

Title: **New Petrobras Concepts for WSOG (Well Specific Operating Guidelines)**

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Abstract

Petrobras, the largest DP drilling units player, introduced in the early 1990's, the concepts of DP alert status in the Company, which contained "Normal", "Degraded", "Yellow" and "Red Status". The tool "Degraded Status Criteria" has been developed to evaluate the minimum allowable redundancy to safely operate DP drilling vessels. On the other hand, IMCA (International Marine Contractors Association) introduced the DP alert status system concepts, which differs from Petrobras DP alert status, by using "Normal", "Advisory", "Yellow" and "Red Status". As a consequence of this difference, Petrobras has been facing misunderstandings and many technical discussions on board the units and even during the planning phases of the wells to be drilled or to suffer workovers, caused by different points of view in dealing with the WSOG's prepared by several drilling contractors that follow IMCA concepts.

In order to minimize this issue and aiming to perform safest well operations, Petrobras internally agreed to get closer to what is applied by IMCA procedures by adding the "Advisory Status", thus avoiding a "culture clash" with Contractors. However, the main difference between them remains the same: IMCA defines "Degraded Status" as the same as "Yellow Status". For Petrobras, these two operational statuses should not be categorized as one single status as they require different actions on drilling units.

This paper aims to share the new Petrobras format for WSOG and show the company's DP alert status concepts.

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