ZOROVIC
MARITIME SERVICES

TRAINING BOOK

COURSE CATEGORY

- List of Simulators
- Tanker
- Safety and security
- Environmental
- Human Resource
- Technical
- ECDIS
- Test
- Simulator Courses

LIST OF SIMULATORS

At Zorovic Training Centre, we're pleased to offer an extensive selection of state-of-the-art simulators. These simulators are thoughtfully chosen to provide practical training across various fields. Below, you'll find a list of the simulators available at our training centre:

- **Full Mission Navigational Bridge Simulator Transas/Wartsila Navi-Trainer Pro 5000**
  • The Navi-Trainer Professional 5000 (NTPRO 5000) offers comprehensive simulator training for watch officers, chief officers, captains, and pilots on all vessel types, meeting international standards including STCW'2010 and SOLAS Conventions. With over 320 realistic ship models and 294 simulated areas, it provides flexible and immersive training experiences. Its innovative visualization system includes dynamic shading calculations, realistic wave representations, and integrated visual adjustment modules for precise training simulations.

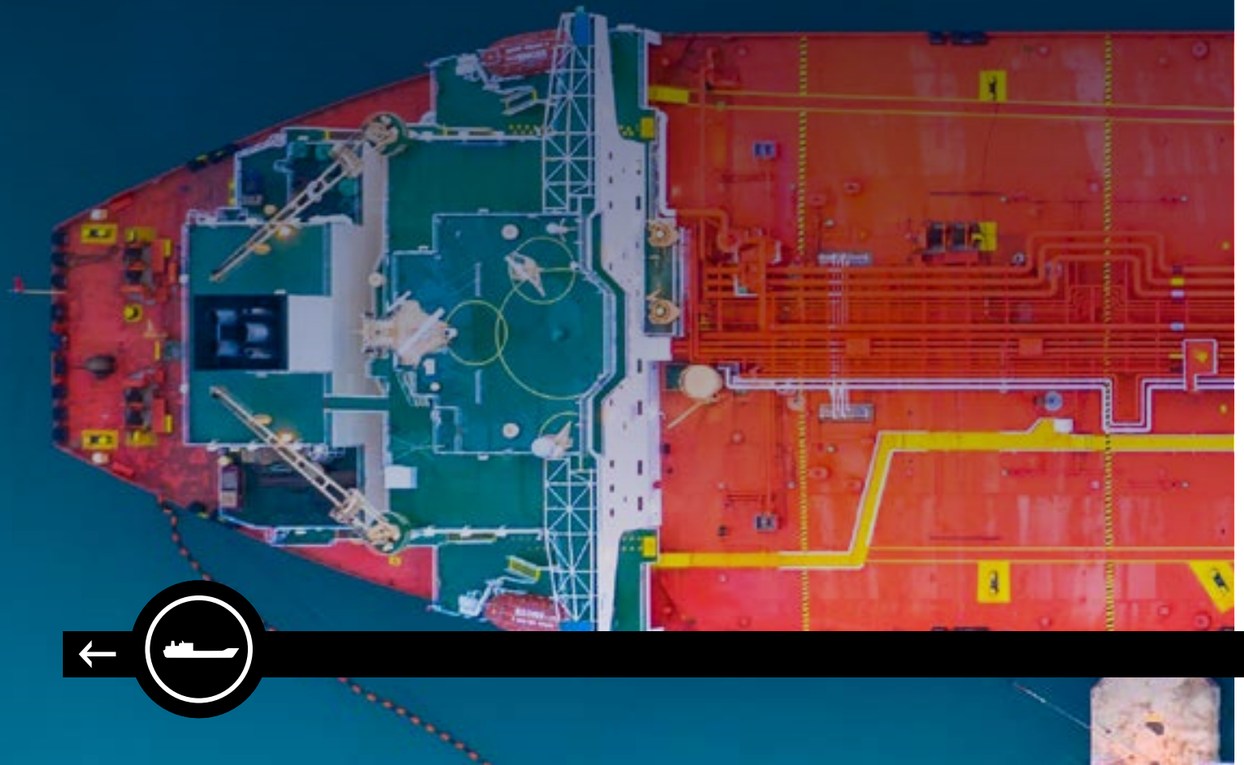
- **Kongsberg K-SIM Cargo Handling Simulator**
  • KONGSBERG's cargo and ballast handling simulator provides comprehensive training in all aspects of complex load and discharge operations. Certified by DNV and surpassing IMO/STCW requirements, it offers structured training to build competence effectively. Allowing repeated practice of critical operations facilitates skill acquisition and decision-making in challenging scenarios.

- **Wärtsilä Engine room simulator**
  • The Wärtsilä Engine Room Simulator (ERS TechSim) is tailored to train and evaluate the competency of engine department personnel, including second and chief engineers, officers in charge of engineering watch, and ratings of engineering watch. It complies with international standards and regulations, ensuring comprehensive training. It adheres to key regulations and standards, including the STCW 2010 Convention and Code, ISM Code Sections 6 and 8, IMO Model Courses 2.07, 7.02, 7.04, and 7.08, as well as MARPOL and SOLAS requirements. Moreover, it meets the DNVGL-ST-0033 Maritime Simulator Systems standard, ensuring its reliability and effectiveness in training and assessment.

TANKER

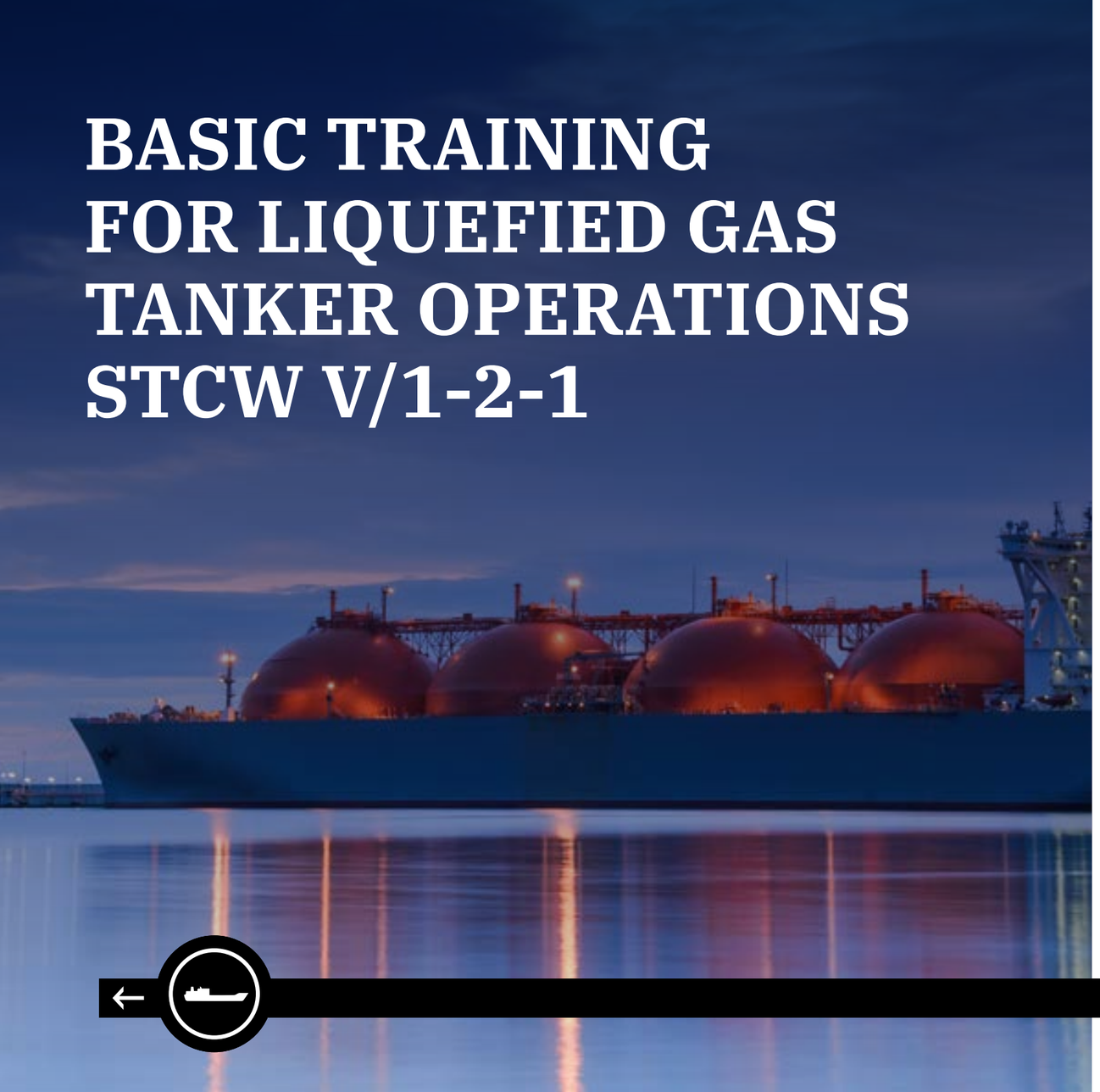
Basic Training for Oil and Chemical Tanker Cargo Operations
Basic Training for Liquefied Gas Tanker Cargo Operations
Advanced Training for Oil Tanker Cargo Operations
Advanced Training for Liquefied Gas Tanker Cargo Operations
Advanced Training for Chemical Tanker Cargo Operations

BASIC TRAINING FOR OIL AND CHEMICAL TANKER OPERATIONS STCW V/1-1-1



COURSE CODE	D13A
COURSE CATEGORY	Tanker
SCOPE	The course has been designed to meet the requirements of Table A-V/1-1-1 of STCW Code, as amended.This course provides training for officers and rating assigned specific dities and responsibilities related to cargo and cargo equipment on tankers. It comprises a familiarization training programme appropriate to their duties and responsibilities, including characteristics of tanker cargoes, their associated hazards, safety measures, pollution prevention, emergency operations, cargo equipment and operations.
PREREQUISITE	Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia Šapjane 70 Pasjak, Croatia
CERTIFICATION (APPROVALS)	Ministry of Sea, Tourism, Transport and Development of the Republic of Croatia
DURATION	5 days
COURSE OBJECTIVE	The objective of this course is to meet the training requirements of regulation V/1-1 paragraph 1 of the STCW Code, as amended.
REMARKS	On successful completion of the course, the trainee will receive a course completion document for Basic Training for Oil and Chemical Tanker Cargo Operations.

