

Title: Annual Dynamic Positioning Trials for Dynamically Positioned Vessels

Author: Ian Giddings,
International Marine Contractors Association (IMCA)

Abstract

Vessel owners and operators wishing to demonstrate that their vessels not only meet the various rules, regulations and requirements but also are suitable for a range of activities often do so using a vessel assurance system where they can make a range of documents, including certificates, manuals and inspection reports, available to charterers and others.

The vessel assurance can be divided into four main areas, namely statutory, safety, management and work related. Within these documents for a dynamically positioned (DP) vessel could be the latest annual DP trials report, a small but significant part of DP assurance and vessel assurance, and this paper intends to look at that topic together with some others that may impact on it.

As we know from build through commissioning and throughout its working life a DP vessel goes through a number of trials, audits and inspections including customer acceptance trials, sea trials, failure mode and effects analysis (FMEA) proving trials and annual DP trials amongst others. These trials and audits are designed to prove or confirm operation in various systems states which will be further explored later in this paper.

Click below to:

[Review the complete paper](#)

[Review the presentation](#)

[Return to the Session Directory](#)