



DP Induction Course

Target group

Masters, navigating officers and, where relevant, others on watch on the navigating bridge, or other location, who are given 'hands-on' control at the DP control console in accordance with the limitations of their competence category.

Prerequisites

The minimum STCW qualification that a person wishing to enter The Nautical Institute DP Training Scheme must hold is

- Regulation II/1 - II/2 - II/3 Deck or
- Regulation III/1 – III /2 – III/3 Engine or
- Regulation III/6 ETO.

More information about the DP Operator's requirements can be found from the "Dynamic Positioning Operator's Training and Certification Scheme", Jan. 2016 ver. 1.2. [NI Certification](#)

Objectives

A trainee successfully completing this course will have acquired a knowledge of the principles of Dynamic Positioning, be able to set up a dynamic positioning system and have an understanding of the practical operation of associated equipment, including position reference systems, including position reference systems. He/she should be able to recognize and respond to the various alarms, warning and information messages. He/she should also be able to relate the DP installation to the ship system, e.g. power supply, maneuvering facility, available position reference systems and nature of work. He/she should also be able to relate DP operations to the existing environmental conditions of wind, sea state, current and vessel movement.

Language

The training is conducted in English.

Duration of the DP Induction Course

The duration of the DP Induction course is 4 days (NI minimum of 28 hours tuition).

Location of the DP Induction Course

The DP Induction course will be delivered in Aboa Mare training centre Turku.

Specialized training equipment

A DP Simulator, which includes a DP 2 system, will be utilized during the training program to reach the training objectives. A DP desktop simulator is available for each trainee during the course.

Contents of the DP Induction Course

The complete course comprises 12 modules:

- Module 1: Introduction
- Module 2: Principle of Dynamic Positioning
- Module 3: Navis DP Introduction
- Module 4: Rules, Regulations and Guidelines
- Module 5: Elements of a Dynamic Positioning system
- Module 6: Man Machine Interface MMI
- Module 7: Sensors
- Module 8: Position Information, Datum's and Coordinate Systems
- Module 9: Position Reference Systems
- Module 10: Power Systems, Propulsion and Thrusters
- Module 11: Operational Modes, Watch keeping and Checklists
- Module 12: Alarm and Message Systems

Course intake limitation

In order to provide maximum efficiency during the course and to assure the effective participation of all trainees during the sessions, the suggested maximum student intake per course is 8 persons.

Certificate issuance and verification

All participants satisfactorily completing the DP Induction course will receive the appropriate certificate, issued by Aboa Mare.

Course compliance

Owners should ensure that the key personnel involved in DP operations and DP system maintenance and repair are competent and that they are given the necessary training and have appropriate certification. This covers Masters who are in command of their vessels, navigating officers and others who operate the DP control system, engineering officers and, where applicable, electricians and electronics officers who maintain and repair other parts of the DP system. Owners should take account of appropriate training standards contained in IMO MSC Circ.738, "Guidelines for Dynamic Positioning Systems (DP) Operator Training" and its source document, IMCA M 117, "Training and Experience of Key DP Personnel". Owners can also find assistance in the contents of document IMCA C 002 Rev. 1, "Competence Assurance and Assessment: Guidance Document and Competence Tables: Marine Division".