**2025 Q1 IADC UBO&MPD Committee Meeting. February 25-27, 2025   
NOV, Houston TX**

**Meeting Minutes**

**2025-02-25 – Day 1 (Tuesday)**

Matt Kvalo opened the meeting on behalf of Oscar Gabon

* Introduction, thanked NOV for hosting and sponsoring the meetings, assigned note taker
* NOV safety brief, Safety Moment (Distracted Driving), IADC Antitrust Guidelines
* Updates on development of API Equipment, R&M standard based on the gap analysis performed by the working group (Gabbi)
  + Finalizing R&M standard this week
  + Looking to continue meetings moving forward, either 1-hr weekly or 2-hr bi-weekly meetings
  + Will have breakout session after due to high interests in topics
* Update on API 79-2 & 79-3 Tripping Operations (Micah)
  + API had their bi-annual winter update meeting
    - Discussed SC16, 4 F, Q, ST59, ST53, 16I documents
    - Discussed definitions proposed on 16I document released by Rick Cummings with CVX. Micah to request
    - Created SC23, which will overlook all of standards written by Drilling and Production Operations Subcommittee (DPOS) or standards that didn’t have a subcommittee. Looking to review in June
  + Looking to continue meetings starting next month, date TBD, pending meeting with chairs to review potential overlaps with recurring weekly meeting times/days
  + API 79-2 & 79-3 documents gone to ballots (open for review until April 2, 2025.
    - Discussed review and voting process
    - Can review and submit comments at:

<https://ballots-prod.api.org/home/OpenBallots>

* + - May sign in with username or submit comments as guest. All comments will/must be reviewed
* Update on discussions with IOGP related to Well Control Incident Classification in MPD Operations (Andre)
  + Waiting to receive feedback from last November’s meeting, which IOGP agreed with option #2
  + IOGP is not considering Level 4 but will create a Level 3 (MPD WC Incident)
  + Still discussing what defines a Level 3 or Level 4 incident
  + IOGP and IADC is pretty much aligned, however will still take some time before it is published
* Subcommittee Updates
  + UBO – Antonio Torrealba / Martyn Parker
    - Presented a MS PPT presentation for findings
      * Informed committee of the new “well control” definitions in the revised 92U document, which will go out for balloting
      * Performed a gap analysis on the various “well control” terminology and definitions across different documents and groups (e.g. IADC, API, IOGP, OSA, IRP22, etc.)
      * Trying to revise well control terminology and definitions, which are typically viewed negatively
      * Goal is to achieve a higher degree of consistency across documents created by the committees (or at least within IADC first)
      * And to improve adaptability of definitions across different drilling applications (MPD, UBD, and conventional)
    - Planning to join HSE group in breakout session to discuss with Well Servicing group
  + MPD – Adam Keith / Anthony
    - Gabby already provided updates for the gap analysis and Micah provided updates for 79-2 & 79-3
    - Will put out 92M document for comment and review
    - Looking to find dates for meetings going forward
    - Review of 92M ongoing
  + DGD – Rudy
    - Created updates on barrier and equipment schematics and formulated test around those changes
    - Gone through 92C to identify changes that need to be made to accommodate the riser
    - No planned breakout session for DGD
  + RGH – Austin Johnson / Jon Thain
    - Need to validate math
    - Looking to increase participation and interest in this group
    - Looking into other academia outreach means for RGH challenges as last year’s attempt did not gain traction
    - Submitted two abstracts for testing and operating
  + HSE & Training – Guilherme Vanni / Andy Thi
    - Changed weekly meetings to Fridays from 11:00am-12:00pm CST to hopefully improve participation and quorum
    - Meetings will resume March 14
    - Updated testing database and verified test questions vs. learning topics
    - Assessments have been updated and will roll out by end of March
    - Will have breakout session today with UBO and WellSharp Well Services Group to discuss alignment with terminology and definitions.
  + 16RCD – Micah Spahn / Joe
    - Forming a low carbon committee to address CO2 exposure
    - Currently being discussed with 16A, 16C, & 53
    - Will have a small breakout session
* Discussed remainder of 2025 IADC committee quarterly meeting locations & dates
  + Confirmed dates for Q2 meeting, June 10-12
* Discussed 2026 IADC MPD/UBO conference location & dates. Still looking for sponsor
* Discussed schedule for remainder of the week:
  + Will reconvene on Wednesday after paper selection meeting, 8:00-10:00 am
* Discussed Planned Breakout Sessions/Locations for today
  + MPD (Auditorium)
  + HSE/UBO (S. America)
  + RCD (tomorrow)
  + R&M (N. America)
  + RGH (Africa)
* Break Out into Work Groups
* Adjourn for day 1

