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Enhance the value of your ECDIS!

Sign up for DNV Accredited IMO 1.27 Model ECDIS Course

FAQs

Is there a need for ECDIS Training?

The changes in IMO regulations have stated that an **IMO 1.27 course will become mandatory for all ships fitted with an ECDIS system** even if it is not used as the primary means of navigation.

ECDIS is a highly sophisticated system. Many components are accessed through an appropriate human-machine interface. Hence, care must be taken when navigating with ECDIS to avoid incorrect operation, misinterpretation, malfunction or even worse, and over reliance on this highly-automated navigation system.

Just having knowledge about functions and operational controls is insufficient to maximize the benefits of ECDIS hence proper training is absolutely necessary.

Why is ECDIS Training important?

The IMO STCW (Standards of Training, Certification and Watch-keeping) and ISM (International Safety Management) codes put the responsibility firmly on ship-owners to ensure ECDIS users are properly trained.

Current STCW 95 Convention as indicated by Table A-I 1-1 recognizes ECDIS systems under the term 'charts'. If ECDIS is used as a 'chart', the user must demonstrate the same degree of knowledge and competency as a user of a conventional chart.

Hence ECDIS training is as essential as chart training.

What is IMO Model Course 1.27?

This is an IMO-approved syllabus for a standardized model course for the general operation and use of ECDIS.

This syllabus is regarded as the minimum requirement a candidate should have gone through to receive an ECDIS certification. It covers all relevant safety aspects and overall system knowledge.

Reference:

International Hydrographic Bureau
IHO Publication S-66 Edition 1.0.0
www.iho.int

Topics covered during the 5-day course (40 hours):

1. Introduction
2. Concept & Capability
3. Familiarization
4. Principal Types of Electronic Chart
5. Legal Aspects
6. ECDIS Data
7. Chartpoints & Mariner Overlays
8. Defining Safe Water
9. Danger Lines & Clearing Lines
10. Presentation of Data
11. Route Planning
12. Route Monitoring
13. Chart Updating
14. Sensors
15. Errors & Alarms
16. Voyage Data Recording
17. Backup Systems
18. Confined Waters Planning
19. Fixing
20. Final Test

Note: Course information is subjected to change.

*Please visit <http://www.ecdis.org.uk/flag-state-approvals.html> for the latest list of flag states approvals.

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