BASIC TRAINING FOR LIQUEFIED GAS TANKER OPERATIONS STCW V/1-2-1

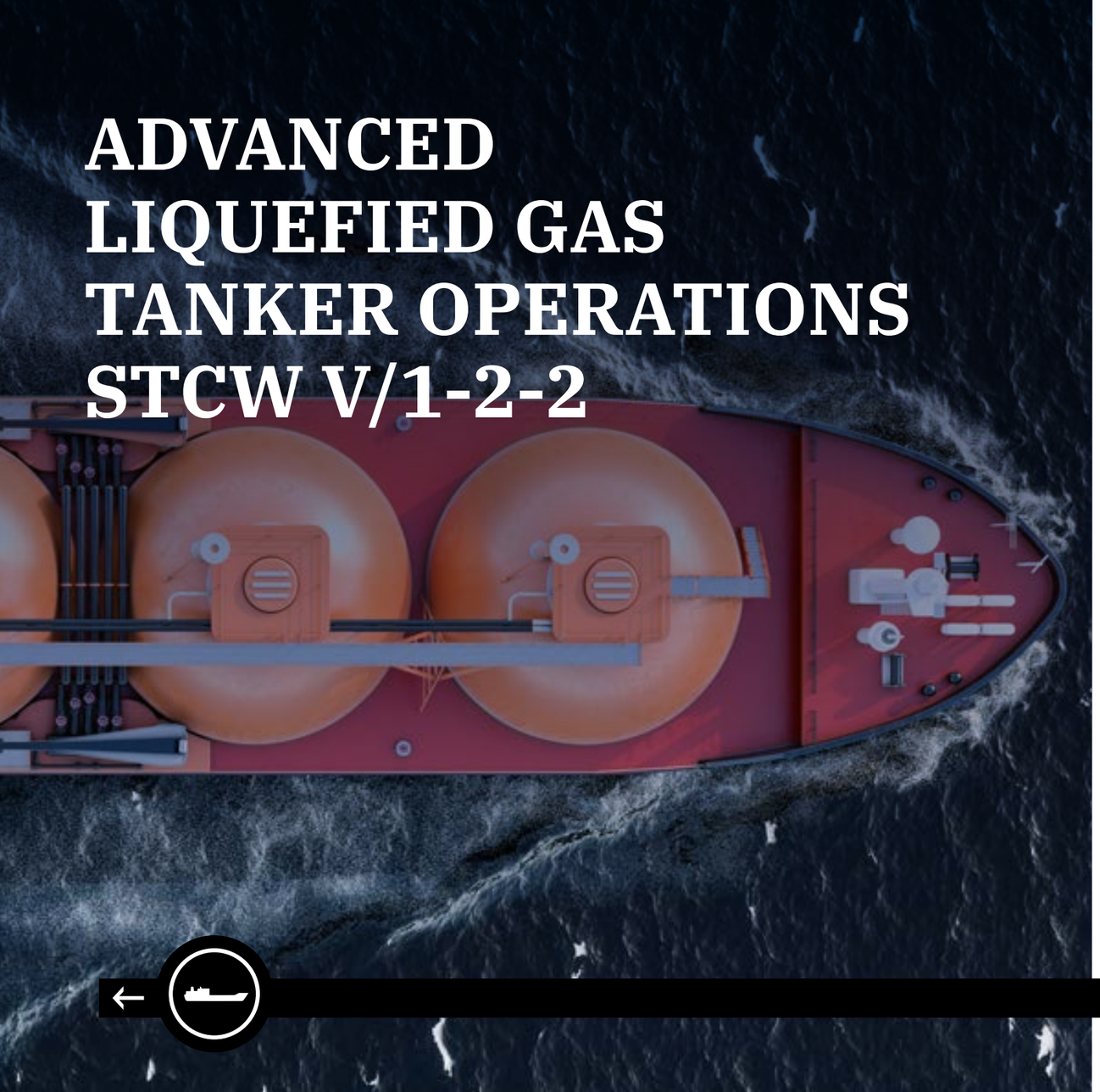


COURSE CODE	D13B
COURSE CATEGORY	Tanker
SCOPE	The course has been designed to meet the requirements of Table A-V/1-2-1 of STCW Code, as amended.This course provides training for officers and ratings. It comprises a basic training programme appropriate to their duties for liquified gas tanker safety, fire safety measures and cargo systems, pollution prevention, safe operational practice and obligations under aplicable laws and regulations.
PREREQUISITE	Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia Šapjane 70 Pasjak, Croatia
CERTIFICATION (APPROVALS)	Ministry of Sea, Tourism, Transport and Development of the Republic of Croatia
DURATION	4 days
COURSE OBJECTIVE	The objective of this course is to meet the training requirements of regulation A-V/1-2, paragraph 1 of the STCW Code, as amended.
REMARKS	On successful completion of the course, the trainee will receive a course completion document for Basic training for liquefied gas tanker cargo operations.

ADVANCED OIL TANKER OPERATIONS STCW V/1-1-2

COURSE CODE	D14
COURSE CATEGORY	Tanker
SCOPE	The course has been designed to meet the requirements of Table A-V/1-1-2 of STCW Code, as amended.This course provides training for masters, chief engineer officers, chief mates, second engineer officers and any other person with immediate responsability for loading and unloading, care in transit, handling of cargo, tank cleaning or other cargo related operations on oil tankers. It comprises an advanced training programme appropriate to their duties on oil tankers for their ability to imbibe a safety culture to preform and monitor all cargo operations, the properties of oil cargoes, take precautions to prevent hazards, apply health and safety precautions, respond to emergency fire safety measures, take pracutions to prevent pollution of the environment, and monitor and control comliance with legislative requirements.
PREREQUISITE	Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
CERTIFICATION (APPROVALS)	Ministry of Sea, Tourism, Transport and Development of the Republic of Croatia
DURATION	6 days
COURSE OBJECTIVE	Those successfully completing the Advanced Training for Oil Tanker Cargo Operations course should therefore meet the training requirements in accordance with regulation A-V/1-1 paragraph 2 of the STCW Code, as amended.
REMARKS	Upon successful completion of the course, the trainee will receive a course completion document for Advanced Training for Oil Tanker Cargo Operations.

ADVANCED LIQUEFIED GAS TANKER OPERATIONS STCW V/1-2-2



COURSE CODE	D15
COURSE CATEGORY	Tanker
SCOPE	The course has been designed to meet the requirements of Table A-V/1-2-2 of the STCW Code, as amended.This course provides training for masters, chief engineer officers, chief mates, second engineer officers and any other person with immediate responsability for loading and unloading, care in transit, handling of cargo, tank cleaning or other cargo related operations on liquefied gas tankers. It comprises an advanced training programme appropriate to their duties on liquefied gas tankers for their ability to imbibe a safety culture to preform and monitor all cargo operations, the properties of liquefied gas cargoes, take precautions to prevent hazards, apply health and safety precautions, respond to emergency fire safety measures, take pracutions to prevent pollution of the environment, and monitor and control comliance with legislative requirements.
PREREQUISITE	Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
CERTIFICATION (APPROVALS)	Ministry of Sea, Tourism, Transport and Development of the Republic of Croatia
DURATION	6 days
COURSE OBJECTIVE	The objective of this course is to meet the training requirements under section A-V/1-2 paragraph 2 of the STCW Code, as amended. Those successfully completing the course should be able to safely perform their duties for loading, unloading and care in transit or handling of cargo on liquefied gas tankers. They will make a safer and more effective contribution to the operation and control of the cargo on liquefied gas tankers, which will improve the ship safety and provide greater protection to the environment in particular.
REMARKS	Upon successful completion of the course, the trainee will receive a course completion document for Advanced Training for Liquefied Gas Tanker Cargo Operations.

