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DAY 1 – Tuesday February 23rd

Welcome, Announcements & Safety Moment.

Per Cato Berg welcomed the UBO-MPD committee. Per Cato gave us a welcome speech and covered IADC antitrust policy. The guidelines can be retrieved in their entirety from the IADC web site.

Sara covered building safety exits and gave Safety moment. She shared a recent experience with dehydration while having the flu. Take away message; Take care to keep yourself hydrated. Drink lots of water.

Introduction of Committee Members and Guests.

The group was then asked to introduce itself. Each attendee gave an introduction including company name and work location. See Appendix 1 for the detailed list of the attendees.

B. Fossli appointed to be a minute taker.

Q4.15 Meeting Minutes – Review

The previous minutes were officially approved.

Subcommittee reports

MPD – Per Cato Berg

Surface BOP - Document 92M – Comments are processed and submitted to API
API has updated document and sent to the balloters (votes expected March 01.16)
Awaiting feedback from API
Some discussion on whether to modify 92M again based on comments to the SBP w/ Subsea BOP. No definitive conclusion was reached.


Subsea BOP – PMCD- Document 92P – Revised in September and sent to API
API has formatted the document and sent it back to committee with some questions

Subsea BOP – Surface Backpressure MPD – The was distributed to the group for comments, 531 comments were made. There are still 213 comments left that needs to be processed. The MPD task group will be concentrating on this during their breakout sessions

DGD – Dale Straub/ Børre Fossli

CML. No breakout session for this meeting.

Work to prepare a draft for Controlled Mud Level (CML) MPD RP has been started. The intention is to have a first draft ready for next meeting in Houston in April. It is recommended to review and discuss first draft in break-out sessions, possibly first time in April. Break-out session to consist of minimum representations from operators and drilling contractors. Volunteers are needed.

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API Task Group Reports:

SBP, surface stack (92M) & PMCD, subsea stack (92P) – Sara Shayegi and/or Per Cato Berg
Covered by MPD subcommittee report

The remaining subcommittee-, liaison- and task group-reports were postponed until video meeting with Houston:

Discussed Meeting schedule

2016 Committee Meeting Destination.

Quarter	Date	Location	Sponser
Q1	February 23 - 24	Rijswijk & Houston (by video) or Webex	Shell
Q2	April 14 - 15	Houston IADC (after Galveston conference)	Halliburton
Q3	August 23 - 25	Houston & London/Oslo (by video)	MPO
Q4	December 6 -8	Athens / Milan & Houston (by video)	Ocean Rig or Saipem

Q2 is confirmed. Q3 is confirmed in Houston (MPO to decide 2nd location (London or Oslo). MPO (Andrew) to check with Ocean Rig/Saipem concerning Q4 meeting.

Identify Working Session Topics

Identified need to for working sessions covering:

- Review IADC committee comments to “SBP, subsea BOP” document
- Review API comments to “PMCD, subsea BOP” document
- API 16 RCD task group will be meeting in Houston to review “Operational testing standard”

Lunch - Sponsored by Shell


Workgroup Break-Outs

- There were some discussion on the definition for a “Well Control Event”. The group did not conclude on the proposed definition.
- Continued to work through outstanding items on “SBP, subsea BOP” document according to list 526 – through 387 (12 ea.).

Video Conference with Houston 14:30 -17:00

Short introduction to participants

Recap of subcommittee reports and break-out session:

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- UBO Subcommittee – Mike Vander Staak and/or Dennis Moore
Not present. No activity since last meeting to note.
- MPD Subcommittee – Per Cato Berg gave short summary of this morning briefing
- DGD Subcommittee – B. Fossli gave short summary of this morning briefing
- HSE / Training Subcommittee – Oscar Gabaldon and/or George Medley
xxx
- API 16RCD – Martin Culen and/or Shantur Tapar
Martin Culen gave resume on work ongoing.

Liaison Reports


- Regulatory Liaison – Earl Dietrich – No report
- Well Control Liaison – Paul Sonneman and/or Charlie Orbell – No report
- Certifying Authority Liaison – CJ Bernard
DnV; Request for update was sent to DNV and reply was that they are in an internal work process on the document and they are not done with that yet.
 - They are open for industry involvement in any revisions and changes afterwards.
 - They have asked for any current issues that we may want to share
Intend to resubmit the letter we originally sent (with their replies that they sent) and request a review of those points.
- **ABS**; Had meeting with Jay and Harish and discussed status and plan forward for their doc.
 - They have nearly completed internal review and revisions to meet ABS standards etc. and are soon to finalize
 - They will send out the doc very soon for industry review and comment (2nd round). Have a short fuse for commenting
 - They hope to resolve comments in short order and have last meeting with industry at ABS facility for final acceptance..... in MAY 2016
Whoever needs report; send message to christopher.bernard@halliburton.com

Well control definition

The suggestions from the “Houston group” regarding definition of “Well control event” for the “Subsea BOP “-document was discussed. The following was agreed;
“Well control event: an event during well activity that requires activation of the blowout preventer equipment when the operational envelope of the primary barrier is exceeded.”

Workgroup Break-Outs

Continued to work through outstanding items on “SBP, subsea BOP” document according to list.

