

Session – Risk, FMEA and Reliability

Title: An FMEA is for Life

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Abstract

There is a misunderstanding by many in the offshore marine industry that getting an FMEA done for a DP vessel is a potentially expensive chore that has to be gone through and (for example) that if you purchase a vessel which already has one then you meet all the demands of the Classification Societies and Regulatory Authorities and can therefore ignore it. In fact, this assumes that the only benefit of an FMEA is to meet the rules. This is like saying that your ship met Class when it left the shipyard and you don't have to worry about the documentation or surveys anymore. The fact that Class do not require FMEAs to be revisited every 5 years does not mean that this is neither desirable nor beneficial.

This paper includes examples of different types of DP vessel to show why continuous improvement and review of this documentation should be undertaken and why responsible ship managers need to budget for this. It also proposes ways to ensure that this is made easier through the incorporation of management processes and routines.

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