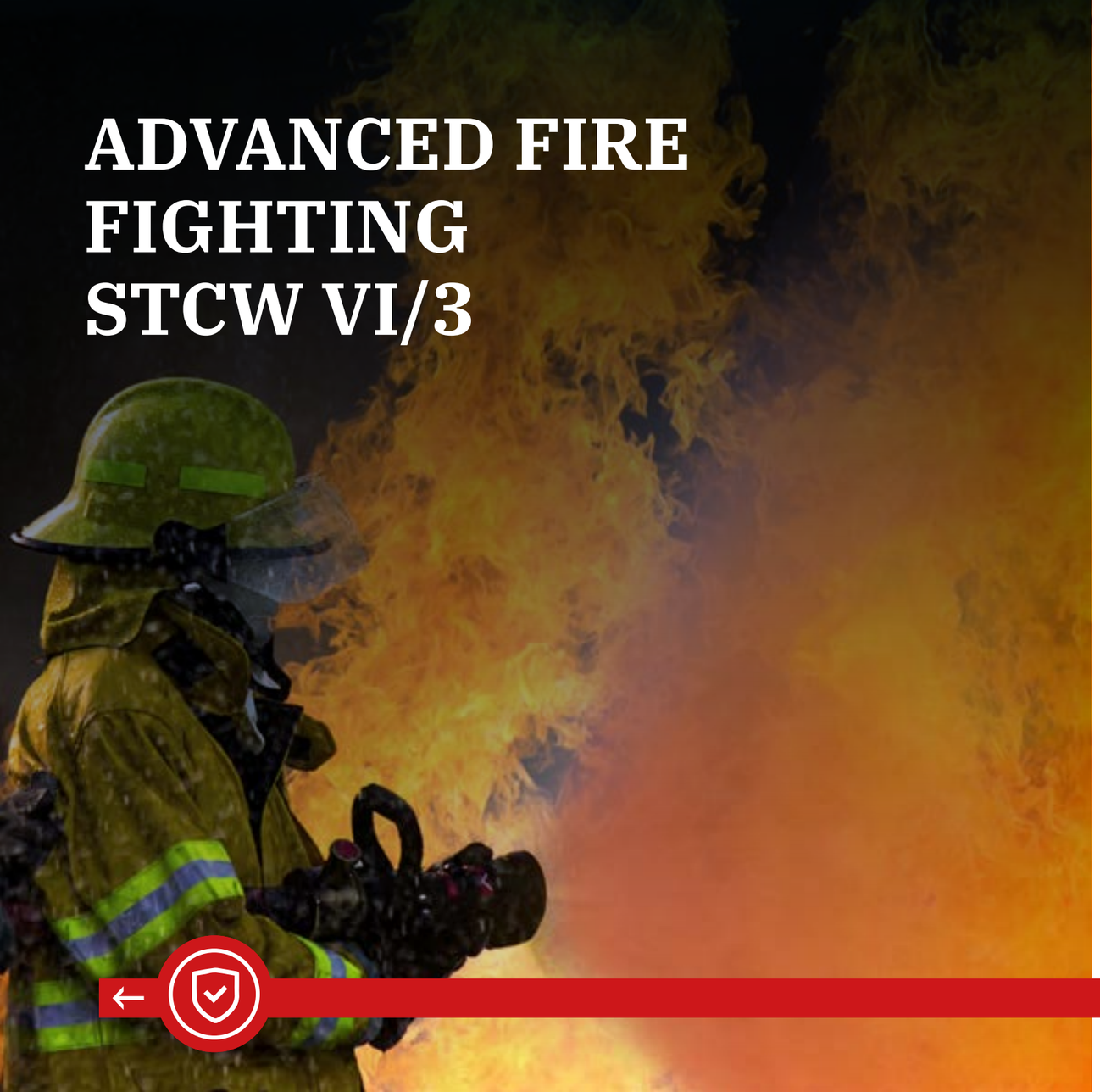
ADVANCED CHEMICAL TANKER OPERATIONS STCW V/1-1-3

COURSE CODE	D16
COURSE CATEGORY	Tanker
SCOPE	The course has been designed to meet the requirements of Table A-V/1-1-3 of STCW Code, as amended. This course provides training for masters, chief engineer officers, chief mates, second engineer officers and any other person with immediate responsability for loading and unloading, care in transit, handling of cargo, tank cleaning or other cargo related operations on chemical tankers. It comprises an advanced training programme appropriate to their duties on chemical tankers for their ability to imbibe a safety culture to preform and monitor all cargo operations, the properties of chemical cargoes, take precautions to prevent hazards, apply health and safety precautions, respond to emergency fire safety measures, take pracutions to prevent pollution of the environment, and monitor and control compliance with legislative requirements.
PREREQUISITE	Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
CERTIFICATION (APPROVALS)	Ministry of Sea, Tourism, Transport and Development of the Republic of Croatia
DURATION	6 days
COURSE OBJECTIVE	The objective of this course is to meet the training requirements under section A-V/1-1 paragraph 3 of the STCW Code, as amended.Those successfully completing the course should therefore be able to take immediate responsibility for loading, discharging and care in transit or handling of cargo on chemical tankers. They will make a safer and more effective contribution to the operation and control of the cargo on a chemical tanker, which will improve the ship safety and provide greater protection to the environment.
REMARKS	Upon successful completion of the course, the trainee will receive a course completion document for Advanced Training for Chemical Tanker Cargo Operations.

SAFETY AND SECURITY

Advanced Fire Fighting
Basic H2S Training
Security Awareness Training
Security Training for Seafarers with Designated Security Duties
Ship Security Officer
Helicopter Landing Officer

ADVANCED FIRE FIGHTING STCW VI/3



COURSE CODE	D12
COURSE CATEGORY	Safety and Security
SCOPE	This course has been designed to provide the training in advanced fire fighting in accordance with Section A-VI/3 of the STCW Code, as amended. The emphasis of the training is in organization, tactics and command.
PREREQUISITE	Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia Pasjak 70 Šapjane, Croatia
CERTIFICATION (APPROVALS)	Ministry of Sea, Tourism, Transport and Development of the Republic of Croatia
DURATION	4 days
COURSE OBJECTIVE	A trainee successfully completing this training will be competent to take command, organize and train fire squads and control fire-fighting operations. The trainee will have acquired knowledge of fire prevention and an ability to inspect and service fire detection and extinguishing systems and equipment.
REMARKS	On successful completion of the course, the trainee will receive a course completion document for Advanced fire fighting course.

BASIC H2S TRAINING

COURSE CODE	H2S
COURSE CATEGORY	Safety and Security
SCOPE	This course has been developed by Zorovic Training Centre based on the requirements laid down in OPITO approved standars for Basic H2S training.
PREREQUISITE	Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
CERTIFICATION (APPROVALS)	–
DURATION	1 day
COURSE OBJECTIVE	Trainees who successfully complete the course should be able to demonstrate the knowledge which include, but it is not limited to: • Hydrogen sulphide – how it is formed and where it is found • Properties and characteristics of H2S • Occupational exposure limits to H2S • Types of detector equipment and practical training • Operating personal H2S detection equipment • Types of respiratory equipment • Donning & operating (including checks) an escape breathing apparatus (EBA) with a mask • Donning & operating (including checks) an SCBA with a mask • Pre-use checks of personal detection devices and EBA • Precautions to take to ensure your safety when entering an area which may contain H2S vapors • Rescue and first aid as it applies to H2S exposure
REMARKS	Upon successful completion of the course, the trainee will receive a course completion certificate for Basic H2S Training.

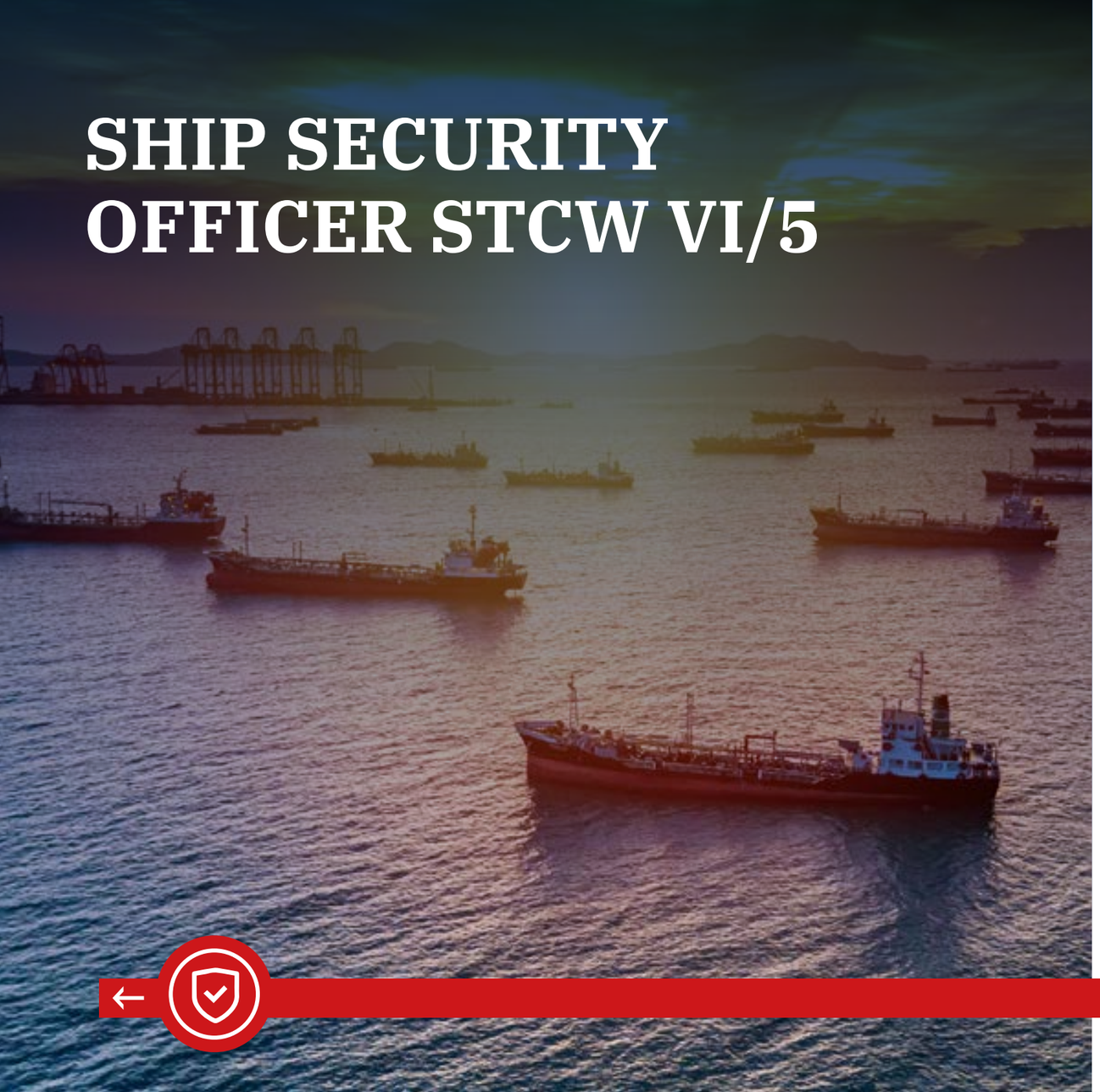
SECURITY AWARENESS TRAINING STCW VI/6-1

COURSE CODE	D42
COURSE CATEGORY	Safety and Security
SCOPE	This course is intended to provide the knowledge required to enable personnel without designated security duties in connection with a Ship Security Plan to enhance ship security in accordance with the requirements of Chapter XI-2 of SOLAS 74 as amended, the ISPS Code and section A-VI/6-1 of the STCW Code, as amended. Course is based on the guidelines of IMO Model Courses 3.27.
PREREQUISITE	Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
CERTIFICATION (APPROVALS)	Ministry of Sea, Tourism, Transport and Development of the Republic of Croatia
DURATION	1 day
COURSE OBJECTIVE	Those who successfully complete this course should achieve the required standard of knowledge enabling them to contribute to the enhancement of maritime security and the ability to recognize security threats and to respond appropriately. This knowledge shall include, but is not limited to: • Meaning and requirements of the different security levels • Knowledge of emergency procedures and contingency plans • Recognition and detection of weapons and devices • Techniques used to circumvent security measures
REMARKS	Upon successful completion of the course, the trainee will receive a course completion document for Security Awareness Training.

