GE VERNOVA

DYNAMIC POSITIONING

DYNAMIC POSITIONING AND AUTOMATION SYSTEM MAINTENANCE – M100

Course Description

This course covers the Dynamic Positioning (DP) and Vessel Automation (IAS/VCS) systems in place on offshore vessels, focussing on hardware, diagnostics and fault-finding procedures for engineering, technical and maintenance staff.

Learning Outcomes

To understand the hardware, software and operation of the Dynamic Positioning control and Automation systems for a specified vessel, to aid staff 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

Basic understanding of electrical systems and communications standards, power management theory, switchboard logic. Familiarity with vessel operating procedures and electrical safety considerations.

Participants

All personnel who maintain and troubleshoot GE Vernova Dynamic Positioning (DP or DP-TAMS) and Vessel Automation systems equipment; typically Technicians, Electro-Technical Officers (ETOs), Vessel Assistant and Chief Engineers, Port Engineers, Technical Superintendents, Maintenance Supervisors and Engine Cadets.

Duration: 4 days

Application

GE Vernova Dynamic Positioning (DP, DP-TAMS, HCS) systems: release 4 software upwards, including SeaStream™, C-series and Enhanced A-series DP.

Vessel Automation systems: release 8 (G-Series) systems upwards, to include power management (PMS), vessel management (VMS), ballast and cargo control systems etc. as relevant.

Location: USA – Houston, Korea – Busan, UK – Rugby, Brazil – Macaé