

The Road to Eliminating Operator Related Dynamic Positioning Incidents

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Abstract

The history of Dynamic Positioning shows that in most incidents the DP operator is involved. Reducing the amount of operator related DP incidents could therefore significantly increase the safety and reliability of DP operations. An operator's workload during DP operations seems to be the most important cause of operator errors. By splitting DP operations into three different operational modes this workload problem could be resolved such that the operator's performance will improve. To allow for this split in operational modes a self-diagnostics system and an operator support function should be added to a DP system. This paper will describe the problem of operator related incidents, the split into three operational modes and the function of a self-diagnostics system and operator support function.

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