SECURITY TRAINING FOR SEAFARERS WITH DESIGNATED SECURITY DUTIES STCW VI/6-2

COURSE CODE	D43
COURSE CATEGORY	Safety and Security
SCOPE	This model course is intended to provide knowledge required for seafarers with designated security duties in connection with a Ship Security Plan (SSP) to preform their duties in accordance with requirements of Chapter XI-2 SOLAS 74 as amended, the ISPS code, and section A-VI/6-2 of the STCW Code, as amended.
PREREQUISITE	Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
CERTIFICATION (APPROVALS)	Ministry of Sea, Tourism, Transport and Development of the Republic of Croatia
DURATION	1 day
COURSE OBJECTIVE	Those who successfully complete the course should be able to demonstrate the knowledge which include, but is not limited to: - current security threats and patterns; • Recognition of weapons and dangerous devices • Recognition of persons who are likely to threaten security • Techniques used to circumvent security measures • Knowledge of emergency procedures and contingency plans • Security equipment • Control and monitoring techniques • Methods of physical search of persons, baggage, cargo and stores
REMARKS	Upon successful completion of the course, the trainee will receive a course completion document for Security Training for Seafarers with Designated Security Duties.

SHIP SECURITY OFFICER STCW VI/5



COURSE CODE	D32
COURSE CATEGORY	Safety and Security
SCOPE	This model course is intended to provide knowledge to those who may be designated to preform the duties and responsabilities of a Ship Security Officer (SSO), as defined in section A/2.1.6 (and section A/12) of the ISPS Code and in section A-VI/5 of the STCW Code, as amended. And in particular the duties and responsabilities with respect to the security of a ship, for implementing and mantaining a Ship Security Plan and for liaising with the Company Security Officer (CSO) and with Port Facility Security Officers (PFSOs).
PREREQUISITE	Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
CERTIFICATION (APPROVALS)	Ministry of Sea, Tourism, Transport and Development of the Republic of Croatia
DURATION	2 days
COURSE OBJECTIVE	Those who successfully complete this course should be able to undertake the duties and responsibilities as Ship Security Officer, as defined in section A/12.2 of the ISPS Code, which include, but are not limited to: • Undertaking regular security inspections of the ship to ensure that appropriate security measures are maintained. • Maintaining and supervising the implementation of the Ship Security Plan, including any amendments to the plan. Coordinating the security aspects of the handling of cargo and ships stores with other shipboard personnel and with the relevant Port Facility Security Officers. • Proposing modifications to the Ship Security Plan. • Reporting to the Company Security Officer any deficiencies and non-conformities identified during internal audits, periodic reviews, security inspections and verification of compliance and implementing any corrective actions. • Enhancing security awareness and vigilance on board. • Ensuring that adequate training has been provided to shipboard personnel, as appropriate. • Reporting all security incidents • Coordinating implementation of the Ship Security Plan with the Company Security Officer and the relevant Port Facility Security Officer. • Action against pirate attacks
REMARKS	Upon successful completion of the course, the trainee will receive a course completion document for Ship Security Officer Training.

HELICOPTER LANDING OFFICER

COURSE CODE	HLO
COURSE CATEGORY	Designated Operation Safety
SCOPE	This course has been developed by Zorovic Training Centre based on the requirements laid down in OPITO approved standars for Helicopter Landing Officer Course.
PREREQUISITE	Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
CERTIFICATION (APPROVALS)	Ministry of Sea, Tourism, Transport and Development of the Republic of Croatia
DURATION	1 day
COURSE OBJECTIVE	Trainees who successfully complete the course should be able to demonstrate the knowledge which include, but it is not limited to: • Helicopter Landing Officer Requirements • Helideck Checks • Helicopter Comunication and Meteorology • Helideck Operations • Helideck Loading • Dangerous Goods • Helicopter Identification • Helideck Emergency Response
REMARKS	Upon successful completion of the course, the trainee will receive a course completion certificate for Helicopter Landing Officer.

ENVIRONMENTAL

Marine Environmental Awareness Training
Oil Pollution Preparedness, Response and Cooperation (OPRC) Level 1.
Oil Pollution Preparedness, Response and Cooperation (OPRC) Level 2.

MARINE ENVIRONMENTAL AWARENESS

COURSE CODE	D48
COURSE CATEGORY	Environmental
SCOPE	The course has been designed to meet the requirements laid down in sections A-II/1 of Chapter II, A-III/1 and A-III/6 of Chapter III of the STCW Code, as amended. The course focuses specially on the human element.
PREREQUISITE	Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
CERTIFICATION (Approvals)	Ministry of Sea, Tourism, Transport and Development of the Republic of Croatia
DURATION	1 day
COURSE OBJECTIVE	Those who have successfully completed the course will be able to demonstrate knowledge and understanding of the importance of preventing pollution to the marine environment. This knowledge and understanding shall include, but is not limited to the following topics: • Concept of sustainable shipping complexity and diversity of the marine environment • Impact of shipping on the environment role of regulations • Procedures and technical installations to protect the environment • Marine environmental awareness • Personal responsibility • Role of human element to prevent pollution • Proactive measures
REMARKS	Upon successful completion of the course, the trainee will receive a course completion document for Marine Environmental Awareness Training.

OPRC OIL POLLUTION PREPAREDNESS, RESPONSE AND COOPERATION LEVEL 1.

COURSE CODE	OPRC
COURSE CATEGORY	Environmental
SCOPE	The IMO OPRC Model training courses have been developed to address all general aspects of oil spill planning, response and management. They are intended to provide guidance on the general framework and content a training course may adopt to meet the specific needs of the participants, country or region in which the course is to be delivered. The courses have been developed by IMO to aid the Member States to the International Convention on Oil Pollution, Preparedness, Response and Cooperation (OPRC), 1990, in meeting their obligation to provide a programme of training for relevant personnel in cooperation with interested governments and industry.
PREREQUISITE	Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
CERTIFICATION (Approvals)	Certificate of Compliance given by the Ministry of Sea, Transport and Infrastructure of Republic of Croatia.
DURATION	4 days
COURSE OBJECTIVE	The IMO Model Training Course on OPRC Level 1 is intended to the first line responders to oil spill incidents. The course focuses on, and provides extensive knowledge and skills in, on site response to oil spills with emphasis on combat and clean-up technologies.
COURSE CONTENT	• Overview of oil spill response • Oil spill response techniques – at sea • Oil response techniques – shoreline assessment and clean-up • Oil spill response support issues
REMARKS	On successful completion of the course, the trainee will receive a course completion certificate Oil Pollution Preparedness, Response and Cooperation (OPRC) Level 1.

OPRC OIL POLLUTION PREPAREDNESS, RESPONSE AND COOPERATION LEVEL 2.

COURSE CODE	OPRC
COURSE CATEGORY	Environmental
SCOPE	The IMO OPRC Model training courses have been developed to address all general aspects of oil spill planning, response and management. They are intended to provide guidance on the general framework and content a training course may adopt to meet the specific needs of the participants, country or region in which the course is to be delivered. The courses have been developed by IMO toaid the Member States to the International Convention on Oil Pollution, Preparedness, Response and Cooperation (OPRC), 1990, in meeting their obligation to provide a programme of training for relevant personnel in cooperation with interested governments and industry.
PREREQUISITE	Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
CERTIFICATION (Approvals)	Certificate of Compliance given by the Ministry of Sea, Transport and Infrastructure of Republic of Croatia.
DURATION	4 days
COURSE OBJECTIVE	The IMO Model Training Course on OPRC Level 2 is intended for Supervisors and On Scene Commanders in cases of oill spills as per IMO requirements. The course focuses and provides a broad range of knowledge and allows participants to develop the skills to effectively manage or supervise an oill spill response team.
COURSE CONTENT	• Overview of oil spill response • Oil spill response techniques • Response Issues • Incident termination
REMARKS	On successful completion of the course, the trainee will receive a course completion certificate Oil Pollution Preparedness, Response and Cooperation (OPRC) Level 2.

HUMAN RESOURCE

Bridge Resource Management
Engine Room Resource Management
Leadership and Teamworking Skills
Leadership and Managerial Skills
Maritime Resource Management

BRIDGE RESOURCE MANAGEMENT

COURSE CODE	D45
COURSE CATEGORY	Human Resource
SCOPE	This course has been designed to meet the Bridge Resource Management requirements detailed in Table A-II/1 of the STCW Convention, as amended. Course provides guidance for masters and officers in charge of a navigational watch in the use of all available resource to enhance navigational safety.
PREREQUISITE	Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
CERTIFICATION (Approvals)	Ministry of Sea, Tourism, Transport and Development of the Republic of Croatia
DURATION	2 days
COURSE OBJECTIVE	To motivate the crew and to support a change of attitude and increased knowledge about human and technical resources in an operational maritime environment. This includes understanding of the importance of good management and teamwork and the willingness to change behaviour.
REMARKS	After successful completion of the course candidates will receive a Bridge Resource Management course certificate.

