




**IADC UBO & MPD  
Committee Meeting  
AGR  
Houston, Texas USA**

**22-24 August  
2011  
3<sup>rd</sup> Quarter**

**Attendance Sheet**

<b>Name</b>		<b>Company Name</b>
Roger	Stave	<b>AGR Subsea</b>
Richard R.	Brainard	<b>AGR Subsea Inc.</b>
John H.	Cohen	<b>AGR Subsea, Inc.</b>
Martin	Culen	<b>Blade Energy Partners</b>
Kent	Fortney	<b>BOEMRE -TAOS</b>
Henrik	Helmersmo	<b>DNV</b>
Per	Esvall	<b>DNV</b>
Brandon	Caraway	<b>DNV</b>
Emad	Bakri	<b>Halliburton</b>
Craig	Godfrey	<b>Halliburton</b>
Ray	Bullock	<b>Halliburton</b>
Ken	Fischer	<b>IADC</b>
Leesa	Teel	<b>IADC</b>
Mike	Offner	<b>M-I Swaco</b>
Tracy	Mossman	<b>Nexen Inc.</b>
James	Dech	<b>Ocean Riser Systems</b>
Frederic	Jacquemin	<b>Pacific Drilling</b>
Brian	Grayson	<b>Secure Drilling Services PLM</b>
Sara	Shayegi	<b>Shell International E&amp;P</b>
Brian	Tarr	<b>Shell International E&amp;P</b>
Steve	Nas	<b>SPT Group</b>
Dag Ove	Molde	<b>Statoil</b>
Nils Lennart	Rolland	<b>Statoil</b>
Iain	Sneddon	<b>Transocean</b>
Jasmin	Begagic	<b>Transocean</b>
David	Pavel	<b>Weatherford International</b>
Guy	Feasey	<b>Weatherford International</b>
Thomas	Bailey	<b>Weatherford International</b>
Todd	Cooper	<b>Weatherford International</b>

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**Monday, 22 August 2011**

**Welcome, Announcements & Safety Moment.**

Sara Shayegi (SS) opened the meeting and John Cohen provided information about the venue. Larry Hamby, AGR, gave the safety briefing. Guy Feasey volunteered to take meeting notes.

**Introduction of New Committee Members and Guests.**

Each attendee introduced themselves including their company name and location.

**Review & Approval of 2Q11 Meeting Minutes.**

The group reviewed the draft 2Q11 meeting minutes. The minutes were adopted with one change. The group discussed including minutes of the breakout sessions in the general session minutes. Detailed breakout session notes, if any, will be available from the Subcommittee/Task Group chairmen on request but will not be included in the general meeting minutes.

**Report on Activities of DGD Subcommittee and Draft NTL on Dual Gradient Drilling.**

John Cohen led discussion of the term “Dual Gradient”. He explained that the definition would be used in the draft NTL and therefore required consensus for inclusion in that document. The draft definition is as follows:

“Creation of multiple pressure gradients within selected sections of the well to manage the well pressure profile.”

This definition was discussed by the group, realizing that it needed to be broad enough to accommodate future technologies.

The group discussed plans for the Dual Gradient Drilling Seminar to be held in Milan on 19 March 2012. Topics and speaker nominations were discussed.


Richard Brainard reported on the status of the draft NTL being prepared for consideration by the US BSEE. Again, the importance of providing flexibility to accommodate future technologies was highlighted. The need to specifically identify steps to revert to conventional well control practices was discussed. The question of including a definition of “barrier” was raised. Applicability of mudline pumping was discussed and referred to the Task Group for consideration.

**Discussion of MPD Candidate Screening Tool.**

Sara Shayegi reported on the status of the Screening Tool. She reported that the tool was ready of the next round of testing, hopefully on the IADC web server. Volunteers were asked to assist with the conversion to the IADC server.

**Discussion of UBO/MPD Training Initiative.**

Martin Culen reported on the status of revisions to the UB Well Control Curriculum. He told of plans to recruit the IADC Well Control Committee into the process by engaging them at the Well Control Conference in San Antonio later that week. (**Post meeting note:** Martin Culen, Brian Grayson and Ken Fischer met with the Well Control Committee Chair and IADC staff, as well as several well control training providers.) A question was raised concerning accreditation of DGD training. Ken Fischer informed the

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Committee that such courses could be accredited under the IADC Drilling Industry Training Accreditation Program.

