

MAINTENANCE COMMITTEE  
MEETING MINUTES

9 October 2019

*Location:*

*IADC – Crown 1 Conference Room  
3657 Briarpark dr.  
Houston, TX. 77042*

Call to Order:

- The committee was called to order by Mr. Michael Anatra (Chairman), and the building security and safety briefing was given.
- Mr. Anatra also covered the IADC Antitrust Policy and Guidelines and stated that the full policy is available on IADC's webpage.

IADC Members Only discussion, Closed Session, (Information Sharing):

- Various members requested an action item to reach out to Konsberg and invite them to the next meeting to discuss issues with thrusters.
- NOV cyclone dust collector piping issues, internal piping configurations allow for inadvertent "sandblasting" in a concentrated area of the vessel, which could lead to premature wear. Recommend internal inspections to verify the piping configuration.
- Mattco style pulsation dampeners, recommend inspecting the lower plate cap screw when possible, as there have been some recent failures with these cap screws. These screws are only accessible when the unit is removed from service.
- Member wanted to discuss pipe handler dies falling out and was curious if other member where having the same issue.
- Top drive service loops, power cables twisting internally.

Open Meeting to All Participants

- Meeting was called to order with all participants, the building security and safety briefing was given again as was the IADC Antitrust Policy and Guidelines

Regulatory Review / Update:

- The regulatory update was presented by Mr. Thad Dunham (IADC).
- A list of the regulatory areas that were reviewed at this meeting is included at the end of these minutes.

Sensor Field Verification Procedure Development, Presentation/Collaboration Assaad Mohanna, ART DCS Vice Chair & Dung (Zoom) Nguyen, OGDQ,( Operators Group for Data Quality)

- An open forum was initiated after discussing the possible inclusion of field verification procedures for operational critical sensors into the SC8, as part of an OGDQ initiative.
- ART DCS extends an invitation to all active IADC Maintenance Committee members to attend the next meeting, as any additional information we can provide, as group would be beneficial to both

committees. The next meeting will be held on Thursday October 31<sup>st</sup>, at 9:00AM CST at the IADC office, 3657 Briarpark dr. Houston, TX. 77042

- Please contact Assad Mohanna to be included in the next meeting and added to the agenda, [Assaad.Mohanna@nov.com], or Dung(Zoom) Nguyen, [Dung.H.Nguyen@conocophillips.com]

Lunch Open Discussion, Joe Angeron Oilfield States, API 2C, Offshore Crane Regulations

- Open forum and presentation to help understand recent changes to API 2C.

Class Society Topics

- ABS: Robert Conachey and Sameer Kalghatgi, Class Acceptance of Maintenance
- DNV/GL: David Mckay Barrier Based Reporting

**AFTERNOON SESSION- OPEN TO ONLY DRILLING CONTRACTORS**

- National Oilwell Varco Mr. Jonathan Stone, Reliability Project Engineer, NOV, Open format discussion to capture ongoing issues related to NOV equipment and service.

Note: Do to proprietary information NOV presentation notes and comments are redacted from the meeting minutes

Please contact the NOV representative Mr. Jonathan Stone via email address if you have any questions or want to get clarification on any issues discussed. [Jonathan.Stone@nov.com]

- Caterpillar Mr. Robert Froebel, Open format discussion to capture ongoing issues related to Caterpillar equipment and service.

Note: Do to proprietary information Caterpillar presentation notes and comments are redacted from the meeting minutes

Please contact the CAT representative Mr. Robert Froebel via email address if you have any questions or want to get clarification on any issues discussed. [Froebel\_Robert@cat.com]

Adjourned: 14:00 hrs

*Regulatory Notices- Attach Holly's notes here.*

Attendance:

First Name	Last Name	Company Name
Robert	Conachey	ABS
Robert	Froebel	CATERPILLAR
Dung H	Nguyen	CONOCOPHILLIPS

Nathan	Ives	<b>DATA GLANCE</b>
Christopher	Junge	<b>DIAMOND OFFSHORE</b>
Ryan K	Berger	<b>ENSCO ROWAN PLC</b>
Jeff Davis	Craft	<b>HELMERICH &amp; PAYNE</b>
Thad	Dunham	<b>IADC</b>
Bill A	Waldroop	<b>INTERACTIVE TRAINING SOLUTIONS</b>
Jakub	Bednarz	<b>KLUBER LUBRICATION</b>
Raul	Lema	<b>LEMA VENTURES</b>
Mark	Gravouia	<b>MCCOY GLOBAL</b>
Assaad	Mohanna	<b>NATIONAL OILWELL VARCO</b>
Jonathan	Stone	<b>NATIONAL OILWELL VARCO</b>
Robert	Van Kuilenburg	<b>NOBLE DRILLING</b>
Joseph	Angeron	<b>OIL STATES INDUSTRIES</b>
Mike	Anatra	<b>PARKER DRILLING</b>
Michael	John	<b>TRANSOCEAN</b>
Surrey	Lane	<b>TRANSOCEAN</b>
Jeff	Marshall	<b>TRANSOCEAN</b>
Andy	Poosuthasee	<b>VANTAGE DRILLING INTERNATIONAL</b>