




**IADC UBO & MPD
Committee Meeting
Location Oslo, Norway**

**2st Quarter Meeting
Date 4 – 6 June 2012**

**IADC UBO/MPD Committee
4 – 6 June 2012**

Attendance Sheet		
Name		Company Name
Roger	Stave	AGR Drilling Services
Kjell-Rune	Toftevag	AGR Drilling Services
Martin	Culen	Blade Energy Partners
Ray	Bullock	Halliburton
Anton	Arnt	Halliburton
Mike	Vander Staak	Hess Corporation
Clayton	Mykytiw	Hess Corporation
Joe	Hurt	IADC
Shantur	Tapar	National Oilwell Varco
Kristin	Falk	Ocean Riser Systems
Borre	Fossli	Ocean Riser Systems
Catherine	Lagerberg	Ocean Riser Systems
Harry A.	Bolle	Siem WIS
Tom K.	Askeland	Siem WIS
Erik	Sigvartsen	SPT Group
Dag Ove	Molde	Statoil
Per Cato	Berg	Statoil
Stewart	Wilson	Strata Energy Services Inc.
Derek	Hibbard	Weatherford
James	Chambers	Weatherford
David	Pavel	Weatherford
Todd	Cooper	Weatherford
Andrew	Barry	Weatherford
Guy	Feasey	Weatherford

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4th June

Welcome, Announcements & Safety Moment

Dag Ove Molde, Statoil and Committee Chairman opened the meeting and thanked Ocean Riser Systems for hosting the meeting. Kristin Falk gave the attendees general information about the building and a safety briefing. She then introduced Borre Fossli, Chief Technology Officer, Ocean Riser Systems who gave a short presentation and welcomed the attendees to Norway.

Introduction of New Committee Members and Guests

Dag Ove Molde then asked everyone to introduce themselves, see the attached attendance sheet.

Review & Approval of 1Q12 Meeting Minutes

Brief discussion regarding Chapter 13 of NORSOK D-010 – Last edits are being made by the editorial committee, reminder was given that this will be available for everyone to view and comment on at <http://www.standard.no/en/PDF/filedownload>. The 1Q12 Meeting minutes were approved with minor adjustments.

Review and Confirm Subcommittee and Task Group Chair and Co-Chair

HSE Guidelines


Derek Hibbard reported that the HSE Guideline are drafted by HSE sub-committee will be reviewed by the sub-committee during the breakout session and will seek a motion to approve, will be posted on the IADC website seeking comments.

Training

Has been broken out and made an individual topic as it was previously included the HSE. Training document needs to be reviewed by everyone otherwise it runs the risk of singular input. It needs input and consensus of the committee.

WellCAP Course

1. A formal request to alter the course curriculum has been submitted to Brenda Kelly of IADC. Once reviewed and finalized, the proposed curriculum revision will be sent to the committee at large for their comments, which will be due back to IADC 30 days after their distribution.
2. Once comments are received by IADC, they will be reviewed and acted on.
3. The proposed revised curriculum will go to the UBO – MPD committee members for an official vote.
4. If approved, the revised curriculum will be circulated to accredited training providers. IADC will provide an implementation date by which the training providers must comply.

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Outreach

Nothing to report

Dual Gradient Drilling NTL

The NTL is completed and passed on to BSEE. There is an urgency for this to be reviewed but at present is sitting awaiting approval by BSEE. The NTL was sent to George Conner at BSEE but he gave little confidence that it would be approved soon. The committee recommended that we follow up on this.

API Spec 16

Committee recommended re-affirmation to API without addendum. Roland Goodman of API is to follow up on this.

API RP 92 U

API was asked to re-affirm with an addendum. Recommend Re-Affirmation with an addendum. Roland Goodman of API is to seek re-affirmation.

