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**DYNAMIC POSITIONING CONFERENCE
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The 7th Element

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Introduction

All over the world, accidents involving the human element calls attention. The creation of codes and statutory conventions, helps the flag states apply rules for training, working hours, fatigue management and human x machine interface; also benefits companies to develop their own procedures and competence assessments, reducing the number of accidents.

The goal of this paper is to provide guidance to the 7th element and recommend a DP Project Office at Shipowners organizations.

The 7th element, Known as the Human Machine Interface (the Mariner DPO) and how they can get out of “Mariner silo” mindset **through training, assessment and coaching**. This study promises to develop the Mariner’s risk perception, using the PDDP2 toll idea; Guiding the mariners on taking a top-down approach to get an understanding about industrial mission, people, risk, communication, resources and time management, strategically using integrations tolls.

The recommendation of a DP project office (DPPO) to be implemented at the ship owners organizations, to give them a support with new training standards implemented from local marine authority, DP projects and Oil majors requirements.

The DP Projects Office would be an organizational structure that standardizes governance processes related to DP projects and facilitates the participation of resources, technologies, tools and techniques, composed by a DP SME and a Project manager, in order to give support and facilitate communication between DP stakeholders and improve the risk analysis related to design and operations.

Abstract bibliography:

MTS - Guidance for professional development of DP personnel (PDDP2)

IMCA 117 – The training and experience of key DP personnel