

MAINTENANCE COMMITTEE MEETING MINUTES

8 January 2014



Location: IADC - Crown Center 1 & 2 Conference Rooms

Call to Order:

The committee was welcomed by the 2014 IADC Maintenance Committee Chairman, Mr. Frank Breland (Diamond). A building security and safety briefing was given by Mr. John Pertgen (IADC).

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

The Chairman reviewed the committee Mission Statement with the group. Thereafter, 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.

This was followed by a short introduction by each attendee at the meeting.

Regulatory Review:

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

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/iadc-committees/iadc-offshore-operating-division/offshore-reporting/>)

Mr. Pertgen also reviewed some of the highlights of the recently published National Federal Summary regarding regulations that impact the offshore industry. They were:

USCG-

- Safety and Environmental Management System Requirements for Vessels on the U.S. Outer Continental Shelf. On 10 September 2013 the USCG issued an ANPRM ([78 FR 55230](https://www.federalregister.gov/d/2013-09-10)) stating their intent to promulgate regulations that will require vessels engaged in OCS activities (defined in Subchapter I, Subchapter N) to develop, implement, and maintain a vessel-specific SEMS that incorporates the management program and principles of API RP 75. Comment due date: 24 January 2014
- Oil Record Book. On 21 August 2013 the US Coast Guard issued a [Letter to Vessel Masters and Chief Engineers](#) regarding continued use of the 2007 Oil Record Book (CG-4602A). In 2009, the IMO adopted amendments to MARPOL Annex I making changes to various entry requirements in

the oil record book (ORB). A copy of the new [draft ORB](#) is provided for guidance until the Coast Guard revises it formally.

- Consolidation of Officer in Charge, Marine Inspection for Outer Continental Shelf Activities; Eighth Coast Guard District. On 7 August 2013 ([78 FR 48180](#)) the USCG issued a Notice with a request for comments regarding their consideration of establishing a single OCMI to oversee marine inspections for all MODUs and Floating facilities on the US OCS that are engaged directly in, capable of engaging in, or being constructed to engage directly in oil and gas exploration or production in offshore waters of District Eight. Comment due date: 6 September 2013
- Electrical Equipment in Hazardous Locations. On 24 June 2013 ([78 FR 37760](#)) the USCG issued an proposed rulemaking that would be applicable to foreign MODUs, floating facilities, and vessels engaged in OCS activities for the first time after the effective date of the regulations. This proposed rulemaking would also be applicable to newly constructed U.S. MODUs, floating facilities, and vessels (excluding OSVs). Comment due date: 23 September 2013
NOTE: The National Offshore Safety Advisory Committee (NOSAC) was also tasked and provided comments to the USCG on this issue.
- Nontank Vessel Response Plans and Other Vessels Response Plan Requirements. On 30 September 2013 ([78 FR 60100](#)) the USCG issued a **Final Rule**, which reiterated the requirements as listed in the proposed rulemaking. Effective date: 30 October 2013. In this rulemaking the USCG clarified that a NTVRP is not required unless a vessel (including a MODU) comes into the navigable waters of the US (12NM). They gave the following example:

“Thus, for example, a nontank vessel that did not operate on the navigable waters of the United States could operate upon the outer continental shelf (OCS) of the United States or within the EEZ and not require a NTVRP. On the other hand, a nontank vessel that operated upon U.S. navigable waters en route (to) a destination on the OCS outside U.S. navigable waters would be required to hold a NTVRP.”
- Implementation of the 1995 Amendments to the International Convention on Standards of Training, Certification, and Watchkeeping (STCW) for Seafarers, 1978. On 24 December 2013 ([78 FR 77795](#)) the USCG issued a **Final Rule**, which implements the 2010 Manila Amendments to the STCW Code & Convention. These STCW amendments came into force on 1 January 2012, but are not self-implementing. This final rule also makes other changes not required by the STCW Convention and Code, but that the USCG felt were necessary to reorganize, clarify and update the regulations. Effective date: 24 March 2014.

