

## MAINTENANCE COMMITTEE MEETING MINUTES

9 April 2014

***Location: IADC - Crown Center 1 & 2 Conference Rooms***

### Call to Order:

The committee was welcomed by the IADC Maintenance Committee Chairman, Mr. Frank Breland (Diamond). A building security and safety briefing was given by Mr. John Pertgen (IADC). This was followed by a short introduction by each attendee at the meeting.

### IADC Antitrust Policy and Guidelines and Committee Mission Statement / Introductions:

The Chairman reviewed the committee Mission Statement with the group. Mr. Pertgen provided a review of the IADC Antitrust Policy and Guidelines.

The Chairman next provided an overview of the proposed agenda for this meeting.

### Regulatory Review:

John Pertgen (IADC) provided the Committee with information about the two IADC-published semi-annual regulatory reports on the revised IADC website:

1. International Standards Activities affecting the Offshore Oil and Gas Industries --  
This report provides a handy reference to the standards development activities of various organizations (e.g., the International Maritime Organization, International Labor Organization, the International Organization for Standardization, and various international trade associations).
2. Federal Regulatory Actions Impacting the Offshore Industry –  
This report provides a reference summary that reflects the regulatory actions, announced in the Federal Register by U.S. governmental agencies, which may affect operations in the oil and gas industries.

(Note: Both reports are available at: <http://www.iadc.org/offshore-operating-division/reports/>)

Mr. Pertgen also reviewed some of the regulatory issues that have changed since the committee's last meeting. This review included a consolidation of both API and IADC's highlights. A handout, provided by Holly Hopkins (API) was made available to the group for more detailed information. The highlights included:

#### API

- API RP 2D Pending after completing 1<sup>st</sup> ballot
- API RP 75 Workgroup, headed up by Sandi Fury (Chevron) have ongoing meetings
- API new document on Life Cycle Management is under development

#### USCG

- NOSAC task reports that are active (Next committee meeting 16-17 April)
- Non-tank vessel Response Plan final rule, including cancellation of NVIC 01-05
- STCW final rule for USCG implementation of 2010 Manila Amendments

- Marine Casualty Reporting on the US OCS proposed rulemaking
- Harmonization of standards for Fire Protection/Detection/Extinguishing proposed rulemaking
- USCG issued two draft policy letters for comment regarding use of liquefied natural gas as a marine fuel
- USCG issued Marine Safety Information Bulletin (004-11) for commercial diving incident reporting
- USCG published an ALCOAST message to encourage review of vessel/facility cyber systems

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Main Presentation: Enhancing Rig Safety and Revenue by Mike Meditz (Timken). His presentation covered the following areas:

- Company background
- Rig Operator Challenges to preventive maintenance
- Lost revenue (Onshore vs Offshore)
- Safety Alerts
- Challenges to Quality
- Solution

Copies of this presentation can be obtained by corresponding directly with the presenter at: [michael.meditz@timken.com]

Lunch & Learn Presentation: Hydraulic Filtration / On Board Oil Analysis by Len Lecursi (Parker). The presentation covered the following areas:

- Evaluating the need for the program (Factors to consider)
- Case Studies (Paper-mill, air force, railroad equipment, off-road equipment)
- Instruments and sampling
- Data interpretation
- What the Future holds
- Conclusion

Copies of this presentation can be obtained by corresponding directly with the presenter at:[llecursi@parker.com]

Caterpillar Mike Birkinshaw (CAT) provided an update on the current Caterpillar improvements and other issues. Copies of Caterpillar's presentation can be obtained via email request directly to Jim Cue [Cue\_James\_A@cat.com]

National Oilwell Varco Report out from NOV by Shawn Firenza

Mr. Firenza reviewed the list of committee provided issues to obtain clarification in the following areas:

1. Service & support A)Norway & US; B) Filed Technicians; C)Tech Support Centers)
2. Parts
3. Equipment R&D MoC

Topics for future meetings- The following topics were suggested for consideration

- ABS Jacking Gear Requirements (Get Dave Forsyth to present)

*[NOTE: Request for presentation was submitted to Mr. Forsyth by John Pertgen on 11 April 2014.]*

- Exo-therm presentation regarding a device to identify hotspots in electrical gear/busses

Open Forum

One member recommended that we set up a joint Workgroup to improve the understanding of bull gear and pinion tooth pitting, rod bearing inner race rotation, and other problems in the 14P- Mud pumps.

#### Information Sharing

One member asked to committee for their definition of the Code 08 on the IADC report form. His company, at various locations, had numerous meanings and he was seeking an industry accepted norm. Members of the group provided their use and understanding of the meaning of that code.

Adjourned: 1500 hrs

ACTION ITEMS - None

Meeting lunch sponsors for 2014 committee meetings held at IADC are:

08 January 2014	-	Diamond Offshore
09 April	-	Parker Fluids
09 July	-	Seadrill
08 October	-	Precision Drilling