

DP INDUCTION TRAINING COURSE



TARGET GROUP

This training course is designed and developed for seafaring personnel intending to become DP operators. This Course is first part of the Induction training course and allowing participant receive theoretical knowledge and receive the DP Log Book with tasks to join the DP vessel and start familiarization part of the training 60 day on board. After successfully pass of the ONLINE part of the induction course and collected DP experience, participant arriving to Training center for practical part of the Induction course + Online Test, after this He/She may continue with DP Simulator/Advance course.

This course approved by Nautical Institute Ltd. UK



OBJECTIVES OF THE COURSE

Those who successfully complete this course should 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. Trainees should be able to recognize and respond to the various alarms, warning and information messages. Trainees 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. Trainees should also be able to relate DP operations to the existing environmental conditions of wind, sea state, current and vessel movement.



COURSE CONTENTS

The course covers the following topics:

- Principles of DP;
- Elements of a Dynamic Positioning system;
- Practical operation of a DP system ;
- Position reference systems;
- Environment sensors and ancillary equipment;
- Power generation and supply and propulsion;
- Operations using DP.

INCOME REQUIREMENTS



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

Alternative appropriate marine vocational qualifications (MVQs) will be considered on a case by case basis. In this case, they contact The Nautical Institute for official approval to attend the course.

- Certificate of Competency;
- Passport;
- Photo.

DURATION OF THE TRAINING COURSE



The duration of the DP Induction training course is 3 working days.

TRAINING APPROACH AND EQUIPMENT



During training course theoretical lessons are given using PowerPoint presentations.

APPROVAL



The course is approved by Nautical Institute Ltd. UK.

COURSE LIMITATIONS



The maximum number of participants is 6 persons.



THE COURSE PROGRAM

DAY 1

1. **Course introduction and objectives;**
2. **Principles of DP;**
3. **Elements of a Dynamic Positioning system:**
 - DP system composition,
 - Requirements for DP equipment,
4. **Practical operation of a DP system:**
 - DP bridge console.
5. **Practical operations of a DP system:**
 - DP Modes.
6. **Position reference systems:**
 - General information,
 - Hydro-acoustic position reference (HPR) system,
 - Artemis position-reference system.

DAY 2

1. **Position reference systems:**
 - Taut-wire position-reference system,
 - Differential GPS system,
 - Laser position reference system.
2. **Environment sensors and ancillary equipment:**
 - Vertical Reference,
 - Heading Reference,
 - Wind sensors,
 - Messages, alarms and warnings.

DAY 3

1. **Power generation and supply and propulsion:**
 - Power Management System,
 - Uninterruptible Power Supply,
 - Propulsion system.
2. **Operations using DP:**
 - Checklists and records,
 - Geodetic systems,
 - DP statutory requirements and guidance,
 - DP operations.

Note: during training course theoretical lessons are given using PowerPoint presentations, practical tasks are conducted on Transas NTPRO 5000 full mission simulator with integrated NAVIS 4000 DP II stations.

This online Course is for COVID-19 restriction time.