

Energizing People > Powering the Future



M406

Automation System Operation and Maintenance

Course Description:

Introduction to benefits and functions of the Power (PMS) and Vessel Management Systems (VMS).



Learning Outcomes:

Software screen representations, system hardware and network structure, and an understanding of the system operation onboard the vessel. Attendees will also participate in hands on simulation exercises encompassing power system faults and failures, shipboard controls, alarms and equipment monitoring.



Prerequisites:

Basic understanding of electrical systems, networking standards (ex. TCP/IP), NMEA sensor standards 0183 (Serial) and 2000 (Ethernet), Power Management Theory, switchboard logic



Participants:

Technicians, Vessel Assistant and Chief Engineers, Port Engineers, Maintenance Supervisors and Engine Cadets



Duration:

4 days

GE Energy Connections – Power Conversion

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