

Course Title **The Operational Use of ECDIS Systems (Generic)**

Code **R005**

English, German on request

Approval BSH (Federal Maritime and Hydrographic Agency)

- Description**
- Legal aspects and requirements
 - Principal types of electronic charts
 - Presentation of ECDIS data
 - Sensors
 - Basic navigational functions and settings
 - Specific functions for route planning
 - Specific functions for route monitoring
 - Updating
 - Display and function of other navigational information
 - Errors in displayed data
 - Errors of interpretation
 - Status indications, indicators and alarms
 - Documentation
 - Integrity monitoring
 - Back-up
 - Risk of over-reliance of ECDIS

- Objectives**
- Operation of ECDIS equipment including type specific Wärtsilä-SAM Electronics ECDIS
 - Use of navigational functions of ECDIS
 - ECDIS data and its presentation
 - System related limitations and risks
 - Route planning, route monitoring
 - Analysis of chart and sensor alarms
 - Sensor limitations and its impact on the safe use of ECDIS
 - Overreliance on ECDIS
 - Essential legal aspects of the use of ECDIS

Entry Standards Officers in charge of a navigational watch, nautical officers in charge of the management level, pilots

Certification Every master, chief mate and officer in charge of a navigational watch on a ship fitted with ECDIS must have completed a course in the use of ECDIS

- incl. type specific Wärtsilä-SAM Electronics ECDIS (chart pilot, multipilot)

Facilities Radar Simulator, classroom, individual workstations

Teaching Method Exercise, demonstration, lectures, assessment

Guidelines **IMO** IMO Resolution A.817(19)
STCW 78 as amended

Course Duration 5 days

Price **EUR 1.200,00 (p. person, net excl. VAT 19%)**



BUNDESAMT FÜR
SEESCHIFFFAHRT
UND
HYDROGRAPHIE

| Schedule 2020 | 9:00-17:00 h | | |
|------------------|--------------|--|--|
| January | 20.-24. | | |
| February | | | |
| March | | | |
| April | | | |
| May | | | |
| June | | | |
| July | 27.-31. | | |
| August | | | |
| September | | | |
| October | | | |
| November | 09.-13. | | |
| December | | | |