

## **COURSE DETAILS**

### **DYNAMIC POSITIONING INDUCTION COURSE**

**COURSE CODE:** DP Ind

**CERTIFICATION (APPROVALS):** Nautical Institute

#### **COURSE OVERVIEW AND PURPOSE**

This course is intended to provide introductory training in theoretical and practical part of Dynamic positioning system in accordance with the requirements of Phase A of the DP Offshore Training Scheme set up by Nautical Institute.

The Nautical Institute has established the DP Offshore Training scheme fulfilling the standards in view of the IMO resolution to include DP training within Part B of the STCW Code & Convention and follows the rules developed by all key stakeholders by working through the Dynamic Positioning Training Executive Group (DPTEG) and its Regional Training Provider (RTP) groups.

#### **COURSE AIMS**

At the end of the course the student should:

- Have acquired knowledge of the principles of DP.
- Have acquired a basic understanding of how to set up a DP system.
- Have an understanding of the practical operation of associated equipment, including position reference systems.
- Be able to recognise the various alarm, warning and information messages.
- Be able to relate the DP installation to the ship system, including (but not limited to) power supply, manoeuvring facility, available position reference systems and nature of work.
- Be able to relate DP operations to the existing environmental conditions of wind, sea state, current/tidal stream and vessel movement.

#### **COURSE OBJECTIVES**

The following is a list of the objectives which should be attained by trainee DPOs by the completion of the Induction course.

- DP Control station



- Power generation and management
- Propulsion units
- Position reference systems (PRS)
- Heading and motion reference systems
- Environmental reference systems
- External force reference systems
- DP operations
- Practical operation of a DP system

### **COURSE COMPETENCY**

Starting with tuition for DPO, the participant accepts all requirements faced for obtaining a DP certificate. In the first stage - Phase A of the Offshore Training Scheme the participant has to pass a formative assessment and an online exam.

On successful completion of the Induction course and online assessment, the trainee Dynamic Positioning Operator will be issued with a Nautical Institute Dynamic Positioning Operator's logbook in which his/her courses, DP sea time, task completion and Statement of Suitability as a DPO are recorded.

After successful passing of Phase A the trainee will be able to continue with tuition in Phase B.

**Note:** The course certificate will be issued to the participants who successfully complete the course and this will be documented in the DP log book.

### **PREREQUISITES**

- Passport
- 1 photo (3x4cm)
- National Certificate of competency – CoC, set as STCW Regulation (II/1, II/2, II/3 Deck, III/1, III/2, III/3 Engine and III/6 ETO)
- Alternative appropriate marine vocational qualifications (MVQ) will be considered on a case by case basis by the Nautical Institute and approval for candidate to attend the course will be given by the Nautical Institute.
- Officer trainees should present proof, such as a letter from company employing them or the college, indicating that they are on STCW or NVQ training.



## **RATIO OF STUDENTS/INSTRUCTORS/EQUIPMENT**

The ratio for the Induction course is:

One instructor for eight students and six DP consoles

## **NUMBER OF HOURS**

The course will require a minimum of 28 hours, additional time for running exams will be added on top of this 28 hours.

Being the Induction course predominantly theoretical, the distribution of the training is divided as follows:

Theoretical hours: 22    Practical hours: 6                      Total hours: 28

## **STATEMENT OF THE TRAINING METHODOLOGY**

At the start of the Induction course The Nautical Institute DP Operator Training Scheme will be outlined, including maintenance of the logbook and the procedure for obtaining a DP Operator certificate.

The Induction course will be predominantly theory based with guided practical exercises that introduce the trainee to various DP operational modes.

Scenarios are conducted involving real operations and participants in key DP roles. A variety of operational problems, system failures and environmental conditions are simulated in order to train and assess the participants.

The scenarios will be run on our latest Transas 5000 simulator with Anchor Handling capabilities and different DP desk setups including Kongsberg POS and Navis 4000 systems. The simulator is divided into three separate bridges and can be operated both independently and simultaneously. We have access for different virtual models of DP vessels and multiple target ships and platforms. The course documentation is written in English and the courses will be conducted in English unless otherwise agreed upon.

## **ONLINE ASSESSMENT**

In order to be awarded a certificate of completion for the Induction course, the trainee must pass an online assessment at the training centre. The exam is composed of 40 multiple-choice questions and shall be completed in 1 hour and 15 minutes. Students who fail the first attempt are allowed to have another two attempts within six months of the first attempt; however, the second attempt must be undertaken within 24 hours of the first attempt. Failing these three initial attempts, the student is required to repeat the Induction course and undertake the assessment.