



**IADC UBO & MPD
Committee Meeting
MoM**

**4th Quarter Meeting
Dec 5 – 7, 2017
Maersk Training, Houston**

Day 1 – Tuesday December 5

08:30 Welcome, Announcements and Safety Moment

Oscar Gabaldon welcomed the UBO & MPD Committee and thanked Maersk Training for sponsoring the meeting. Safety briefing about the facilities by Jacob Petz.

Introduction of Committee Members and Guests. The group was 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.

Calvin Holt volunteered to be a minute taker.

Safety moment – Holiday season travel safety reminder.

IADC Anti -Trust policy.

Oscar was awarded a Leadership Award by IADC for his contributions to this committee by Lisa Teel

Lisa provided an update on April's Conference – still looking for panelists. 9 Sponsors to date.

Reviewed last meeting minutes: nothing new to add

09:00 Discussed Meeting and conference schedule

2018 Committee Meeting Schedule.

Quarter	Date	Location	Sponsor
Q1	February 6 – 8	Houston	API
Q2	April 19 – 20	New Orleans	Shell – Sara confirmed at One Shell Plaza
Q3	September 18 – 20	Aberdeen	Weatherford (Location TBC)
Q4	December 4 – 6	Houston	TBA – Sponsor and Location

Post data note: WFT Aberdeen confirmed dates and location for sponsoring Q3 2018 meeting, as per Michael Cadd.

2019 Committee Meeting Schedule.

Quarter	Date	Location	Sponsor
Q1	TBA	Amsterdam	TBA

09:30 Subcommittee reports

UBO

- Antonio Torrealba (Vice Chair) will have to stand down due to work load. Dennis Moore advised that with limited resources, the committee will only focus on high priority items as they arise.

MPD

- Andre advised working ongoing on Influx Management Annex (for 92S & 92M). Work



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sections assigned to individuals. Hoping for a working draft by year end.

- API 92S - may be re-balloted. (Subsea – ABP). Just re-ballot only the changed sections as opposed to the entire document is a question with API.
- API 92P – will be re-balloted (PMCD)

Gas in the Riser

- Robert Ziegler advised Influx Control document will influence RGH document and will not overlap/conflict, it's intended to be an appendix to the IADC Deepwater Drilling Manual.
- Oscar advised draft document under review but timeline unclear. It will not be referenced in the Influx Management Annex at this time.
- Some thought to developing guidelines as a section for conventional drilling. Group spent +15 minutes discussing.

DGD

- Sara advised Børre requires latest 92S to stay aligned.
- CML overbalance is the primary focus but other applications like logging may be discussed. Discussion on whether or not the RGH system should be included in underbalanced cases.

HSE & Training

- George Medley advised WellSharp accreditation will not be pursued. Current documents need to be updated to reflect this. Website document/links are not the latest.

MPD Influx Control workgroup

- At the last meeting the main structure was defined and will not overlap/override 92S/92M.
- Volunteers picked their section. Section 1 and 2 are in final draft stage. Remaining sections still in early development.

Liaison Reports

- Regulatory report - Earl not in attendance. Oscar advised Fred Brink will attend the April Conference on a panel. Julian Pham (Standards) from BSEE Houston attended. Interested in the committee's API connection for standard writing.
- Certifying Authority report - ABS Published MPD as a separate doc (#284), and offers separate notations as MPD Ready and MPD. 6 issued: 2 MPD Ready 4 MPD pending.
- Well Control: No report.

API Task Group Reports

API 16RCD:

- Meeting planned next week. Service Application Levels for RCD testing are close to completion this year and will be an Annex or similar.
- No work to be done on this meeting.



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API RP 92S:

- See report above. Short discussion held regarding MGS (5.1.14); decided to remove 2nd sentence.

API RP 92P: No additional report.

August 16th 2017 Mike Vander Staak is requesting a liaison between API 16Q and the MPD Committee. This should be revisited in the next committee meeting in Houston (Action).

Continued significant discussion on the definition of well control and its relationship to MPD. Consensus was that MPD falls clearly into primary well control and not secondary. Within primary, more work and definitions will be required. The MPD Operations matrix clearly outlines the transition to secondary well control.

11:00 New Business

Leslie Cook w/ Wood Mackenzie presented on MPD Rig Fleet Status. Presentation will be made available and the investigation 'survey' can be shared.

- Interest is growing and Wood Mackenzie are looking to develop market insights for their clients. Started the survey, for Gen 6 and 7 DW Floater market, in October 2016.
- Owned versus Rental category will need more discussion and definition.
- Definitions of capable, ready, equipped are in play. Committee will consider developing a workgroup to finalize the definitions for approval and will meet Thursday to kick off.
- Nabors has copyrighted 'MPD Ready'.

New Idea: Group to consider developing an MPD "State of the Union" agenda during quarterly meetings with key performance indicators that track the status of MPD operations and activity.

12:00 Lunch - Sponsored by Maersk Training


13:00 Breakout sessions

Groups breaking in work sessions: MPD Subcommittee (to work on Influx Control Addendum), DGD, HSE & Training.

