



**IADC UBO & MPD
COMMITTEE MEETING
MINUTES**

**1ST QUARTER MEETING
FEBRUARY 11-13 2014
HOUSTON, TX**

DAY 1 - Tuesday February 11th - 2013

0840 - Welcome, Announcements & Safety Moment

Martin Culen welcomed the UBO-MPD committee, thanked IADC for hosting the meeting and ABS for sponsoring the coffee and lunches.

Scott Maddox (IADC) gave the group a safety orientation and reviewed emergency procedures.

Scott Maddox (IADC) reviewed the IADC Anti-Trust Guidelines and expressed that the guidelines could be retrieved in their entirety from the IADC web site.

Thomas from Siem Wis then presented safety moment "Icy Road Conditions" driver awareness. All should be aware of the changing weather conditions. Martin commented on experience when living in Canada driving with summer tires on winter road conditions. When road conditions are a safety concern it is best to remain off the road.

Introduction of Attendees

Each attendee gave an introduction including company name and work location. See Appendix 1 for the detailed list of the attendees.

George Michaud (MPO) nominated to take meeting notes.

IADC Update on 2014 MPD/UBO Conference

Leesa Teel advised committee of the status of the planning for the upcoming conference and committee meetings to be held in Madrid.

- Tuesday 8th April – slot for keynote speaker is still open, and canvassing for volunteers
- Sponsorships received for MPD/UBO conference with additional sponsorship needed for the DGD workshop.
- Sold 22 of the 25 exhibits available
- Information can be found at Conferences@IADC.org
- Sponsor for the committee meetings still required

4Q13 Meeting Highlights Overviewed

UBO Subcommittee Isabel (Halliburton)

- Status of the 92U document was shared, with information from previous document custodian passed to Isabel. Document is presently with API, however, there are outstanding comments from reviewers that have not been included.
- Committee requested information for subcommittees with regards to air drilling operations in relation to task group discussions.

MPD Subcommittee

- John Kozicz was not present, and Brian Grayson updated group
- 3 documents being worked on
 1. PMCD Subsea Stack



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2. PMCD/MCD/DMCD Land/Surface Stack
 3. CBHP – Subsea Stack
- MPD document (CBHP Land/Surface Stack) 92M– Final review completed – graphical work needs to be done showing barriers
 - PMCD onshore document pending
 - Questions as to whether documents will be worked on concurrently or sequentially
 - Combine surface stacks and offshore in one overall 92M document that covers the different types of MPD discussed.
 - API has two standard meetings discussing technical issues
 - Subsea stack work still pending with the completion of one additional chapter ()
 - consider reassigning PMCD surface stack discussions
 - Presentations being worked on for the DGD workshop in Madrid

DGD Subcommittee

Frederic Jaquemin provided an update via email as he was unable to attend the first day of meeting, with the emphasis being on the upcoming DGD workshop in Madrid. All planning is on track for the workshop, and no break out groups are anticipated for this week's meeting.

Certification Task Group

CJ Bernard updated the Committee on the status of the group and work done.

- If anyone would like to form part of the group please communicate to CJ
- Suggestions have been made to DNV to have more input from the industry technical experts in relation to MPD
- DNV recognizes that the document requires review
- Next review planned in March/14
- Work required during these meetings on document review, feedback to DNV
- Steps required to communicate to DNV the forward plan to capture all requirements and recommended practices
- Jeff Robbie commented that MPO may be able to give advice as per working with DNV

HSE / Training Subcommittee

CJ Bernard updated the committee with regards to the work performed after the last meeting. The current document was reviewed in the intervening months and suggestions made by Adrian Holbrook for enhancements.

- An open discussion began with regards to the need to significantly alter the current document. CJ will discuss the way forward with those committee members who would like to help finalize the document.
- Martin Culen updated the group on the UBO training initiative and the work that IADC requires to finalize the changes to the curriculum.

