

**MAINTENANCE COMMITTEE
MEETING MINUTES
11 JULY 2012**



Location: Diamond Offshore

Call to Order / Introductions:

The committee was welcomed by the IADC Maintenance Committee Chairman, Mr. Ken Gardner. A building security and safety briefing was given by Frank Breland. The Chairman cordially thanked Diamond Offshore for hosting the meeting.

A short personal introduction was given by each attendee followed by a review of the proposed agenda by the Chairman.

IADC Antitrust Policy and Guidelines and committee Mission Statement:

The Chairman next covered the committee Mission Statement with the group. This was followed by a review of the IADC Antitrust Policy and Guidelines by Mr. Pertgen.

Review of action items:

There were no outstanding action items.

Regulatory Review:

API- An Overview of API's initiatives was provided by Holly Hopkins and included:
-Interim Final Drilling Safety rule
-API RP/Standard 53
-API RP75 Workplace Safety Rule
-Center for Offshore Safety
-Future rulemakings

Ms. Hopkins also discussed the API RP process entailed in updating of RP53.

She also fielded a question submitted from ENSCO regarding engine testing requirements per the RP54.

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

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).

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/>)

Additionally Mr. Pertgen provided a brief overview of the following issues that had been introduced or updated since our last committee meeting in April (for a complete list or further information, please see the full report at the links above):

- TSA -Transportation Worker Identification Credential (TWIC) three year extension availability
- USCG -Interim Voluntary Guidance regarding MODU Dynamic Positioning systems
 - Requested comments from industry on accommodation vessel services to develop standards
 - Carbon Dioxide fixed firefighting system final rule regarding lock-out valves and odorizing units
 - Final rule on standards for living organisms in ballast water discharged into U.S. waters
 - Presented USCG reply to IADC letter, which indicated that preload tanks are not normally considered ballast tanks for CG reporting requirements unless used as such when vessel is afloat
- OSHA -Final rule regarding operations in 29 CFR 1910 & 1915 (housekeeping, illumination, sanitation)
- EPA -Final rule regarding California State waters now classed as a NO DISCHARGE zone
 - Proposal for reissuance of NPDES General Permit for Western Portion of Gulf of Mexico OCS
 - North American Emission Control Area (ECA) implementation on 1 August 2012
- CBP -Reiterated the requirement that MODUs entering Gulf from foreign locations need to regulate garbage for disposal unless they have conducted a US APHIS inspection (Form 288)

Main Presentation:

Ballast Water Treatment and Ballast Tank Protection - presented by Jeff Barber (N.E.I.)

-Reviewed the Venturi Oxygen Stripping (VOS) system, a system proven to meet the IMO D-2 Ballast Water Discharge standards and also provides protection to the ballast tank structure and coating system.

Lunch & Learn:

UPS Technologies and Battery Maintenance was presented by Fred Diebold (Diebold Power Solutions)

Afternoon Portion:

Mr. Pertgen informed the committee of the EPA's latest list of Certified Marine Remanufacture Systems, which is available at: <http://www.epa.gov/otag/certdata.htm#marine-reman>

National Oilwell Varco (NOV) representative (Natalie Wagner) posed questions to the group on the use of environmentally friendly hydraulic fluid lubricants in NOV's equipment. Their responses were provided to NOV for their use and further research with equipment manufacturers.

Caterpillar Jim Cue reported on Caterpillar issues resolution.

Wartsila briefing given by Kelly Land

-Presented a brief overview of Wartsila Company
-Asked for feedback (and received questions regarding thrusters, replacement part availability (parts in inventory) versus over the counter part purchases).

Mr. Land indicated that customers should use their account manager for issues regarding service. He also confirmed that Wartsila issues equipment bulletins....and that they are available online (and can be tailored to a specific customer's requests or needs).

This representative also suggested that Wartsila would research having a webinar to inform our members how to go about getting their required updates and/or bulletins online for their engines.

Open Forum

One member asked if anyone was experiencing issues with the main bearings on a particular manufacturer's mud pumps. Several in the group shared their comments.

Mr. Pertgen posed questions from an overseas member company not able to attend to the committee regarding asset management techniques, in particular, for drill-pipe. The committee's responses were discussed, with some members planning to email their lengthy responses to Mr. Pertgen, who will then collate the information and forward it to the overseas member.

Mr. Pertgen reminded that group that elections for the 2013 Committee Chairman would take place at the next committee meeting in October.

Adjourned: 1425 hrs

Meeting schedule for 2012:

11 January 2012- Seadrill Americas
 11 April - Pacific Drilling
 11 July - Diamond Offshore
 10 October - Transocean

Attendance:

Name		Company Name
John	Ryan	Alexander/Ryan Marine & Safety
Holly	Hopkins	American Petroleum Institute (API)
Norman	Wong	BP America
Jim	Cue	Caterpillar
Ian	Murdoch	Diamond Offshore
Frank	Breland	Diamond Offshore
Brian	Pierce	Diamond Offshore
John	Le	Diamond Offshore
Tu	Tran	Diamond Offshore
Jeff	St. Clair	Ensco plc
William	Darby	Ensign Energy
Steven	Sanders	Ensign Energy
S.L. (Sindee)	Gillespie	G.O.A. Enterprises
Bill	Waldroop	Gulf Coast Training Technologies
Glen	Edgar	Gulf Coast Training Technologies
John	Pertgen	IADC
Coy	Cristoffel	Lubrication Engineers
Tim	Mournian	Marine Cybernetics
Natalie	Wagner	National Oilwell Varco
Jeff	Barber	NEI Treatment Systems

John	Snyder	NEI Treatment Systems
Phillip	Biggerstaff	Noble Drilling
David	Fisette	Noble Drilling
Richard	Sporn	Noble Drilling
Bill	McCarthy	Noble Drilling
Shannon	Caldwell	OES Oilfield Services
Ray	Bland	Pacific Drilling
Ian	Cannon	Pratt & Whitney Rocketdyne
Calvin	Inabinett	Pratt & Whitney Rocketdyne
Jamie	Vargas	Precision Drilling
Bobby	Warren	Seadrill Americas
Ken	Gardner	Transocean
Geoff	Evans	Transocean