BSEE

- Oil and Gas and Sulphur Operations on the Outer Continental Shelf- Oil and Gas Production Safety Systems. On 22 August 2013 ([78 FR 52240](#)) the BSEE issued a proposed rule to amend and update the regulations regarding oil and natural gas production by addressing issues such as: Safety and pollution prevention equipment lifecycle analysis, production safety systems, subsurface safety devices, and safety device testing. Additionally, this proposed rulemaking would revise portions of §250.17 related to use of best available and safest technology (BAST). Comment due date: 5 December 2013

EPA

- NPDES Electronic Reporting Rule. On 30 July 2013 ([78 FR 46005](#)) the EPA issued a proposed rulemaking that proposes to require electronic reporting for current paper-based NPDES reports. They state that this modification will allow better allocation and use of limited program resources and enhance transparency and public accountability by providing regulatory agencies and the public with more timely, complete, accurate, and nationally-consistent sets of data about the NPDES program and potential sources of water pollution. Comment due date: 12 December 2013

- Protection of Stratospheric Ozone. On 24 December 2013 ([78 FR 78072](#)) the EPA issued a proposed rulemaking, seeking comments on options for adjusting the allowance system controlling US consumption and production of hydrochlorofluorocarbons (HCFC), which are required to be phased out completely by 2030. Beginning 1 January 2015 the US production and consumption of all HCFCs must be no more than ten percent of the established cap. The EPA is therefore seeking comment on how to best implement the 2015 step-down to no more than ten percent of the cap. This rulemaking also seeks comments on the potential changes to the regulations. Comment due date: 24 February 2014.
- Rules Associated with Solvent-Contaminated Shop Towels and Wipes. On 31 July 2013 ([78 FR 46447](#)) the EPA issued a **Final Rule**, which modifies the hazardous waste management regulations for solvent-contaminated wipes. This rulemaking revises the definition of solid waste to conditionally exclude solvent-contaminated wipes that are cleaned and reused and revises the definition of hazardous waste to conditionally exclude solvent-contaminated wipes that are disposed. Effective date: 31 January 2014

OSHA

- Process Safety Management. On 9 December 2013 ([78 FR 73756](#)) OSHA issued a request for information which requests comment on the potential revisions to the Process Safety Management (PSM) standard, its Explosives and Blasting Agents standard, potential updates to its Flammable Liquids standard, Spray Finishing standard, and potential changes to the PSM enforcement policies. Comment due date: 10 March 2014
- Tracking of Workplace Injuries and Illnesses. On 8 November 2013 ([78 FR 67253](#)) OSHA issued a proposed rulemaking to improve workplace safety and health through the collection of useful, accessible, establishment-specific injury and illness data to which OSHA currently does not have direct, timely and systemic access. They plan to amend the recordkeeping regulations to add requirements for the electronic submission of injury and illness information employers are already required to keep under OSHA regulations. This rulemaking amends the annual OSHA injury and illness survey of ten or more employers to add three new electronic reporting requirements. It does not add or change the employer's obligation to complete and retain injury and illness records. It also does not add or change the reporting criteria or definitions for these records. It only modifies the employer's obligation to transmit information from those records to OSHA or their designee. Comment due date: 6 February 2013

Mr. Pertgen further reviewed the topics of interest provided by API representative Holly Hopkins. They were as follows:

API Bulletin 97 *Well Construction Interface Document Guidelines*

- The document was published in December 2013.

API RP 2D *Operation and Maintenance of Offshore Cranes*

- The 1st ballot passed. 1 negative vote received. A series of a comment resolution conference calls have been held. A recirculation/re-ballot will be conducted after the comments have been resolved.

API RP 75 *Recommended Practice for Development of a Safety and Environmental Management Program for Offshore Operations and Facilities*

- Margot Girouard, Apache and Sandi Fury, Chevron, have volunteered to be co-chairs off the RP 75 revision workgroup. The revision meetings have been held February 26, June 12, and August 14, 2013. The next meeting has not yet been scheduled.

API Specification 16AR *Drill Through Equipment Repair and Remanufacturing*

- A task group has been formed to create a new document on the repair and remanufacture of BOPs, similar to the Annex B of 16A. Annex B is being removed from 16A. The goal is to ballot the draft early in 2014. (Contact Jan van Wijk jan.vanwijk@shell.com or Chris Johnson chris.johnson@nov.com)

API Spec Q2 *Specification for Quality Management System Requirements for Service Supply Organizations for the Petroleum and Natural Gas Industries* (1st Edition)

