Dynamic Positioning (DP)

M405
Dynamic Positioning System Maintenance

Course Description:
The DP System Maintenance course is designed for all personnel who troubleshoot and maintain GE DP equipment.

Learning Outcomes:
Theory of system operation, hardware architecture, sensors, networking, serial communication, alarms and troubleshooting, wiring diagrams, as well as hands on troubleshooting exercises, utilizing consoles and thruster field station simulation.

Prerequisites:
Basic understanding of electrical or low voltage electronics, Networking standards (ex. TCP/IP), NMEA sensor standards 0183 (Serial) and 2000 (Ethernet), and basic control theory

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

Duration:
4 days