Outreach Subcommittee

There was no interim work performed by the subcommittee, but a discussion ensued on the perpetual topic of how to engage more operators in the Committee.



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- Brian Grayson commented as to possibility of arranging a booth to be manned during next DGD/MPD conference, dependent on space availability.

Regulatory Liaison

- Current initiatives ongoing
- Follow-up and participation ongoing
- Discussion on framework of the NCL
- Request attendance from BSEE to address issues/concerns with regards to DGD
- Comment to how better to communicate between the groups
-

1025 1045 - Break for Coffee

- Post coffee break open discussion to reinforce importance of improved communication/interaction with BSEE
- George Medley still identified as point of contact
- Martin Culen with follow-up with George M. and BSEE to re-establish link for future communication

1050 – Status of API 16RCD

Martin provided an update on the Task Groups work.

- First Edition reaffirmed Q4 2013
- Best practices /operational testing is the further work required by the group.
- Second edition (e2) of the document cleaned up however API has queries from the technical writer
- In addition comments have been made for further testing requirements/JIP
- Task Group members have received working documents, and made final comments to some of the proposed changes to e2. These will be finalized during the week.

1100 – Well Control Committee Liaison

Earl D attended the WC committee meeting and provided the following update via email:

- They are creating new documentation for new well control training (WCI)
- Looking at curriculum, Electronic testing ideas, instructor certification, train the trainer, and standard
- Simulation subcommittee are working on how simulators are used in training and competency (No update)
- API outreach - RP53 needs to be read by all, as it is being moved from offshore to onshore by regulators
- Asked for a 2014 Well Control Committee vice chair (Drilling Contractor only), no volunteers
- Gas in Riser workshop is coming up (Paul Sonnerman w/Safekick is chairman)
- Deepwater well control subcommittee is almost done with IADC RP
- API meetings June 16 in Chicago coming up

A discussion amongst the committee centered round the linkage between Riser Gas Handling and MPD, and whether or not these too should be combined or mutually exclusive. The Committee remained divided on the subject with further discussion with the Well Control Committee required.

1130 - Document Status

- HSE Guidelines



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- As noted in the subcommittee report.
- MPD Best Practices
 - Break out session will be conducted (Per Cato / Sara)
 - Motion raised by Sara and seconded by Mike V to have one amended MPD best practices document (Committee voted unanimously)
 - PMCD Surface Stack RP is currently stalled. Sara and Dennis will contact Bob to discuss the document forward plan.
- API 16RCD – (Martin Culen / Sara)
 - Sara brought to the group's attention that future work on operational testing of RCDs would best be suited in a specification or a standard and not an RP, as it was felt that RPs do not carry sufficient weight. She suggested different testing classes be added to API Spec 16 RCD, where the current testing would be the base case.
 - The Task Group will discuss and revert back to committee on how to integrate the new testing procedures.

1150 Discussion of New Business

- Continuous Circulation Subs – The initiative to develop a manufacturing standard for circulation subs was discussed within the Committee. Brian G commented based on history, API do not generally consider requirements for standards if not in common use by multiple providers. This is based upon experience with downhole isolation valves. It was determined by the committee that this issue could be parked.

1155 - 1300 Break for Lunch (ABS Sponsored)

- As the Committee is working on numerous documents simultaneously, a list will be developed and published to keep track of them.

1335 - 1530 Breakout Group Sessions

- The Committee attendees broke out into 16RCD, 92M PMCD/ Subsea Stack, and Certification groups.

1530 - 1550 - Regroup to main room

- Dave briefed committee as to main topics of discussion in PMCD Task Group
- Final chapter considered closed but will review again tomorrow
- Brief provided on Classification task group
- Martin briefed committee on topics discussed in the RCD Task Group

The meeting was adjourned until the following morning.

DAY 2 - Wednesday February 12th - 2013

0800 kick of meeting

The meeting was called to order and Mike V volunteered a safety moment.



