

Bridge Resource Management/ECDIS for High Speed Craft

COURSE DESCRIPTION

This five-day course with simulation provides training in the more effective management of resources available to the bridge team of a High Speed Craft. The course, with an orientation towards the effective use of ECDIS, focuses on effective flow of information; requirements of the bridge team; common clues available in most accidents, and how to optimize teamwork and effective decision-making.

Topics include: situational awareness, communications, planning, teamwork, stress and fatigue, relationship with pilots and six hours of ECDIS instruction. Accident case studies are reviewed. Programs can be tailored to specific shipping company operations, vessels and ports.

COURSE APPROVAL

This course is approved by the U.S. Coast Guard. The person successfully completing the course will:

- (1) satisfy the requirements of 46 CFR 10.205(o) for the issue of an original license; and,
- (2) STCW Code Section B-VIII/2, Part 3-1 for an STCW certificate or endorsement as master or mate for vessels in ocean and near coastal service.

COURSE SCHEDULE

	Day 1	Day 2	Day 3	Day 4	Day 5
Morning	Introduction	Passage Planning	Communication Process/ Exercise	Start-Stop-Continue Emergencies	Master/Pilot Team Management
	Situational Awareness	Stress & Fatigue Bridge Team Management	Decision Making	Officer of the Watch	Case Study
	Error Chain Cluse/Analysis	Case Study	Case Study	Case Study	
	Lunch	Lunch	Lunch	Lunch	Lunch
Afternoon	Case Study Voyage Planning	Voyage Planning	Voyage Planning	Voyage Planning	Voyage Planning
	ECDIS Lab	ECDIS Lab	ECDIS Lab	ECDIS Lab	ECDIS Lab
	Simulation and Debrief	Simulation and Debrief	Simulation and Debrief	Simulation and Debrief	Simulation and Debrief
	Case Study Preparation	Case Study Preparation	Case Study Preparation	Case Study Preparation	Course Review

COURSE REQUIREMENTS

Mariners should have a minimum of six months watchkeeping experience as officer in charge of a navigation watch and should have completed a course of training in radar observation and plotting.

Exercises designed to complement the classroom portions of the course will be used throughout the course to evaluate the student's grasp of the subject matter. An end of course evaluation will document student performance in meeting the objectives of the course.



the best safety device on any ship is a well trained crew ...
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ISO 9001:2000
Certificate No. 36478