ENGINE ROOM RESOURCE MANAGEMENT

COURSE CODE	D46
COURSE CATEGORY	Human Resource
SCOPE	This course has been designed to meet the Engine Resource Management requirements detailed in Table A-III/1 of the STCW Convention, as amended.
PREREQUISITE	Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
CERTIFICATION (Approvals)	Ministry of Sea, Tourism, Transport and Development of the Republic of Croatia
DURATION	2 days
COURSE OBJECTIVE	To motivate the crew and to support a change of attitude and increased knowledge about human and technical resources in an operational maritime environment. This includes understanding of the importance of good management and teamwork and the willingness to change behaviour.
REMARKS	After successful completion of the course and examination candidates will receive a Engine Resource Management course certificate.

LEADERSHIP AND TEAMWORKING SKILLS

COURSE CODE	D47A
COURSE CATEGORY	Human Resource
SCOPE	This course has been designed to meet the Application of leadership and teamworking skills requirements detailed in Table A-II/1, A-III/1 and A-III/6 of the STCW, as amended.
PREREQUISITE	Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
CERTIFICATION (Approvals)	Ministry of Sea, Tourism, Transport and Development of the Republic of Croatia
DURATION	2 days
COURSE OBJECTIVE	This course will provide a trainee with the knowledge, skill and understanding of leadership and teamwork at the operational level on board a ship. The course is designed to meet STCW requirements for the application of leadership and team working skills, in accordance with the 2010 Manila Amendments, specifically as stated in table A-II/1, A-III/1 and A-III/6.
REMARKS	After successful completion of the course and examination candidates will receive a Leadership and Teamworking certificate.

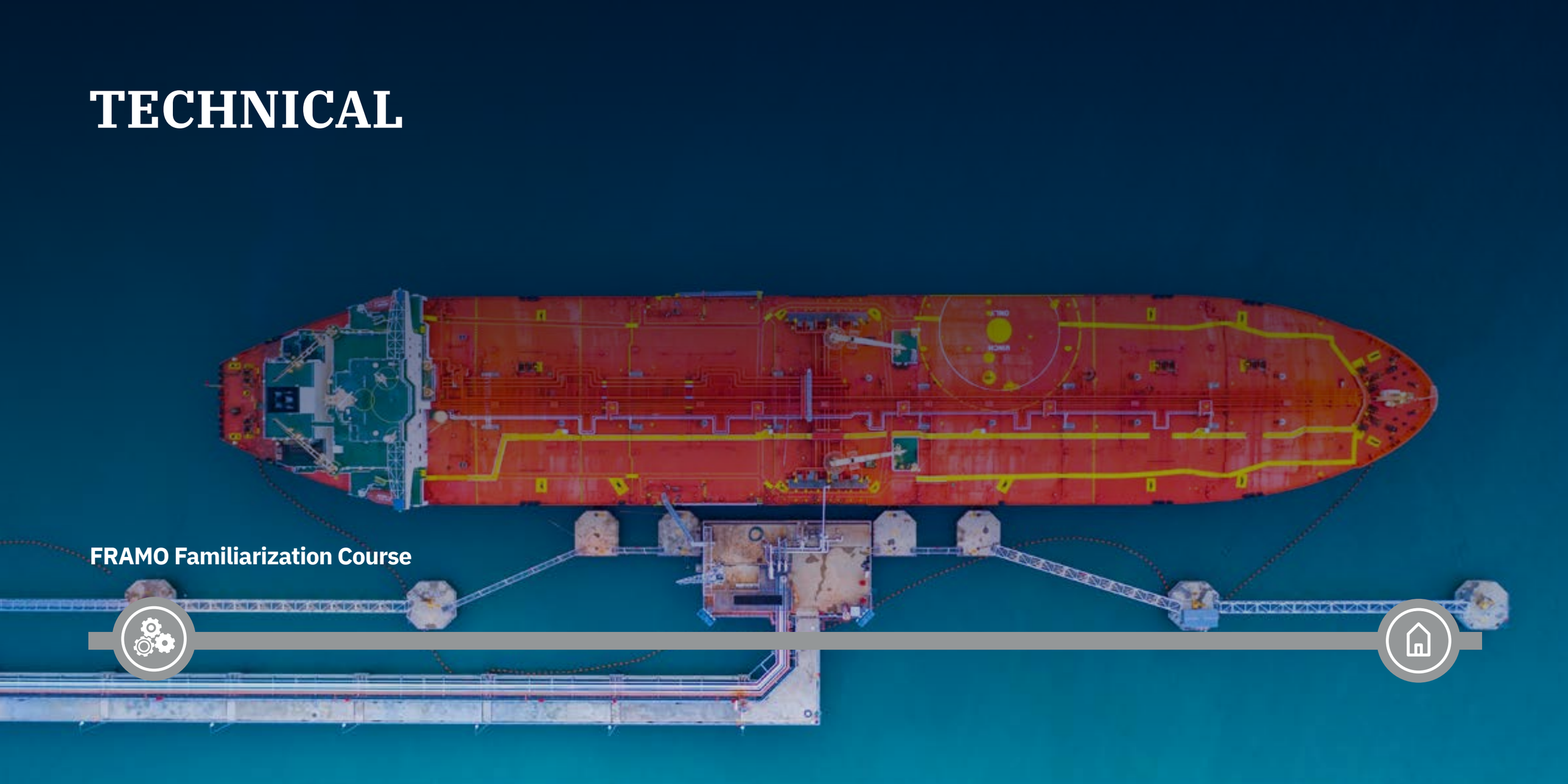
LEADERSHIP AND MANAGERIAL SKILLS

COURSE CODE	D47B
COURSE CATEGORY	Human Resource
SCOPE	This course has been designed to meet the Leadership and managerial skills requirements detailed in Table A-II/2 and A-III/2 of the STCW Convention, as amended.
PREREQUISITE	Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
CERTIFICATION (Approvals)	Ministry of Sea, Tourism, Transport and Development of the Republic of Croatia
DURATION	2 days
COURSE OBJECTIVE	The trainees who successfully complete this course will meet the requirements of STCW section A-II/2 and A-III/2
REMARKS	After successful completion of the course and examination candidates will receive a Leadership and Managerial Skills certificate.

MARITIME RESOURCE MANAGEMENT

COURSE CODE	MRM
COURSE CATEGORY	Human Resource
SCOPE	The Maritime Resource Management course meets the requirements laid down in the IMO International Convention on Standards of Training, Certification and Watchkeeping for Seafarers, 1978, as amended by the 2010 Manila Amendments, in the following areas: • Table A-II/1 (Bridge resource management) • Table A-III/1 (Engine room resource management) • Table A-II/2 and A-III/2 (Leadership and managerial skills) • Table A-II/1 • Table A-III/1 •Table A-III/6 (Application of leadership and teamworking skills) This course is developed by The Swedish Club's ALLAcademy. ALLAcademy is a training company specialising in Maritime Resource Management.
PREREQUISITE	Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
CERTIFICATION (Approvals)	The Swedish Club's ALL Academy
DURATION	3 days
COURSE OBJECTIVE	To motivate the team to change its behaviour to good resource management practices during everyday operations. This includes understanding of the importance of good management and teamwork and the willingness to change behaviour. Furthermore, to increase knowledge about human performance and limitations such as the effects of fatigue and stress. In addition, besides the obvious goals of safer shipping and a reduced number of accidents, MRM training aims at developing the skills and knowledge of mariners, enhancing their professional standards and increasing job satisfaction.
COURSE CONTENT	• Situation Awareness • Attitudes and Management Skills • Cultural Awareness • Communication and Briefings • Challenge and Response • Short Term Strategy • Authority and Assertiveness • Management Styles • Workload • State of the Ship • Human Involvement in Error • Judgment and Decision Making • Leadership in Emergencies • Crisis and Crowd Management • Automation Awareness
REMARKS	Upon successful completion of the course, the trainee will receive a course completion certificate for Maritime Resource Management

TECHNICAL



FRAMO Familiarization Course

FRAMO FAMILIARIZATION COURSE

COURSE CODE	FRAMO
COURSE CATEGORY	Technical
SCOPE	The course aims to provide knowledge and understanding in Framo pump system - working principle, pump operation, maintenance, and portable pump operation.
PREREQUISITE	Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
CERTIFICATION (Approvals)	–
DURATION	1 day
COURSE OBJECTIVE	The objective is to familiarize the trainees with all aspects of the system and enable them to operate it in safe and efficient manner.
COURSE CONTENT	• General description • Working principle • Power packs • Pump operation • Pump maintenance • Portable pump operation
REMARKS	Upon successful completion of the course, the trainee will receive a course completion certificate for FRAMO Cargo Pumping System (Loading, Discharging, Stripping, Tank Cleaning & Purging)

ECDIS

ECDIS Type Specific Trainings
Electronic Chart Display and Information System (ECDIS)

ECDIS TYPE SPECIFIC TRAININGS

COURSE CODE	ECDIS
COURSE CATEGORY	ECDIS
SCOPE	Familiarization with following ECDIS models: Furuno FMD, ChartWorld eGlobe G2, Consilium ECDIS G2, Consilium ECDIS Selesmar, JRC JAN 901B/701B/2000, JRC JAN 9201/7201, Kelvin Hughes Manta Digital ECDIS, Sperry Marine VisionMaster, Anschütz Synapsis ECDIS NX, Anschütz Synapsis ECDIS,Simrad E5024, Simrad MARIS ECDIS900, Tokyo Keiki EC-8100/8600, Wärtsilä NaviSailor 4000 by Transas, Wärtsilä SAM ECDISPILOT Platinum.
PREREQUISITE	Generic ECDIS Certificate
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
CERTIFICATION (APPROVALS)	–
DURATION	2 days
COURSE OBJECTIVE	The type-specific training course provides officers with the system knowledge required to use type specific ECDIS for watchkeeping in accordance with the regulations of STCW and the ISM Code. The guided tutorial, with a duration of approx. 16 hours, covers the equipment familiarisation requirements of IMO Model Course 1.27 for the functions and controls of an ECDIS system.
REMARKS	A course booking provides you with a three week time frame to complete the course, repeating Modules where necessary, and to use the "FreePlay" Mode, which allows you to practice freely on the manufacturer's original, type-approved, software. The courseware includes a final test of no more than 1 hour duration, which can also be repeated, leading to an individual certificate.

