

Energizing People > Powering the Future



Operator Familiarization

## M105 Dynamic Positioning (DP) Operator Familiarization and Maintenance Overview

### Course Description:

This course provides familiarization training for operators using GE Dynamic Positioning (DP) systems. This includes how to carry out the various tasks required of a dynamic positioning operator (DPO) using the GE system, with the external simulator used for visualization. Courses focus on the “how” rather than the “when” or “why” of DP operation.

The course also covers aspects related to maintenance and system diagnostics; it enables understanding of the control system, the procedures necessary for fault finding, and how to capture vessel data in order to maximize the effectiveness of support from GE.



### Learning Outcomes:

To gain an insight into the operation and control functions of the Dynamic Positioning control system for a specified vessel; to aid the operator in the operation of the system and the engineer in fault diagnosis and general maintenance of the system.

The primary aim of all courses is to improve the safety and reliability of DP operations through the increased knowledge and competence of key DP personnel.



### Prerequisites:

General electrical background, basic computer skills. Staff attending should be familiar with vessel operational procedures.



### Participants:

Maintainers and operators of GE Power Conversion/Convertteam’s AMC-based Dynamic Positioning (DP or DP-TAMS) control systems; typically engineering and electrical staff, electro-technical officers (ETOs), DPOs; technical superintendents and project engineers.

The course is especially relevant to operators who need to know more about the hardware and system architecture, and to technical staff who need to have a greater understanding of DP operation.



**Duration:**  
3 days

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