MPD Screening Tool

An e-mail on the MPD Screen Tool site has been sent to all committee members. The tool is in the public domain now and can be found under “Completed documents” on the IADC UBO – MPD Committee website at: <http://www.iadc.org/iadc-committees/iadc-underbalanced-operations-managed-pressure-drilling-committee/completed-documents>. Anyone seeking to utilize the tool will need to register to gain access to the MPD Tool by filling out a form. Once an account is created a unique password will be assigned for this download. These credentials will be e-mailed to the e-mail address provided by the person wishing to use the tool. Using the credentials sent the person can log in and be able to download the MPD Tool.

IADC MPD/UBO Website

There was a request from the committee to edit the website to reflect the current status of committee (i.e. HSE & Training split into 2 groups) & remove the flame from the illustration of MPD from the IADC website.


San Antonio IADC UBO/MPD Conference

The conference will be held 17 – 18 April confirmed that the conference will remain as a 2 day conference and that there is no scope for a 3rd day to accommodate a separate day for a DGD seminar. DGD papers are welcome but will be included as part of the UBO/MPD paper review.

Future DGD Seminar

It was agreed that a separate seminar would be a good idea but perhaps in the fall of 2013. The content of this seminar needs to be proposed by the committee, planned and decided on by the committee. Planning and scheduling of this by IADC requires 6 – 9 months.

Miscellaneous Discussion

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- **API 92U** – There was an issue with the matrix RCD pressures and how this relates to API Spec 16 RCD. A suggested amendment was approved by the committee and submitted to API but currently awaiting a response from Roland Goodwin. This document also needs to be posted on the IADC website under “Draft” or “Completed Documents”.
- **UBO – MPD Draft documents** – There was a reminder to the committee to leave any document titles, being reviewed, unchanged and only adding initials as suffix to differentiate the changed document by person editing from the original draft document.
- **1Q 2013 UBO – MPD Committee Meeting San Antonio 15 – 16 April – Need a Host**

Presentation by Rystad Energy

Jarand Rystad, Managing Partner Rystad Energy (Oilfield Knowledge House) made a live presentation showing the data base his company has developed which contains information of well operations and potential wells around the world.

DGD Breakout

Workshop date – It was suggested that next fall (Sept 2013) is too far out. The Recommendation was made to do it earlier in May 2013 during the week of OTC in Houston.

Format of meeting – There may not be any true examples of DGD work having been done by this time so the discussion of case studies which operators may have looked at should suffice.

Using an ATW (Applied Technology Workshop) format was recommended as a means to structure this day.

DGD Sub-Committee Report Back to the Committee

- **Proposed DGD workshop**


This note is a summary of discussions from the IADC UBO&MPD committee meeting in Oslo June 4-6 2012. The note is written by Kristin Falk, and is a synopsis of the discussions in the meeting. The committee proposes to arrange this as an Applied Technology Workshop (ATW). We also propose to keep together with OTC or similar conference/exhibition late spring 2013.

- **Overall workshop deliverables:**

The workshop should be the solution to and impact on the following two main subjects:

- 1. Operations and well control: requirements (technical and personnel)**
 - Optimize
 - Training
- 2. Integration on rig**
 - New technology/status
 - Certification

5th June

	IADC UBO & MPD Committee Meeting Location Oslo, Norway	2st Quarter Meeting Date 4 – 6 June 2012

HSE Document TG Report

- Derek Hibbard reported that the document has been completed and will be posted on the IADC website with a link sent to committee members to approve. Members will be allowed 1 week for approval or dis-approval. Members can approve with comments if they favor most of the document but have concerns on some parts. Any dis-approval requires comments explaining the negative vote.

Continued to review MPD Best Practices

The committee worked on changes to the MPD Best Practices document the rest of 5 June and all of 6 June. In order to speed up the review process the committee decided to hold a workshop on 8 August 2012 at IADC headquarters in Houston, TX.

Future Meetings

- **3QT12 – 10 – 12 September in Houston, hosted by Pacific Drilling**
- **4QT12 – 3 – 5 December in Copenhagen, hosted by Hess**
- **1QT13 – 15 – 16 April in San Antonio, host needed**
- **DGD Workshop 9 May 2013 in Houston, during OTC week.**