ELECTRONIC CHART DISPLAY AND INFORMATION SYSTEM (ECDIS)

COURSE CODE	D44
COURSE CATEGORY	ECDIS
SCOPE	The course is designed to meet the STCW requirements in the use of ECDIS, as revised by the Manila Amendments, specifically as these apply to Tables A-II/1, A-II/2 and A-II/3, and also to revised guidelines pertaining to training and assessment in the operational use of ECDIS in Table B-I (paragraphs 36 through 66), assessment in navigational watchkeeping, and evaluation of competence, both in Table B-II. This course covers the training recommended in the IMO Model Course 1.27 Electronic Chart Display and Information Systems (ECDIS).
PREREQUISITE	Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
CERTIFICATION (APPROVALS)	Ministry of Sea, Tourism, Transport and Development of the Republic of Croatia
DURATION	5 days
COURSE OBJECTIVE	Those who successfully complete this course should be able to demonstrate sufficient knowledge, skill and understanding of ECDIS navigation and electronic charts to undertake the duties of a navigational watch officer defined by STCW Code, as amended. This knowledge, skill and understanding should include Column 1 ECDIS competencies of Tables A-II, but is not limited to: • Knowledge of the capability and limitations of ECDIS operations, and all indicated sub-topics • Proficiency in operation, interpretation, and analysis of information obtained from ECDIS, and all indicated sub-topics • Management of operational procedures, system files and data, and all indicated sub-topics
REMARKS	Upon successful completion of the course, the trainee will receive a course completion document for Electronic Chart Display and Information System (ECDIS). Wärtsilä (Transas) ECDIS is used for this training.

Test

Marlins Online English Test

MARLINS ONLINE ENGLISH TEST

COURSE CODE	MARLINS
COURSE CATEGORY	Test
SCOPE	The test is endorsed by the International Shipping Federation and forms the basis of English language requirements for a number of international maritime flag authorities, cruise lines and oil majors.
PREREQUISITE	Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
CERTIFICATION (Approvals)	Approved Marlins Test center
DURATION	1 day
COURSE OBJECTIVE	Assessment of English language proficiency.
COURSE CONTENT	The Marlins English Language Tests are taken online and it's created for seafarers of all kind of nationality. There are different categories of questions as listening, vocabulary, grammar, time and numbers and pronunciation, to test the knowledge (technical and non) of the English language. In total, the test includes 6 sections of 85 questions. All questions are selected randomly from the task database. There are three different English Language Tests targeted at specific industries. • Seafarers • Cruise Ship Staff • Offshore workers
REMARKS	Upon completion of the test the attendee wil receive Marlins approved test center certificate

SIMULATOR COURSES

Bridge Team Management
Ship Manoeuvring and Handling
Bridge Watchkeeping and Collision Avoidance
Bridge Procedures Course
Voyage Planning (ECDIS)
COLREG and their practical application
Navigational Competency Evaluation Program
Liquid Cargo Handling Simulator Course
Engine Room Management Simulation Course

BRIDGE TEAM MANAGEMENT

COURSE CODE

BTM

COURSE CATEGORY

Simulator Course

SCOPE

This course covers the training recommended in the IMO Model Course 1.22 “Ship Simulator and Bridge Teamwork”, TMSA3 5.4.4, and meets the principles of Bridge Team Management laid down in sections A-II/1 (Table: Navigation at the Operational Level as applicable), A-II/2 (Table: Navigation at the Management Level as applicable), A-VIII/2 (Part 4-1) and B-VIII/2 (Part 4-1) of the International Convention on Standard of Training, Certification and Watchkeeping for Seafarers, as amended.

The course is aimed at Officers of the navigational watch (operational level), Chief Officers and Masters (management level) sailing on various ship´s types. The course can be tailored to individual needs e.g. using Company specific checklists and procedures, for candidates sailing on vessels trading in specific sea areas with dense traffic and restricted water etc.

PREREQUISITE

The candidates must be holders of certificates satisfying the requirements of Regulation II/1 and II/2 of the STCW Convention or appropriate diploma. They shall also previously complete radar observation and plotting course as per IMO model Course 1.07.
Identification card or passport

TRAINING LOCATION

Trpimirova 2/10 Rijeka, Croatia

COURSE CONTENT

- Introduction and Watch keeping principles
- Familiarizations with the simulator and bridge equipment
- Effective team situational awareness control
- Effective team communication
- Human Element
- Voyage planning
- Crisis Management
- Emergency situations
- Working with Pilot

DURATION

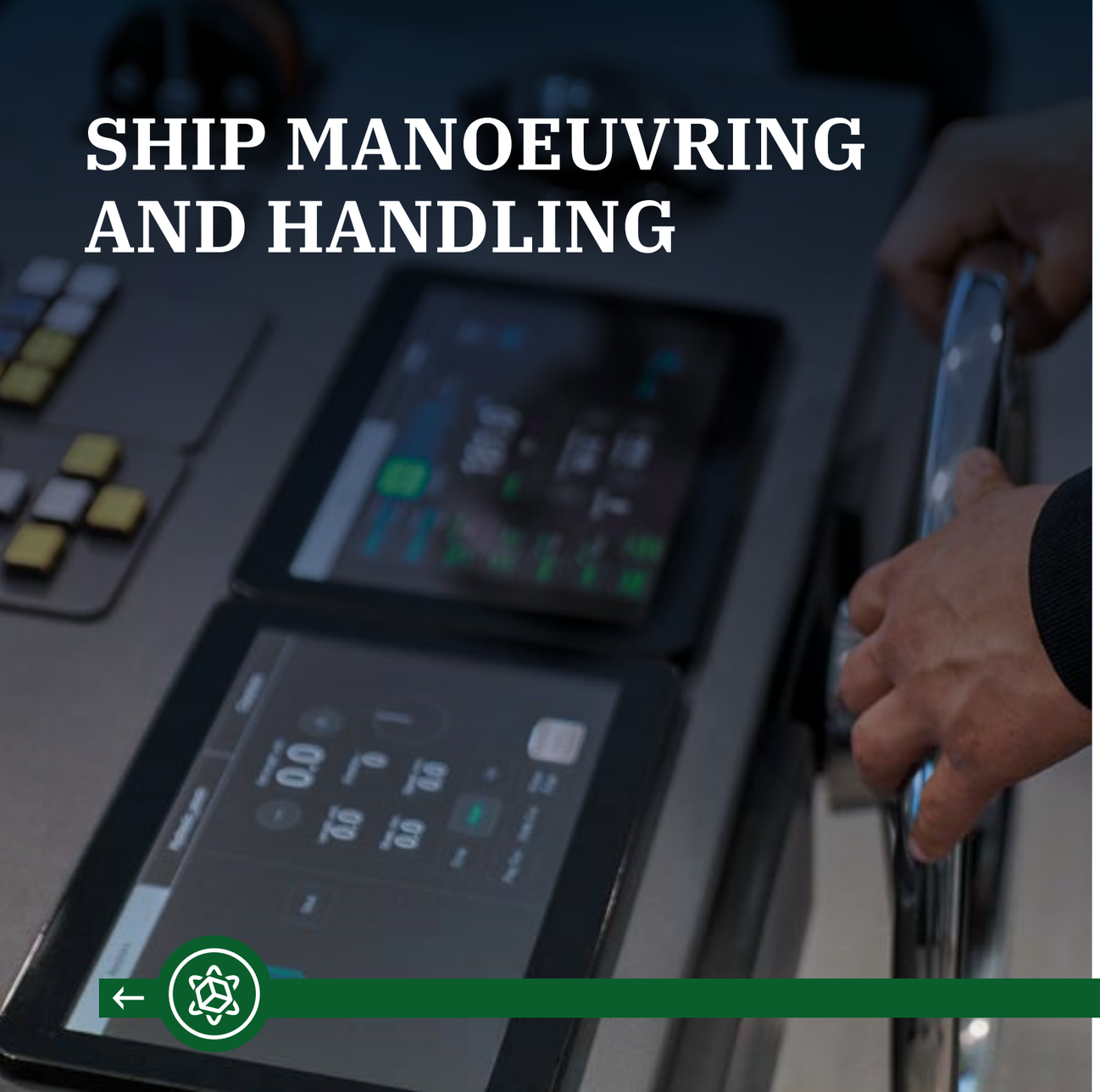
4 days

COURSE OBJECTIVE

The objectives of this course are to motivate the participants and to support a change of attitude and increased knowledge about human and technical resources in an operational maritime environment. This includes understanding of the importance of good management and teamwork and the willingness to change behaviour to accomplish or achieve the established goals of safety and efficiency.
The trainees who successfully complete the course should be able to successfully demonstrate their competence to maintain a safe navigational watch at both management and operational level, in particular their knowledge of bridge team principles.

REMARKS

Upon successful completion of the course, the trainee will receive a Bridge Team Management course certificate. Full Mission Navigational Bridge Simulator Transas/Wartsila Navi-Trainer Pro 5000 is used for this training.



SHIP MANOEUVRING AND HANDLING

COURSE CODE

SMAH

COURSE CATEGORY

Simulator Course

SCOPE

This course covers the training recommended in the IMO Model Course 1.22 “Ship Simulator and Bridge Teamwork”, IMO Model Course 7.01 “Master and Chief Mate” (1.10), TMSA3 5.3.2 and fulfils the training requirement for Navigating officers, specified in section A-II/1 (Table: Navigation at the Operational Level as applicable) and A-II/2 (Table: Navigation at the Management Level as applicable) of STCW Code concerning manoeuvring and handling a ship in various conditions, describing the knowledge, understanding and proficiency required by a person who is responsible for a ships manoeuvring.

