

24 Hour ECDIS Course

COURSE DESCRIPTION

This course provides training in the basic theory and operation of an Electronic Chart & Display Information System (ECDIS). It examines the use of ECDIS to enhance navigation safety and its use for practical passage planning and monitoring through the safe use of the equipment, its capabilities and limitations, and effective use of Electronic Navigation Charts (ENC) and ECDIS related information.

COURSE APPROVAL

This ECDIS course is not approved by Transport Canada.

COURSE SCHEDULE

	Day 1	Day 2	Day 3
Morning	.Principal Types Of Electronic Chart	Route Planning Specific Functions	Display And Function Of Other Navigational Equipment.
	Chart Display Systems		
	ECDIS Data		System Status Alarms and Indications
	Sensors.	Route Monitoring Specific Functions	Integrity Monitoring
	Chart Updating		Documentation
	Errors In Displayed Data		Course Review
	Errors Of Interpretation		
Afternoon	Back Up	Route Planning And Monitoring Practical	Final Exam & Proficiency Demonstration
	Risk Of Over-Reliance On ECDIS		
	.Legal Aspects And Requirements		
	Presentation Of ECDIS Data		
	Basic Navigational Functions And Settings		

COURSE REQUIRMENTS

Before entering the course, trainees should have completed a minimum of six months at sea and have gained some experience in bridge watchkeeping.

An examination will be administered on the last day of training. It will comprise a written and practical section. The written section covers ECDIS fundamentals. The practical section will require the student to properly energize and configure the ECDIS equipment; to set appropriate alarm, anti grounding and collision avoidance features; to plan and check a route; to retrieve, copy and save a route; to customize the display for contingency execution; and to demonstrate the ability to use data features.

Maritime Simulation Institute



ISO 9001:2008
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