



WCI Board of Directors Meeting
08:30-10:00 CDT, Wednesday, 3 October 2018
Conference Call/IADC HQ, Houston, TX

Participants:

Albert Skiba, IOGP
Carey Lowe, Ensco plc
Chuck Chauviere, Baker Hughes, a GE company
Eric Daflon, Total
Jason McFarland, IADC
Kim McHugh, Chevron
Leesa Teel, IADC
Lyndol Dew, WCI Chairman
Mike Holcomb, Patterson-UTI
Mike Sprawls for Kim McHugh, Chevron
Richard Lynch, Hess
Shawn Firenza for Joe Rovig, NOV
Simon Drew, KCA Deutag
Steve Kropla, IADC
Thom Roller, Apache
Tom Burke, Rowan Companies

1. Introductions, Antitrust Statement and Chairman's Remarks

Lyndol Dew delivered welcoming remarks. Mr. Dew conducted roll call. Mr. Kropla noted the meeting was subject to the IADC Antitrust Guidelines. Mr. Dew reported there are no new members of the Board but noted two vacancies that have occurred since the last meeting. If possible, these vacancies will be filled prior to the November meeting.

2. Chairman's Remarks and Open Discussion

Mr. Dew noted the goal for the call was to discuss progress from the previous Board meeting and to identify agenda items for November.

3. Suggestions for Next Meeting Agenda/Individual Company Initiatives

Mr. Dew asked for an update on Human Factors & Well Control Workshop planned prior to the SPE/IADC International Drilling Conference. The workshop will be held on Monday, 4 March 2019. Mr. Kropla reported on plans for the workshop brought before the Board by Cindy Taff. Mr. Kropla, along with Pierre Kriesels of Shell (Drilling Conference Chairman), has assembled a group to plan the agenda. A white paper has been prepared to outline the goals of the workshop. Presentations are planned along with an exercise. The group has a call planned for next week to further discuss specifics. The workshop agenda should be completed by the end of October.

Mr. Dew inquired about a presentation from Chevron on WellSafe. Ms. McHugh indicated she could provide an update on the project and share metrics for the three years since the initiative was implemented.

Mr. Dew noted that at the last meeting Seadrill had suggested a possible presentation covering a well control incident in Nigeria. Mr. Kropla will follow-up with Leif Nelson to confirm if it can be included on the November meeting agenda.

Mr. Holcomb offered to provide a presentation on Patterson-UTI's UBO training course for rig workers, developed in conjunction with SmithMason. He noted that the company had observed great results thus far.

Mr. Dew asked Mr. Burke for an update on work involving kick detection automation. Mr. Burke reported his main focus recently has been toward cybersecurity with a contractor work group formed to look at solutions to protect industrial control systems. He suggested a presentation on this could be made by Siv Hilde Houmb, Chair of the IADC Cybersecurity Committee.

Regarding kick detection, Mr. Burke stated that he is aware of work done by industry on kick detection technologies, specifically the Ocean Energy Safety Institute (OESI), but noted the work in progress has not yet been compiled. He offered to contact Capt. Pettigrew of OESI for a summary.

Mr. Drew suggested a presentation on KCA's well barriers program. Mr. Dew agreed that this presentation will also be included on the November agenda.

Mr. Lynch reported on a recent trip to the University of Wyoming. He noted student interest in well control and inquired about what WCI might offer in terms of educational tools/resources for universities. Mr. McFarland will update the Board on IADC's student Chapters initiative, which includes material from the WellSharp introductory course.

Mr. Dew also stated an update from IWCF and IADC on their activities since the white paper will also be added to the agenda. Antony Quin of IWCF and Mark Denkowski of IADC will be invited to present on behalf of their organizations.

4. Date & Venue of Next Full Board Meeting

Mr. Kropla stated the next meeting of the WCI Board will be held at the Ritz Carlton Hotel in New Orleans on Tuesday, 6 November at 09:00 CST. The meeting will be held in conjunction with IADC's Annual General Meeting. Video conferencing from IADC HQ will be available for those unable to attend in person.

5. Date & Venue of Following Meeting

Mr. Kropla reported the following Board meeting will be held on Monday, 17 June at 14:00 CEST at the NH Milano Congress Centre in Milan, Italy. The meeting will be held in conjunction with IADC's World Drilling Conference & Exhibition.

6. Any Other Business

Mr. Skiba noted IOGP's environmental group addressing drill cuttings management. He would like to see drilling contractors participate in the group.

Mr. Dew asked for a roll call for the November meeting.

7. Adjournment

With no other business before the Board, the meeting was adjourned. Mr. Dew thanked the Board for their participation.