PREREQUISITE

The candidates must be holders of certificates satisfying the requirements of Regulation II/1 and/or II/2 of the STCW Convention or appropriate diploma. They shall also previously complete radar observation and plotting course as per IMO model Course 1.07.
Identification card or passport

TRAINING LOCATION

Trpimirova 2/10 Rijeka, Croatia

COURSE CONTENT

- Introduction and review of basic principles
- Familiarizations with the simulator and bridge equipment
- Turning circle and stopping distances
- Wind and current effects on ship handling
- Ship squat and shallow-water effects
- Bank, channel and interaction effects
- Anchoring
- In harbour ship handling
- Ship handling in following, head and countering seas
- Man Over Board

DURATION

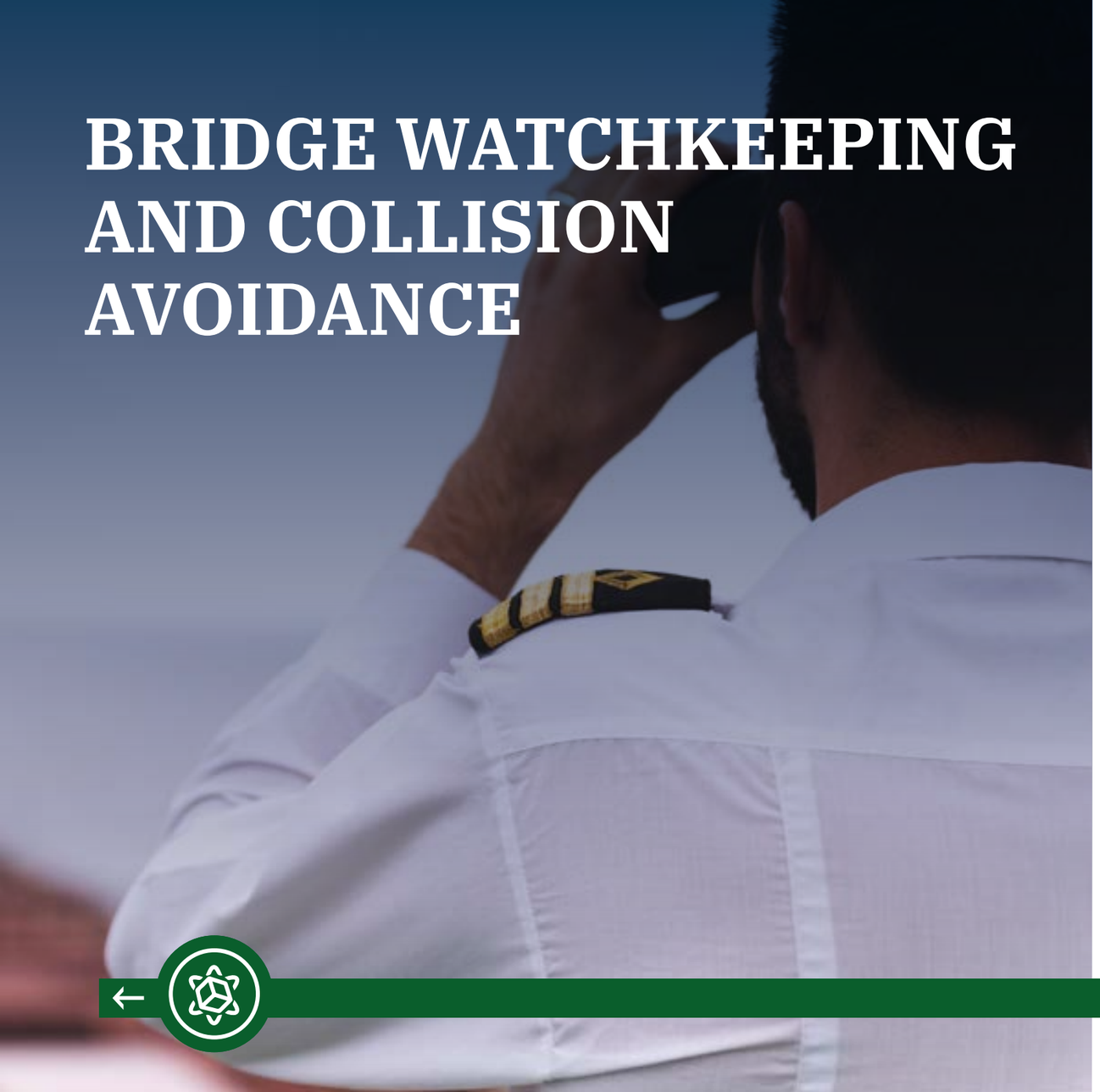
3 days

COURSE OBJECTIVE

The trainees who successfully complete this course shall:
- understand the specific manoeuvre abilities of ships;
- gain familiarization with the use of engines and helm for ship manoeuvring;
- gain understanding in ship-handling primarily in congested waters and difficult weather conditions, manoeuvring at slow speed, passing through channels and fairways taking into account the influence of external factors,
- gain understanding of anchoring and weighing anchor;
- gain understanding on use of thrusters and use of tugs;
- gain understanding of mooring operations in ports and on high seas.

REMARKS

Upon successful completion of the course, the trainee will receive a Ship Manoeuvring and Handling course certificate. Full Mission Navigational Bridge Simulator Transas/Wartsila Navi-Trainer Pro 5000 is used for this training.



BRIDGE WATCHKEEPING AND COLLISION AVOIDANCE

COURSE CODE

BWCA

COURSE CATEGORY

Simulator Course

SCOPE

This course meets the requirements laid down in the in the sections A-II/I (Table: Navigation at the Operational Level as applicable), A-VIII/2 (Part 4-1) and B-VIII/2 (Part 4-1) of the IMO International Convention on Standard of Training, Certification and Watchkeeping for Seafarers, as amended. The course is aimed at Officers of the navigational watch (operational level) sailing on various ship´s types. The course can be tailored to individual needs e.g. using Company specific checklists and procedures.

PREREQUISITE

The candidates must be holders of certificates satisfying the requirements of Regulation II/1 or II/2 of the STCW Convention or appropriate diploma. They shall also previously complete radar observation and plotting course as per IMO model Course 1.07.
Identification card or passport

TRAINING LOCATION

Trpimirova 2/10 Rijeka, Croatia

COURSE CONTENT

- Duties and responsibilities of OOW
- Taking over bridge navigational watch
- Bridge watch composition
- BRM – basics
- Situational awareness
- Coastal navigation
- Ocean navigation
- Navigation in adverse weather
- Navigation in restricted visibility
- Navigation with pilot
- COLREG and IALA

DURATION

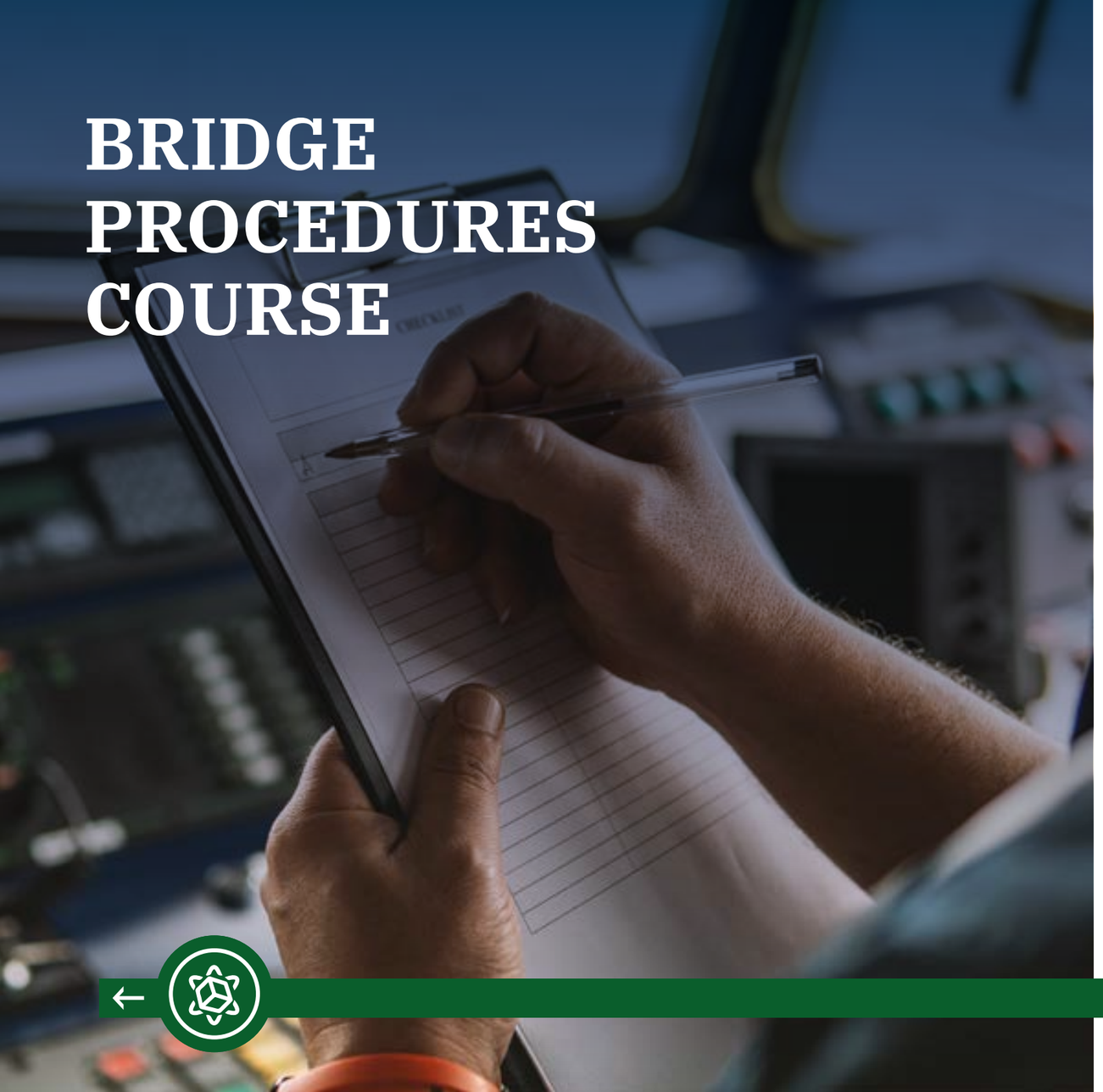
3 days

COURSE OBJECTIVE

The course aim is for the watchkeeping officer to develop and discuss key aspects of watchkeeping; the focus is on delivery of pragmatic techniques and best-practice that will benefit mariners and improve watchkeeping standards. Additionally, there is discussion of key areas of the COLREG.
Upon completion of the course, participants should be able to gain thorough understanding on the Basic Principles to be observed in keeping a Navigational Watch, particularly on collision regulation and consequently practice and apply know-how in performing navigational watch in a simulated environment.