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The scope for the day was to continue breakout group work from the previous day's sessions.

The first order of business was to discuss logistics for upcoming 2014 meetings.

- Repsol to be contacted to follow-up position on sponsorship of Q2 committee meeting
- MPO (Jeff Robbie) commented that AKER may sponsor Madrid committee meetings (keynote speaker still pending for conference)
- Sponsors for 3rd and 4th quarter meetings
- Q3 meeting sponsored by AGR, 3rd & 4th Sept confirmed to piggy back conference
- 4th Quarter Meeting New Orleans had been suggested as venue, Shell will host meeting and considers Houston should be maintained as venue due to facility of conducting meetings. Scott M. to email Holly to confirm room availability IADC venue
- Review and further confirm dates for Q4 meetings

0820 – **Breakout Group Sessions**

1200 - 1250 **Break for Lunch (ABS Sponsored)**

1250 – 3:45 **Breakout Group Sessions**

Meeting adjourned for the day.

DAY 3 - Thursday February 13th - 2013

0800 – Kick off

Meeting called to order and breakout group work resumed.

0900 – Regroup to main Meeting room

Dave Pavel briefed committee worked done on the proposed letter to DNV regarding DNV-OS-E101 (MPD Classification Document)

- Explanation provided with regards to how DNV defines the process and essential equipment
- Proposed forward plan that the committee send a letter communicating to DNV the requirement for further discussion and alignment on the definition and specification of MPD equipment
- A draft of the letter was reviewed with the committee at large with no negative feedback from the group.
- Dave and Martin will lead the requirement for further feedback from the committee and following send the letter to DNV.

0940- 1000 – Break for coffee

1140 – Regroup to main Meeting room

Task Group Updates

- PMCD Task Group (Per Cato) updated committee: Advised plan will be to review and clean up during next committee meeting.
- 16RCD Task Group updated committee:



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Martin Culen briefed committee on accomplishments during the meeting, with proposed edits to e2 sanctioned by the Task Group.

- Document will be submitted to API.
- Group has commenced base outline for classification testing outline
- Potential to migrate Classification requirements into the eventual E3 revision
- Classification testing focuses on testing relative to operational drilling parameters/scenarios

- Blade commented that Repsol has communicated they are interested in sponsoring the committee meeting in Madrid

1200 - Motion to adjourn by Marin Culen seconded by Dennis Moore.

- Meeting adjourned.



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Appendix 1: Attendees List

Last Name	First Name	Company
Harish	Patel	ABS
David	Pavel	AFGlobal Corporation
John	Cohen	AGR Enhanced Drilling
James	Dech	AGR Enhanced Drilling
Ole	Rolland	AGR Enhanced Drilling
Oscar	Gabalton	Blade Energy
Martin	Culen	Blade Energy
Lei	Zhou	BP America
Louis	Romo	BP America
Dale	Straub	Chevron
Robert	Sokoll	ConocoPhillips
Tony	Worthen	Drill Cool Systems
Kaydree	Uzelman	Elite Energy Products, Ltd.
Andrew	Barabash	Elite Energy Products, Ltd.
Owen	Clark	Halliburton
Joseph	Karigan	Halliburton
Christopher	Bernard	Halliburton
Isabel	Poletzky	Halliburton
Mike	Vander Staak	Hess Corporation
Scott	Maddox	IADC
Christopher	Goetz	Kingston Systems
Jeff	Robbie	Managed Pressure Operations
George	Michaud	Managed Pressure Operations
Austin	Johnson	Managed Pressure Operations
Jess	Nichols	Managed Pressure Operations



