

The Simulator/Advanced course

Involves simulated DP operations, including errors, faults and failures giving the participants the opportunity to apply the lessons learnt in both the Induction/Basic course and the seagoing DP familiarization. It covers the following topics:

1. Practical operation of the DP system
2. DP operations
3. DP alarms, warnings and emergency procedures

The following objectives are sought during the DP Advanced course:

1. Describe and explain the warnings and alarms of a DP system.
2. Exercise emergency procedures.
3. Be familiar with the content of the DP Vessel Operation Manual.
4. Be familiar with the full mission navigational bridge and its DP component.
5. Understand the DP operational planning.
6. Exercise the worksite approach.
7. Execute the final setting-up.
8. Describe, enumerate and exercise DP trials and FMEA.
9. Discriminate DP incidents and react accordingly.
10. Explain and exercise a consequence analysis.
11. Explain and exercise a capability plot.
12. Understand the DP specific problems to shallow and deep waters.
13. Understand the required training and experience of the DP key personnel.
14. Explain NI training scheme for DPOs.
15. Explain onboard training, technical training and IMCA guidelines for DPOs.
16. Demonstrate practical skills for: operational planning; worksite approach; use of Checklists; Communications; DP Hand Over; DP Log Book Entries; Failures; Environmental Changes; 500m Zones Entry.

The time in excess of the 60 days between the Induction/Basic and the Advanced/Simulator course will normally be counted towards the required 6 months DP watchkeeping experience. On successful completion of the Induction/Basic course the prospective Dynamic Positioning Operator will be issued with a Nautical Institute's Dynamic Positioning Operator's logbook in which the courses, seatime and suitability as a DPO (DP Operator) are recorded.