

Title: Lessons Learned ... or Not

Authors: Kevin Duffin, *Maritime Assurance and Consulting*

Abstract

A significant part of the continuing process of DP system verification and checking on board vessels is the requirement to conduct testing on the DP system in a structured way over a regular, defined time period. Although DP systems can be similar between a number of vessels (such as a DP vessel series) very few of these vessels will have identical DP system installations.

As such, the DP system verification and checking process utilizes a formal testing protocol produced specifically for each DP vessel, designed to test the specific DP installation for that vessel in a way appropriate to the philosophy behind the particular type of trials being conducted.

This presentation is aimed at identifying a number of failure effects from MAC's experience of failures identified during recent FMEA Proving trials, 5-Yearly Periodical trials and Annual DP trials which appear to be repetitious in nature, and sometimes surprising, and which may appear to reflect the varying focus the DP industry takes over time on these issues.