

MAINTENANCE COMMITTEE MEETING MINUTES

28 April 2021

Location: Teleconference

Call to Order:

- Mr. Michael Anatra (Chairman) called the committee to order.

IADC Antitrust Policy and Guidelines:

- Rhett Winter, standing in for Thad Dunham, covered the IADC Antitrust Policy and Guidelines and stated that the full policy is available on IADC's webpage.

Regulatory Review / Update:

- The Chairman presented the regulatory update.
- A list of the regulatory areas that were reviewed at this meeting is included at the end of these minutes.

Agenda Scheduling Adjustment-

- Due to time constraints, the contractor open discussion was postponed to allow Kongsberg to present first.

Kongsberg UUC455 Thruster Updates

- Kongsberg UUC455 thruster updates, Joni Keski-Rahkonen presented Kongsberg internal reporting and ongoing research regarding the UUC thruster pinon and bearing failures. Jeff Marshall Transocean, requests Kongsberg provide additional CBM data were applicable for additional analysis and review.
- Full Kongsberg presentation available to drilling contractors only upon request.

Open Discussion, Open to Drilling Contractors only

- Jeff Marshal, Transocean, Requested some internal discussions and research on 165Tn subsea construction crane wireline maintenance and replacement. Request the manufacturers as well as wireline vendor attend the next monthly subcommittee meeting to being open discussion on winch cable maintenance and replacement.

Class Society Topics

- **DNV:** David McKay, Machinery Maintenance Connect,

Contractor Only OEM Discussion.

National Oilwell Varco Ian McWilliams, NOV,

Open format discussion to capture ongoing issues related to NOV equipment.

- Discussed current NOV HSE reporting for Q4 2020 and Q1 2021.
- Update on the NOV TESS, Technical Equipment Support service
Ian provided some details regarding their 24/7/365 support center, the tier 1 customer support center can be contacted one of two ways, first by email, (ra-am@NOV.com), or by telephone, US domestic (1-713-395-5000), or international (+47 8500 7500).
- Full NOV presentation available to drilling contractors only upon request.

Brad Devorak, Caterpillar Oil and gas

Open discussion to capture ongoing issues related to caterpillar equipment.

- Discussed Hexavalent Chromium updates related to the CAT product information bulletin published November 2020.
- Full cat presentation available to drilling contractors only upon request.
- Additional discussion, (not on the quarter presentation), regarding Cat DGB kits, and the Cat Smart Engine management systems, requested additional details.

Meeting adjourned

12:45