**2025-02-26 – Day 2 (Wednesday)**

* Reconvened in the morning with paper selection committee from 8:00-10:00 am
* CPET presented ISO MPD standards efforts to our committee in auditorium
  + CNPC (China National Petroleum Corporation) is driving an initiative within ISO to produce an ISO Standard for MPD applications
  + Claimed there are no set standards and regulations for MPD operations and equipment
  + CPET was also looking to create a committee group of SMEs to help develop ISO initiatives
  + IADC Committee has requested to see draft ISO document in joint efforts to provide constructive feedback but no confirmation that draft will be sent or provided to our group
* Break for lunch
* Reconvened with breakout sessions
* Adjourned for Day 2

**2025-02-27 – Day 3 (Thursday)**

* Reconvened in morning with breakout sessions
* Reconvened in auditorium to share final subcommittee updates
* Matt Kvalo kicked off closing remarks
  + Matt will send out updated SC meeting times and days to all the chairs/vice chairs for coordination
* **Subcommittee Final Updates**
  + UBO – Antonio Torrealba / Martyn Parker
    - Working on supplemental Well Schematics and WBDs for 92U
    - Planning to either send to chairs for review or send to API directly
    - Meetings are typically held on Thursdays at 10 am, but won’t meet until we get those final diagrams
  + MPD – Adam Keith / Anthony
    - On-going review of 92M but discussed as an open group prior to close out meeting regarding Pressure Control Valves (PCVs) used as a choke vs. dedicated choke. There is concern about gray areas, in particular regarding adherence to safety and operational standards vs. an MPD choke.
      * Over-pressure protection need to be addressed? Would this qualify/disqualify it for MPD ops?
      * Will review and reference IRP 22
      * Antonio recommends referencing the Land Operations Guideline document
    - Tri-weekly meetings to convene on Thursdays at 9am-11am
  + DGD – Rudy
    - Created updates on barrier and equipment schematics and formulated test around those changes
    - Gone through 92C to identified
    - Added CML, influx management, and referenced 92S as well
    - Will create an annex for 92C
    - Meetings to convene every other Thursday from 2-4pm CST

* + RGH – Austin Johnson / Jon Thain
    - Created action plans to further engage universities and academic institutions
    - Planning to perform Lunch and Learns for universities to increase knowledge and involvement
    - Need to hypothesize what these apparatuses do then present data to students to provide students with ideas on what they can write/research/present
    - Meeting on Tuesdays at 9:30 am
  + HSE & Training – Guilherme Vanni / Andy Thi
    - Discussed with UBO definitions on well barriers
    - Will update in IADC glossary
    - Believe it’s in everyones best interest to update accordingly
    - Met with Wellsharp Well Servicing Group, won’t submit a comment from the group. Asked IADC to postpone deadline, Santo will talk to advisory board to come up with a common terminology and definitions
    - Managed to write/revise more questions, starting with backlogged questions
    - Performed housekeeping regarding items that needed to be clarified within the handbook, curriculum, and assessments.
    - Discussing with IADC on how IADC plans to enforce the curriculum. Procedures and course material may be sound but we rely on the accredited providers to be honest with the course material to ensure the correct message is passed along to the students
    - Wanting to tweak the process on future/current providers to ensure information provided to students are clear and concise, and not just to pass the test
    - Changed weekly meetings to reconvene on March 14th, 2025 and will meet every Friday from 11:00am-12:00pm CST to hopefully improve participation and quorum
  + 16RCD – Equipment Specifications
    - Defined an approach for the activities. Perform a gap analysis for equipment
    - Reviewed APIs, created NSF, and drafted comments
    - Once defined, will move forward to repair and maintenance
    - Will meet weekly basis at 9am
    - Currently have 25 volunteers for the group
    - Submitting 16F for MPD Riser equipment
  + Final Open Floor Remarks/Comments:
    - Waiting to tell API when to meet with 92M. Planning 3 weeks for now, every 3 weeks moving forward
    - Thank you NOV for hosting, great food
    - We have facility until 3-4pm today for those continuing meetings/work
  + Matt:
    - Reminder that 79 is out for ballot for comment
    - Will send finalized meeting minutes out
* Adjourn for Day 3