



DP SIMULATOR 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

Those wishing to enter this course should have completed a DP basic course and a minimum of 30 days' seagoing DP familiarization. Majority of the tasks set out in Section C of the Nautical Institute's Dynamic Positioning Operator's logbook should be completed.

Objectives

A trainee successfully completing this course will should have acquired a thorough knowledge of the practical aspects of DP operations. He/she should be capable of planning and conducting any DP operation, including risk assessment, contingency planning and assessment of vessel capability. He/she should be able to undertake the operation with due regard to all circumstances of seamanship and operational requirements. He/she should also be able to react correctly to any circumstances which could lead to catastrophic failure or which constitute catastrophic failure itself.

Duration of the DP simulator course

The duration of the DP simulator course is 4 days.

Location of the DP simulator course

The DP simulator course will be delivered in Aboa Mare training centre in 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 simulator course

The complete course comprises seven modules:

- Module 1: Introduction to Navis DP and repetition of DP operations
- Module 2: Worksite approaching planning theory
- Module 3: DP operations on Worksite, theory
- Module 4: DP Simulator exercise
- Module 5: Desktop Simulator exercise
- Module 6: DP Warnings and Alarms
- Module 7: Emergency procedures

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 4 persons.

Certificate issuance and verification

All participants satisfactorily completing the DP simulator 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”.