



## Automation System

### M440

# Power Management System (PMS)

#### Course Description:

This course covers the Power Management System (PMS) that is normally used on offshore vessels. The purpose of this course is to give to operators and maintainers some fundamental knowledge about the most important PMS functionalities (Load Sharing, Load Shedding, Power and Voltage Controls, etc), with an emphasis on PMS functions philosophy, applications and particularities related with Marine & Offshore Systems.



#### Learning Outcomes:

- Knowledge about Power Management System (PMS) philosophy and functionality;
- understanding about how PMS applications works;
- increasing the operational and maintenance capacity.

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 of GE Power Conversions/Convertteam's Integrated Automation System (IAS)/Automatic Vessel Control (AVC) systems; Vessel operating staff of such IAS/AVC systems; typically engineering and electrical staff, electro-technical officers (ETOs).



#### Duration:

3 days

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