

Macaé, August 23rd 2016

**MINUTES OF THE IADC-BRAZIL CRITICAL EQUIPMENT SUBCOMMITTEE MEETING
HELD ON AUGUST 23rd, 2016 FROM 2:00 p.m. TO 3:40 p.m. AT TRANSOCEAN'S OFFICE IN
MACAÉ.**

Present at this meeting were the following

- Marcos Sampaio – OOG
- Thaísa Aleixo – IADC-BRAZIL
- John Guy – IADC-Brazil
- Henrique Nogueira - Brasdril
- Cid Costa - OOG
- Colin Shanks – Ventura
- Augusto Kobori – Ventura
- Paulo Sérgio G. Pinto – Petrobras
- Matheus Tavares - Petrobras
- Diego Nascimento – GGOG
- Leandro Brandão - OOG

The agenda for this meeting was to discuss a minimum list of critical equipment for all the DC. The topics of discussion were as follows:

- Critical Equipment List [Cont.]

The following items were agreed upon

- The companies agreed to classify BOP as a system instead of each equipment to start with. In the future as a secondary objective, the committee could do an evaluation of each part.
- **[Action]** Marcos is to write down a simple objective for this work so that will be easier to focuses.
- **[Action]** The companies will revise the criticality for the following equip:
 - Atmospheric separator
 - Trip Tank
 - Choke Manifold
 - IBOP
- **[Action]** The companies are to analyze if they should classify the System DP as a system of each equipment of this system separated.
- The idea is to discuss and understand the how the companies are classifying the criticality of their equipment/systems. Therefore, what will be learnt from this discussion is more important than the final list itself.
- If it is the case at the end instead of having, a minimum list of critical equipment IADC will have a guideline.
- **[Action]** Is necessary to know how each company define the criticality for their equipment/system. Therefore, for the next meeting each company should bring a short presentation explaining their point of view.

Next Meeting

The next meeting for the Critical Equipment subcommittee will be upon confirmation in September.