

Macaé, April 15th 2015

**MINUTES OF IADC-BRAZIL HSE COMMITTEE MEETING
HELD ON APRIL 15th 2015 4:00 p.m. TO 5:30 p.m. AT TRANSOCEAN'S OFFICE IN MACAE**

Present at this meeting were the following:

- Marcio Martins - Transocean
- Jose Villanueva – Hydrasun
- Graham Gall - Falck
- Barrie Lloyd-Jones – SSE do BRASIL
- Mario Ielago – QGOG
- Tony - IADC
- Cristiano Zank – Petrobras
- Thaisa Aleixo – IADC-BRAZIL

The agenda for this meeting was emailed to the group prior to the meeting. The focus of the meeting was as follows:

- Review of previous meeting minutes
- Review and select an HSE topic for the next IADC General Meeting on May 28th; below a list of suggested topics from one of our previous meeting:
 1. New and 3rd party personnel what colored hats across Macae / Brazil operations
 2. Dropped object prevention and best practices on drilling and production operations
 3. Behavior observation cards
 4. High potential incidents. What are we missing to reduce HIPOs on the fleet (falling objects and fires); Lost time accidents. Poor supervision or leadership over tolerance? Critical equipment definition and adequate levels of reliability (RCM x SIL level); Define the risk level to perform a specific job order or maintenance. (A way of showing to the rig operations and maintenance crew the level of risk they will face to perform their daily chores on the rig.)
 5. Compliance x effective compliance
 6. Ouro Negro – Black Gold
- Review HSE material generated from safety workshop and/or defining areas requiring work group discussions / workshops

The following items were agreed upon

- The previous meetings minutes was distributed and approved by the group.
- Dropped object presentation to be include in the GM on May 28th.
- It was agreed by the committee to choose one critical topic to prioritize in 2015.

The topic for development is Dropped Object. Aiming to move forward, the



responsibilities will be divided and focuses will be in the actions. The goal is to come up with a drops prevention guideline.

- HSE committee to give one presentation for each GM. Consider OES and add items about dropped objects operations, preventions, challenges, solutions, best practices between companies.

- Cristiano Zank to provide dropped object statistics from Petrobras and Marcio to provide Transocean`s statistics. Also, try to compare with statistics worldwide.

- Graham as a volunteer to be part of the HSE corporate committee to facilitate.

The objective is to receive the agenda, MM, have access to their information about dropped objects and be up to date to share information with the group.

- Barrie to provide an IADC email for the HSE committee as required by Marcio.

- Marcio is responsible to deliver a topic for July`s GM from the HSE committee.

- It was agreed to encourage at least one member of the Compliance committee to participate to HSE meetings. Barrie will put Marcio and Jason in touch. With regard to the goal of "Well Control Equipment", Lane Romine will propose a template to be used for gathering information to assist on analysis of BOP failures.

The following items were discussed yet they remain open

- Presentations about dropped objects will be done either on the GM or in 2 separate meetings for this purpose.

- As Compliance committee is now part of the HSE committee theirs subjects also applies to HSE committee`s list. Therefore more discussion should be done in regards of 'SISPAT' that has being affecting the companies and people.

Next Meeting

The next meeting for the HSE committee was agreed to be held on May 20th at 4:00pm. The meeting will be at Transocean`s office.