**[Discussion of Draft API Standard 53 - Blowout Prevention Equipment Systems for Drilling Wells, 4th Edition](#)**

**Status of proposal to reaffirm API Spec 16RCD.**

Ken Fischer reported that he had contacted the API SC16/TG06: Task Group on Underbalanced Drilling to ask if they were willing to continue as voting members. The names of those willing to serve were conveyed to API.

**[Notice Regarding Testing Required Under API Spec 16RCD](#)**

**Report on status of IADC/SPE Conference and Dual Gradient Seminar in Milan.**

Leesa Teel reported on the status of preparations for the events planned for Milan in March 2012. Members were reminded to make their hotel bookings early as this would be in the high season. Only nine abstracts had been submitted with the deadline set for 15 October. The paper selection meeting was scheduled for 27 October at IADC in Houston. Sponsorship opportunities were reviewed. Schlumberger has signed up as Platinum Sponsor. Plans for the DGD Seminar were reviewed. NOV and Statoil have agreed to sponsor.

**Discussion of Draft HSE Planning Guidelines.**

Martin Culen reported on the status of revision to the HSE Planning Guidelines. A new Table of Contents has been prepared and sections assigned to Task Group members.

**Discussion of status of MPD “best practice” document.**


David Pavel reported on the status of drafting the MPD “best practice” document. The document is being prepared considering the MPD technique using applied back-pressure with single-phase fluid only. The well control matrix contained in API RP92U was discussed. An addendum to RP 92U may be recommended to API due to potential conflict with MPD practices. Ken Fischer agreed to contact Roland Goodman at API to discuss the procedure for issuing an Addendum.

**Report on Outreach activities.**

No report.

**Review 2011 meeting plans.**

- **4Q11** – December 6-7 in Houston hosted by Halliburton
- 19 March 2012, Dual Gradient Seminar in Milan
- 20-21 March 2012, IADC/SPE Managed Pressure Drilling & Underbalanced Operations Conference & Exhibition in Milan

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- **1Q12** – March 22-23 in Milan, IADC staff to approach ENI to sponsor at Conference hotel.
- **2Q12** – June 13-14 to be held in Barcelona in conjunction with IADC World Drilling Conference or in Oslo hosted by Ocean Riser Systems. Barcelona host (Repsol?) to be confirmed by 4Q11 meeting or will accept Ocean Riser's invitation.
- **3Q12** – In US, date, venue and host TBD
- **4Q12** – In EU, date, venue and host TBD.

**Report on Status of Marine Guidelines Task Group.**

The group discussed the importance of considering issues related to marine systems in drafting the MPD "best practice" document.

**Any Other Business.**

Steve Nas reminded the group about UBO/MPD related workshops to be held in Malaysia. One planned for August is full. Events planned for October and November still had registration spaces open.

Ken Fischer announced his plan to retire from IADC on 3 February 2012. He expressed his thanks to all Committee members, past and present, for their contributions to the important work of the group.

**Discussion of DNV Technical eNewsletter "DNV DRILL/DRILL(N) Class Requirements for Managed Pressure Drilling Systems", 26 April 2011**

Representatives of DNV had been invited to make a presentation on the contents of their 26 April eNewsletter as a result of discussions at the 2Q11 Committee meeting in Copenhagen. DNV gave an overview of the classification system as required by IMO. The described the voluntary DRILL class inspections required by some countries and the additional "N" qualification required in Norway. The group engaged in a wide-ranging discussion of the implications of the DNV approach and explained the Committee's views with regard to primary well control barriers.

**Breakout into Task Groups & Subcommittees**

The Committee divided into breakout sessions.

**Tuesday, 23 August 2011**


The meeting was called to order by Sara Shayegi. Safety, comfort and smoking arrangements were reviewed.

**Breakout into Task Groups & Subcommittees**

The Committee continued a breakout session for the MPD "best practice" document.

**Wednesday, 24 August 2011**

The meeting was called to order by Sara Shayegi. Safety, comfort and smoking arrangements were reviewed.

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**Breakout into Task Groups & Subcommittees**

The Committee continued a breakout session for the MPD “best practice” document.

**Adjournment:**

Sara Shayegi recognized AGR for their sponsorship and thanked all participants for their time and effort over the course of the meetings. The meeting was then adjourned.