**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](mailto:MSpahn@Pruitt.com)) and/or Sergio Gomez ([GomezS@API.org](mailto: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.