



ECDIS Stakeholders Management Course (ESMC)

Subject area and topics	Hours
1. System overview, current state and development	4.0
2. Accidents and detentions related to ECDIS system, investigations and inferences	4.0
3. ECDIS implementation: On-board and ashore policies	4.0
4. Data integration: Possibilities and improvements	4.0
5. ECDIS handling on management level	4.0

Course timetable

Period/Day	Day 1	Day 2	Day 3
1st Period	System overview, current state and development	ECDIS implementation: On-board and ashore policies	ECDIS handling on management level
	<i>Lunch break</i>	<i>Lunch break</i>	
2nd Period	Accidents and detentions related to ECDIS system, investigations and inferences	Data integration: Possibilities and improvements	

Detailed teaching syllabus

Subject Area and topics	Hours
1. System overview, current state and development <ul style="list-style-type: none"> a. ECDIS system & architecture b. Related organisations and respective standards c. Electronic navigational charts d. Current ECDIS manufacturers/ models e. ENC coverage f. ECDIS stakeholders g. ECDIS Education and Training h. Concepts and capabilities of digital navigation 	4.0
2. Accidents and detentions related to ECDIS system, investigations and inferences <ul style="list-style-type: none"> a. Marine accidents' case studies b. Port detentions c. Drawbacks and limitations of the system d. Understanding ECDIS system 	4.0
3. ECDIS implementation: On-board and ashore policies <ul style="list-style-type: none"> a. Safety management system b. Company policies c. ECDIS management 	4.0
4. Data integration: Possibilities and improvements <ul style="list-style-type: none"> a. Guidance for good seamanship practices b. Applicability for ECDIS inspectors c. Existing scenarios d. Data fusion and integration of navigational and non-navigational information 	4.0
5. ECDIS handling on management level <ul style="list-style-type: none"> a. ECDIS features b. Handling databases c. Sensor features d. Alarms and indicators e. Interpretation of data and graphical information f. Additional applications in ECDIS system 	4.0



Teaching aids

- Navigation Simulator
- Books, scientific and professional papers, Accident Investigation Reports, Detention Reports, IMO resolutions and Circulars and IHO Special Publication (SP), Instructor Manuals

Duration:

- 3 days, 20 hours in total

Entry standards:

- ECDIS Generic Course (MC 1.27 2012 – 40 hrs) Certificate

Intake limitations:

- Minimum 1 candidate, Maximum 3 candidates

Certificate:

- A course certificate specifying the training details will be issued to each participant upon successful completion of the course

Information

- Contact: MARITIME TRAINING CENTRE AND LIFE-LONG LEARNING
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