



DP Maintenance Course

Duration: Five days

Conducted at: Mumbai

Course Objectives:

- Provide the participants the basics of DP system, various DP systems in use, elements of DP system, IMO requirements, classification of DP vessels, various applications of DP vessels.
- To prepare students to identify faults on units and to replace these with spares held in stock/ on board.
- Introduce the participants to system documentation and details so as to prepare them to perform periodic maintenance, and communicate with manufacturer's representative / service personnel when assistance is needed.

Course Contents:

- Introduction to DP technology and principles
- System arrangement, DP Class requirement
- General information about: Sensors -Position Reference Systems - Thrusters Power Management System, Practical Operation, Interface, Cable Layout and Checks.
- Emphasis will be on problem solving approaches with discussion of various common defects / problems.

Teaching methodology: The teaching will be presented in a combination of theoretical lessons and practical exercises. The participants will have access to DP systems installed to get hands-on experience.

Trainer Equipment: Programmable logic controller, redundant DP equipment and other accessories found on board.

Eligibility Criteria: Electrical Officers, Electrical/ Electronic Engineers (ETO) and Engineers responsible for the daily maintenance of the DP system and other systems/ equipment on board DP Vessels.

Batch intake: 4 – 8 delegates per batch.