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DAY 2 – Wednesday February 24th

Welcome Coffee – Sponsored by Shell

Workgroup Break-Outs

9:15 – 12:00

The majority of the time was spent on updating API 92P- First Ballot Draft. Worked through document and accepted/rejected changes and comments received from API (Roland). Discussed updating 92P, with the agreed changes done to the SBP SSBOP document, before sending the document back to API.

Worked on processing comments for “SBP Subsea BOP” from (# 30 on page 1 of 20 to # 402

12:00 – 13:00 **Lunch – Sponsored by Shell**


13:00 – 14:30

Continued processing comments to “SBP Subsea BOP” (#402 until #142 on page 2 of 20)

14:30 – 17:00 **Video conference with Houston (and others on WebEx)**

Short recap of break-out session

- RCD 16 RCD: Martin Cullen covered testing framework discussed in break-out session.
- Per Cato gave short recap on what we worked on this morning in Rijswijk. Discussed if we should implement the new changes made in subsea document into 92P document. This was discussed and we reached agreement on that Per Cato would implement changes into 92P before sending document back to API. We also decided to implement changes in 92M if accepted by API without delaying publication.
- Review of comments in “SBP, subsea BOP” document.
There was some discussion on requirement for a second barrier/seal below RCD in order to be able to change out a seal element in the RCD while maintaining the primary barrier intact. There was consensus from the majority of participants that there should not be such a requirement.
- **Coffee break - Sponsored by Shell**
- Discussed comments just received from API on 92M document.
 - Section 2.1.6 – Kick
 - The word “hydrostatic” should be removed. It should read: An unplanned, unexpected influx of liquid or gas from the formation into the wellbore, where pressure in the wellbore is insufficient to control the inflow.

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- Agreed. The entire last part of sentence is removed so now it reads “An unplanned, unexpected influx of liquid or gas from the formation into the wellbore”
 - Comment 2
 - Section 4.6.i – 4th bullet , add f: the use of flow meters. Agreed
 - Comment 3
 - Section 5.1.4 –The words Formation Protection should be removed. Agreed. Changed heading to “Overpressure protection system”. Changed 5.1.4.1 to : “A suitable method should be in place to guard against inadvertent overpressure of formation or equipment without fully venting well bore pressure.”
 - Comment 4
 - Section 8.4.1 – Change reference from 5.4 to 8.4. Agreed
- Continued processing comments from # 144 through # 423
- Plan to call for Webex meeting to process more comments to “SBP, subsea BOP” document before next committee meeting in Houston.

Per Cato thanked Shell for arranging and sponsoring the meeting, and adorned the meeting.

Adjourned meeting at 17:00

Attendance: Reijswijk


Name		Company Name
Jay	Preskitt	BSEE
Glenn	Johnson	CAMERON INTERNATIONAL CORP
Nate	Smith	CAMERON INTERNATIONAL CORP
Tamas	Mezo	CONTITECH RUBBER INDUSTRIAL LTD
Borre	Fossli	ENHANCED DRILLING
Bastiaan	Liezenberg	M-I SWACO
Christian	Stridsklev	NATIONAL OILWELL VARCO
Andre	Fernandes	PETROBRAS
Sara	Shayegi	SHELL INTERNATIONAL EXPLORATION & PRODUCTION
George	Medley	SIGNA ENGINEERING

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Per	Berg	STATOIL
Gavin	Humphreys	STENA DRILLING

Attendance: Houston

Name		Company Name
Jay	Bruton	AMERICAN BUREAU OF SHIPPING
Martin	Culen	BLADE ENERGY PARTNERS
Oscar	Gabaldon	BLADE ENERGY PARTNERS
Chris	Scarborough	BP AMERICA, INC.
Wael	Essam	BP AMERICA, INC.
Dale	Straub	CHEVRON
Jeff	Graybeal	DIAMOND OFFSHORE
George	Hanst	DRILLING INNOVATIVE SOLUTIONS
John	Cohen	ENHANCED DRILLING
Joe	Karigan	HALLIBURTON
Christopher	Bernard	HALLIBURTON
Steve	Woolsey	MAGNUM TECHNOLOGY CENTER
George	Michaud	MANAGED PRESSURE OPERATIONS
Brian	Piccolo	MANAGED PRESSURE OPERATIONS
James	Lins	M-I SWACO
Shiva	Kapavalapu	M-I SWACO
Andre	Perales	NABORS DRILLING SOLUTIONS
George	Tisdale	NATIONAL OILWELL VARCO
Ajay	Kulkarni	NATIONAL OILWELL VARCO
Andoni	Zagouris	NATIONAL OILWELL VARCO
Tracy	Mossman	NEXEN ENERGY SERVICES
Martyn	Parker	OPTIMAL PRESSURE CONTROL
Micah	Spahn	PRUITT TOOL & SUPPLY
Paul	Sonnemann	SAFEKICK
Charley	Kamps	SCHLUMBERGER

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Brian	Tarr	SHELL EXPLORATION & PRODUCTION COMPANY
Peringandoor	Hariharan	SHELL EXPLORATION & PRODUCTION COMPANY
Harry	Bolle	SIEM WIS AS
Tom	Askeland	SIEM WIS AS
John	Kozicz	TRANSOCEAN
Robert	Ziegler	WEATHERFORD