15:45 Workgroups report

MPD Influx Management: Reviewed current state of the document. Discussion on land vs. offshore, and subsea vs. surface. Intent of the document is to supplement with additional details what extra considerations should be incorporated in a MPD operation designed for influx, as opposed to 'vanilla' (i.e. only concerned about instability, or just constant pressure). Consider changing word 'control' to 'management'.

16:00 Meeting adjourned for the day

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Day 2 – Wednesday December 6

08:30 Oscar Gabaldon welcomed back the UBO & MPD Committee, thanked Maersk Training for hosting and sponsoring meeting.

Elections

Nominations for committee positions for 2018 were taken for each one and voted, with results captured in the following table.

Position	Chair	Vice Chair
UBO & MPD Committee	Andre Alonso Fernandes (Petrobras)	Oscar Gabaldon (Blade Energy)
MPD Sub-Committee	Martyn Parker (Pruitt)	Bob Goodwin (Signa Engineering)
UBO Sub-Committee	C J Bernard (Halliburton)	Dennis Moore/Leiro Medina (TBC)
DGD Sub-Committee	Dave Smith (Enhanced Drilling)	Sara Shayegi (Shell)
HSE / Training Sub-Committee	Jacob Petz (Maersk Training)	Jon Thain (Ocean Rig)
Gas in the Riser Sub-Committee	Paul Sonnemann (SafeKick)	Akram Nabiyev (Air Drilling Associates)
Regulatory Liaison	Calvin Holt (Chevron) / Konstantin Puskariskij (Maersk Drilling)	

10:30 Resume working sessions

Influx Management Addendum and HSE & Training

12:00 Lunch - sponsored by Maersk Training

13:00 Resume breakout sessions

16:00 Meeting adjourned for the day



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Day 3 – Thursday December 7

08:30 Oscar Gabaldon welcomed back the UBO & MPD Committee, thanked Maersk Training for hosting and sponsoring meeting.

08:45 Resume working sessions

Influx Management Addendum and HSE & Training

11:30 Workgroups report

MPD Influx Management:

- Volunteers for the Influx Mgt. sections were identified.
- Sections 1& 2 (Purpose and Scope) were agreed. Section 3.6 (Equipment) was rearranged, cut back.

HSE & Training:

- MPD Course levels, Instructor Qualifications, MPD Fundamentals Curriculum were discussion topics.

11:45 Wrap up

There was a discussion with Wood Mackenzie to present MPD rig operations/status as a regular feature of this meeting. To follow up on this.

Thanked Maersk Training for venue and sponsoring the meeting.

Committee Meeting adjourned



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Appendix 1. Attendance List:

Name		Company Name
Harish	Patel	ABS
Sohail	Mohammed	ABS
Brian	Piccolo	AFGLOBAL CORP
Akram	Nabiyev	AIR DRILLING ASSOCIATES
Claire	Thompson	ANADARKO PETROLEUM CORPORATION
Leiro	Medina	BEYOND ENERGY SERVICES & TECHNOLOGY CORP
Oscar	Gabaldon	BLADE ENERGY PARTNERS
Chris	Scarborough	BP
Wael	Essam	BP
Julian	Pham	BSEE
Calvin	Holt	CHEVRON
Scott	Gooding	CORTEC
Stephen	Corte	CORTEC
Jeff	Parker	CORTEC
Jeff	Graybeal	DIAMOND OFFSHORE
Pari	Natarajan	DNVGL
Brian	Ross	EFC GROUP
Dave	Smith	ENHANCED DRILLING
Tom	Proehl	ENSCO
Scott	Charles	EXPRO AMERICAS LLC
Anand	Parthasarathy	EXPRO AMERICAS LLC
Carlton	Walden	EXXONMOBIL
Christopher	Bernard	HALLIBURTON ENERGY SERVICES GROUP
Leesa	Teel	IADC
Konstantin	Puskarskij	MAERSK DRILLING
Jacob	Petz	MAERSK TRAINING, INC
Sophie	Hovland	MAERSK TRAINING, INC
Lisa	Matocha	MAERSK TRAINING, INC
Dennis	Moore	MARATHON OIL COMPANY
Svein	Hovland	NATIONAL OILWELL VARCO
Jon	Thain	OCEAN RIG MANAGEMENT INC
Andre	Fernandes	PETROBRAS
Guilherme	Vanni	PETROBRAS
Martyn	Parker	PRUITT TOOL & SUPPLY CO
Sagar	Nauduri	PRUITT TOOL & SUPPLY CO
David	Postel	REGIONAL MARINE & ENGINEERING SERVICES PTE LTD
Zhaoguang	Yuan	SCHLUMBERGER
Sara	Shayegi	SHELL EXPLORATION & PRODUCTION



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Name		Company Name
George	Medley	SIGNA ENGINEERING CORP
Bob	Goodwin	SIGNA ENGINEERING CORP
Kieron	Gibbs	STASIS DRILLING SOLUTIONS
Alex	Bruce	STENA DRILLING
Gavin	Humphreys	STENA DRILLING
Omer	Kaldirim	TEXAS A&M UNIVERSITY IADC STUDENT CHAPTER
Al	Alajbegovic	WEATHERFORD
Brian	Grayson	WEATHERFORD
Robert	Ziegler	WEATHERFORD INTERNATIONAL INC.
Leslie	Cook	WOOD MACKENZIE