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Last Name	First Name	Company
Dennis	Moore	Marathon Oil Company
Charles	Kamps	M-I Swaco A Schlumberger Company
Jaye	Shelton	M-I Swaco A Schlumberger Company
Bastiaan	Liezenberg	M-I Swaco A Schlumberger Company
Shantur	Tapar	National Oilwell Varco
Thomas	Jackson	National Oilwell Varco
Alan	Clarke	National Oilwell Varco
Frédéric	Jacquemin	Pacific Drilling
Ken	Downs	Pruitt Tool & Supply Co
Jason	Shaffer	Pruitt Tool & Supply Co
Helio	Santos	Safekick
Brian	Tarr	Shell Exploration & Production Co
Sara	Shayegi	Shell Exploration & Production Co
Tom	Askeland	Siem WIS AS
Per Cato	Berg	Statoil
Dag Ove	Molde	Statoil
John-Morten	Godhavn	Statoil Gulf of Mexico
Gavin	Humphreys	Stena Drilling
Stewart	Wilson	Strata Energy Services Inc
Wade	Cornelson	Transocean
James	Chambers	Weatherford
Brian	Grayson	Weatherford



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Appendix 2 – MPD/UBO Committee Document Status

Document Title	Custodian	Status	Date
API R92U	Isabel	Revision currently with API, however, some proposed changes have not been incorporated into document.	Dec 5 2013
92M CBHP Surface Stack	Dave	Currently with API for consideration as a RP.	Dec 5 2013
92M PMCD Subsea Stack	John / Sara	Currently being worked by Committee.	Dec 5 2013
92M PMCD Surface Stack	Bob Goodwin	Initiated but stalled.	Dec 5 2013
HSE Guidelines	CJ Bernard	Changes to document proposed....	Dec 5 2013
API 16RCD	Martin Culen	e1 reaffirmed and edits to proposed e2 finalized.	Dec 5 2013



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Appendix 3: Action Item Tracker snapshot as of February 13th, 2014

MPD/UBO Committee Action Tracker						
#	Assigned To	Issue	Action	Initiation Date	Desired Completion Date	Status
1	I. Poletzky	Determine status of document with API.	Contact Roland at API	Dec 5, 2013	14 Mar. 2014	Open
2	S. Shayegi	PMCD Best Practices	Follow up with Bob	June 06, 2013	01 Dec. 2013	Open
3	M. Culen	RCD16 End User List	Complete List	June 06, 2103	01 Dec. 2013	Open
4	M. Culen	Write articles and updates for drill bits and drilling contractor magazine. Conduct interview – note, very broad action and will be an ongoing process as necessary.	Chase SC chairs for Updates	June 06, 2103	01 Dec. 2013	Open
5	M. Culen	Content for Subcommittee Web Pages (DGD and MPD have content, may need content for UBO only)	Chase SC chairs for Updates	June 06, 2103	01 Dec. 2013	Open
6	M. Vander Staak	Air Drillers in Committee	Reach out to air drillers and invite into committee	June 06, 2103	01 Dec. 2013	Open
7	M. Culen	CBHP Best Practices Document	Send sanitized Riser Tension Curve to Sara	12 Sept 2013	01 Dec. 2013	Closed
8	B. Grayson	Role of outreach subcommittee seems ill defined	Develop mission statement for outreach subcommittee	12 Sept 2013	01 Dec. 2013	Open
9	I. Poletzky	Curriculum has been circulated within IADC	Action was taken to review status of document in Frankfurt lead by Ryan, and Brenda's recommendations from IADC.	05 December 2013	12 February 2014	Open



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MPD/UBO Committee Action Tracker

#	Assigned To	Issue	Action	Initiation Date	Desired Completion Date	Status
10	Scott Maddox	Well Control committee coordination	Scott to advise committee when next Well Control Meeting is	05 December 2013	12 February 2014	Closed
11	Scott Maddox	HSE Guidelines.	Send CJ the latest version of the document	05 December 2013	05 December 2013	Closed
12	M. Culen	Engagement of certifying authorities regarding MPD activities	Finalize and send letter to DNV	14 Feb 2014	15 Mar 2014	Open