



Macaé, April 25<sup>th</sup> 2017

**MINUTES OF IADC-BRAZIL HSE COMMITTEE MEETING HELD ON APRIL 25<sup>th</sup> 2017 FROM 2:00 p.m. TO 4:00 p.m. AT QGOG'S OFFICE IN MACAE**

**Present at this meeting were the following:**

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|--|-------------------------------|
| - Leandro Duarte – QGOG                | - Tatiana Fonseca – Bassdrill |
| - Jalile Bartole Pereira – IADC-Brazil | - Alessandro Sias – Schahin   |
| - Rômulo Adrien Neves – QGOG           | - José Clodoaldo – Oil States |
| - Barrie Lloyd Jones – SSE             | - Allan Kuczera – Petrobras   |
| - Marcos Sacramento – SSE              | - Marcelo Esteves - Ventura   |
| - Eduardo Freitas – Ensco              | - Felipe Lopes - Seadrill     |

**The agenda for this meeting was to review the HSE committee goals to achieve results and meet the HSE purposes. The topics of discussion were as follows:**

- ANP Audit
- H2S Work Group
- IAP
- NR 12
- COOK OFF Notice

**The following items were agreed upon**

- Leandro suggested that companies audited by the ANP give feedback on the most relevant points and bring these issues to be discussed at next meetings.
- Leandro provided feedback on ANP's audit on QGOG's rig: Petrobras Notice 02 2017 details the 9 recommendations that are verified during the ANP audit, and is being heavily charged. The only serious non-compliance was with respect to H2S. H2S standard was revised and they were not informed. Leandro stressed the importance of Petrobras informing when a standard is revised.
- Leandro suggested starting a work group to create a guide for H2S and CO2 operations. Leandro, Tatiana, Felipe Lopes and José Clodoaldo volunteered to be part of this group. Allan will check if Marcus Vinicius from Petrobras can be a member. Group leader needs to be defined.
- Jalile will check with IADC Corporate if it would be possible to make this guide an official IADC document. Barrie suggested sending a first version to Corporate, and in case they have something similar they can send us or suggest official standardization, in the IADC format.
- Barrie suggested that former chairman Hugh Oliver could assist IADC working groups virtually because he spends a lot of time in Rio. He could provide information, for example, to the H2S work group.



- It was decided to return the IAP group to finalize the IAP definition guide.
- Allan gave a position on NR 12. There was a meeting of Petrobras, where a schedule was defined. Initially will be charged workshops, laundry and kitchen. The withdrawal of some items is being discussed. Petrobras is open to discussion on these items. Approximately at the end of the year the charge will be intensified. For now it is not possible to define a minimum list of equipment, because there are new rigs that have different and relevant equipments to the standard. Each company should make an inventory of the equipment that fit the standard. Leandro suggested following the schedule and if there are more questions to discuss in the next meetings.
- Disclosure of COOK OFF - Family Day, which will take place on June 10th. COOK OFF Notice will be sent attached.

### **Actions**

- Allan will send Jalile a final report of the ANP's audit in QGOG to pass on to Leandro, and it will be sent to all later.
- Allan will send the revised standard about H2S - N2351 (Revision C) - for disclosure.
- Reactivate IAP work group and start H2S group.

### **Next Meetings**

The next meeting for the HSE committee was agreed to be held on June 27<sup>th</sup> at 3:00pm.