- The 1st edition of Spec Q2 was published December 15, 2011. This is a specification for Quality Management System Requirements for Service Supply Organizations, to identify the expectations for execution of upstream services including well construction, intervention, production and abandonment. Beta Test Site Assessments have been occurring in 2013. Audits will begin in 2014. (Contact Stacey Hagen stacey.w.hagen@exxonmobil.com)

New API document on *Life Cycle Management*

- A task group has been formed to create a life-cycle management system document for use in conjunction with products and/or standards used in the oil and gas industry. The document should provide the means of identifying the continued compliance of a product to its original and/or current manufacturing and design requirements and the ability to demonstrate product compliance to original and/or current product standards and industry/product-specific technical and regulatory requirements throughout the product lifecycle. The document is under development. (Contact Mike Briggs Michael.Briggs@c-a-m.com)

2nd Annual BSEE Domestic and International Standards Workshop

- Following up on the 1st Standards Workshop held in November 2012 in New Orleans, BSEE is planning the 2nd Annual Workshop to be held Tuesday and Wednesday, January 28-29, 2014 in New Orleans. Registration is now open website <http://www.bsee.gov/StandardsWorkshop-2014/>

Main Presentation: Acoustic Sound Wave Technology given by Steve Scheeren (Curtis Wright Co.). This presentation covered the following areas of interest regarding sound wave technology:

Definition of Stress Waves
Understanding the Stress Wave Technology and its Capabilities
Causes of Stress Wave Energy
Predictive Maintenance Monitoring Technologies
Anatomy of Unreliability
Complete Mechanical Process Solution
Measuring Stress Wave Energy
Stress Wave Energy Indicators

Caterpillar Jim Cue (CAT) provided an update on the current Caterpillar improvements and other issues.

National Oilwell Varco The Chairman next addressed key issues of concern from drilling contractors with the NOV representatives that were attending the meeting.

Topics for future meetings-

- Review of Drill Class notation from (DNV) Ed Rivenbark and/or (ABS) Charles Payne
- Overview of ISDS (Software Management on new-builds)

Open Forum

The meeting attendees would like to include members from other areas throughout the globe and are not opposed to running a meeting(s) at times that are more conducive to attendance by those in other parts of the globe.

One member asked if anyone is applying NFPA 70E to offshore (switchgear work).

One member asked about equipment reliability (specifically issues in reporting of failures).

Information Sharing

One member asked if others were having riser tensioner bearing failures in the Brazil area.

One member using a 25 foot lanyard for fall protection was fatally injured.

Appointment of Vice Chairman The Chairman has appointed Scott Fitzgerald (SeaDrill) as vice chairman of the 2014 Maintenance Committee.

Adjourned: 1430-hrs

ACTION ITEMS - None

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

08 January 2014	-	Diamond Offshore
09 April	-	Parker Fluids (POC: Charlie Graff)
09 July	-	Seadrill
08 October	-	Precision Drilling

Attendance:

Name		Company Name
Michael	Weston	APITEQ
Travis	Barnette	BP
Benjamin	Lopez	BP
Amber	Avalos	Cameron Drilling Systems
Michael	Wendeln	Canrig Drilling Technology
Jim	Cue	Caterpillar
Steve	Scheeren	Curtis Wright Co.
Frank	Breland	Diamond Offshore
Douglas	Cooper	Ensco plc
Mike	Faulkner	Ensco plc
Charles	Nielsen	Ensco plc
Mike	Bowie	GE Oil & Gas Drilling Systems
William	Waldroop	Gulf Coast Training Technologies
John	Pertgen	IADC

Covey	Hall	Lloyd's Register
Ashe	Menon	National Oilwell Varco
Mike	Loucaides	National Oilwell Varco
Greg	Connors	Nexans Amercable
Richard	Sporn	Noble Drilling
Mike	Anatra	Parker Drilling
Charles	Graff	Parker Kittiwake
Robert	Urbanowski	Precision Drilling Oilfield Services Corporation
Jamie	Vargas	Precision Drilling Oilfield Services Corporation
Patrick	Fitzgerald	Seadrill Americas
Kevin	Warren	Seadrill Americas
Bobby	Warren	Seadrill Americas
Tim	Roadnight	Seadrill Americas
Shawn	Ulrich	The Timken Corporation
Mike	Meditz	The Timken Corporation
Rance	Krech	Training & Development Systems (TDS)
Colin	Perry	USA Offshore
Jim	Prewitt	Waukesha-Pearce Industries, Inc