by the end of January.

ISO New standard proposal

* Committee’s chairman and vice-chairman, and MPD subcommittee’s Chair/VC will meet with IADC staff to discuss how to proceed with ISO standard development. Objective is to avoid a document not aligned with the remaining of the industry.