REMARKS

Upon successful completion of the course, the trainee will receive
a Bridge Watchkeeping and Collision Avoidance course certificate.



BRIDGE PROCEDURES COURSE

COURSE CODE	BPC
COURSE CATEGORY	Simulator Course
SCOPE	This course meets the requirements laid down in the in the sections A-II/I (Table: Navigation at the Operational Level as applicable), A-VIII/2 (Part 4-1) and B-VIII/2 (Part 4-1) of the IMO International Convention on Standard of Training, Certification and Watchkeeping for Seafarers, as amended. The course is aimed at Officers of the navigational watch (operational level) sailing on various ship´s types. The course is tailored to suit individual company requirements using Company specific checklists and procedures.
PREREQUISITE	The candidates must be holders of certificates satisfying the requirements of Regulation II/1 or II/2 of the STCW Convention. They shall also previously complete an approved ECDIS and BTM course. Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
COURSE CONTENT	• Taking over bridge navigational watch • Duties and responsibilities of OOW • Bridge teamwork • Bridge management • Voyage planning • Emergency procedures • Working with pilot
DURATION	2 days
COURSE OBJECTIVE	This advanced course on bridge procedures is for Companies who wish to use their own fleet procedures to develop their bridge teams beyond the current requirements. Aim is to put teams under controlled pressure ensuring that they have to revert to using the basics for navigation and working as an effective team. The course is tailored to suit individual Company requirements for the specific team they wish to train. The Course Aim is to to cement already established bridge procedures within bridge team roles.
REMARKS	Upon successful completion of the course, the trainee will receive a Bridge Procedures course certificate. Full Mission Navigational Bridge Simulator Transas/Wartsila Navi-Trainer Pro 5000 is used for this training.

VOYAGE PLANNING (ECDIS)

COURSE CODE	VP
COURSE CATEGORY	Simulator Course
SCOPE	This course meets the requirements laid down in the in the sections A-II/I (Table: Navigation at the Operational Level as applicable), A-VIII/2 (Part 2) and B-VIII/2 (Part 2) of the IMO International Convention on Standard of Training, Certification and Watchkeeping for Seafarers, as amended. This course also takes into account the guidelines and recommendations contained in IMO Resolution A893 (21) Guidelines for Voyage Planning, and provide best practice techniques and quidance in ECDIS voyage planning. The course is aimed at Officers of the navigational watch (operational level) sailing on various ship´s types. The course is tailored to suit individual company requirements using Company specific checklists and procedures.
PREREQUISITE	The candidates must be holders of certificates satisfying the requirements of Regulation II/1 or II/2 of the STCW Convention or appropriate diploma. They shall also previously complete an approved ECDIS and BTM course. Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
COURSE CONTENT	• Appraising the passage • Planning the passage • Executing and monitoring the passage plan
DURATION	2 days
COURSE OBJECTIVE	This advanced course on voyage planning is for Companies who wish to use their own fleet procedures to develop their navigating officers beyond the current requirements and thus contribute towards safer ships and more effective bridge team. The course is tailored to suit individual Company requirements for the specific team they wish to train. During the course the attendees will produce a safe and effective berth to berth passage plan that accounts for all possibilities and eventualities. Attendees who complete this course will gain a comprehensive understanding of the theory and practice of voyage planning and also learn to utilize and maximize the use of electronic navigational aids.
REMARKS	Upon successful completion of the course, the trainee will receive Voyage planning course certificate. Full Mission Navigational Bridge Simulator Transas/Wartsila Navi-Trainer Pro 5000 is used for this training.

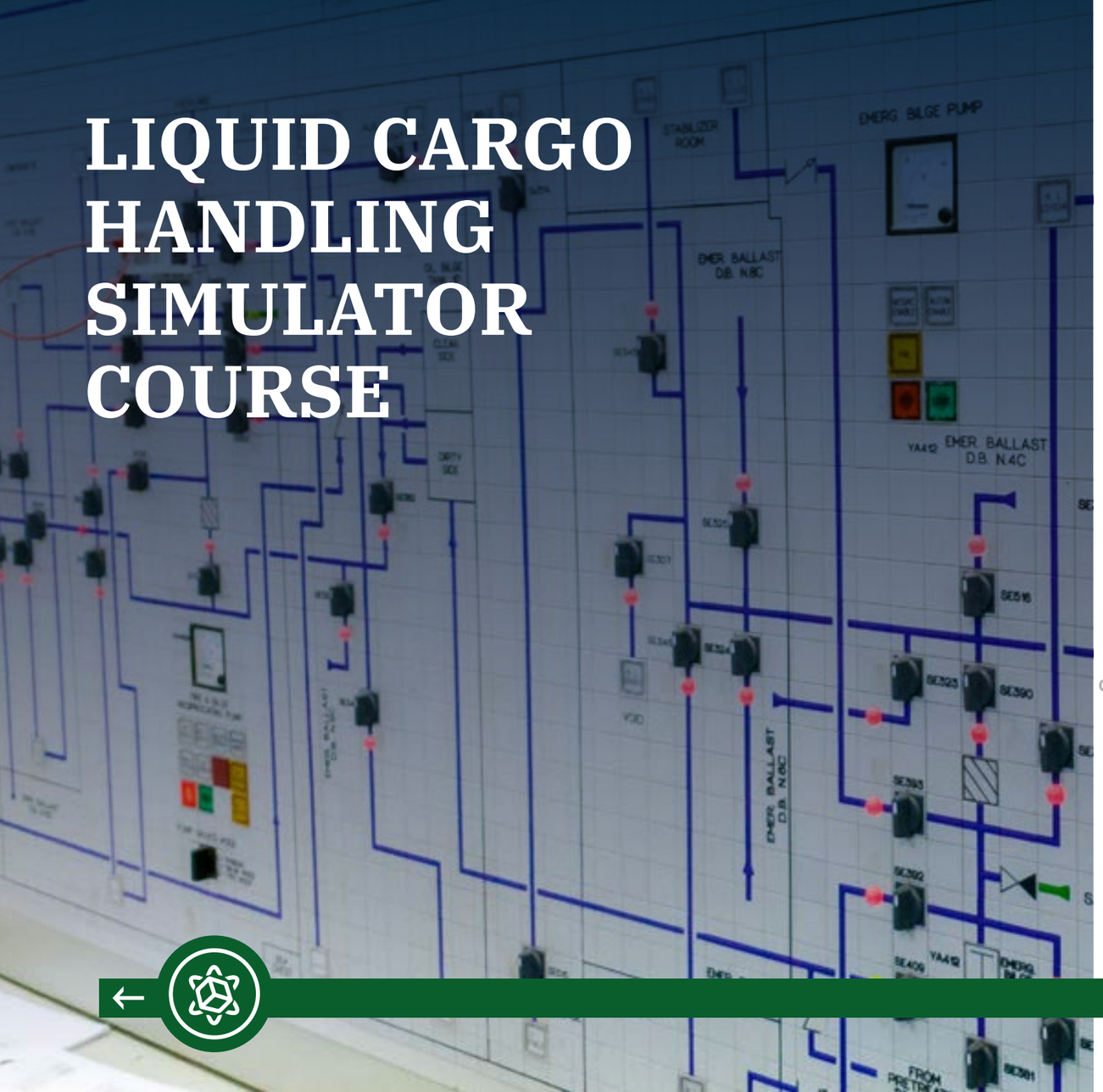
COLREG AND THEIR PRACTICAL APPLICATION

COURSE CODE	CTPA
COURSE CATEGORY	Simulator Course
SCOPE	The course provides refresher training and practical comprehensive guidance to Officers in Charge of Navigational Watch for the correct interpretation and competent application of Collision Regulations 1972. This course meets the requirements laid down in the in the sections A-II/I (Table: Navigation at the Operational Level as applicable), A-VIII/2 (Part 4-1) and B-VIII/2 (Part 4-1) of the IMO International Convention on Standard of Training, Certification and Watchkeeping for Seafarers, as amended. The course is aimed at Officers of the navigational watch (operational level) sailing on various ship ´s types.
PREREQUISITE	The candidates must be holders of certificates satisfying the requirements of Regulation II/1 or II/2 of the STCW Convention or appropriate diploma. They shall also previously complete radar observation and plotting course as per IMO model Course 1.07. Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
COURSE CONTENT	• Part A – General; • Part B – Steering and sailing; • Part C – Lights and shapes; • Part D -Sound and light signals; • Part E – Exemptions; • Part F – Verification of compliance with the provisions of the Convention. • Annexes
DURATION	1 day
COURSE OBJECTIVE	This course is designed to provide interpretation of the essence of each rule in the COLREGS and how these rules are to be applied to ensure safe navigation of the ship at all times. Those successfully completing this course shall be able to demonstrate a thorough understanding and demonstrate skills in compliance with COLREG ’72.
REMARKS	Upon successful completion of the course, the trainee will receive a COLREG And Their Practical Application Course Certificate. Full Mission Navigational Bridge Simulator Transas/Wartsila Navi-Trainer Pro 5000 is used for this training.

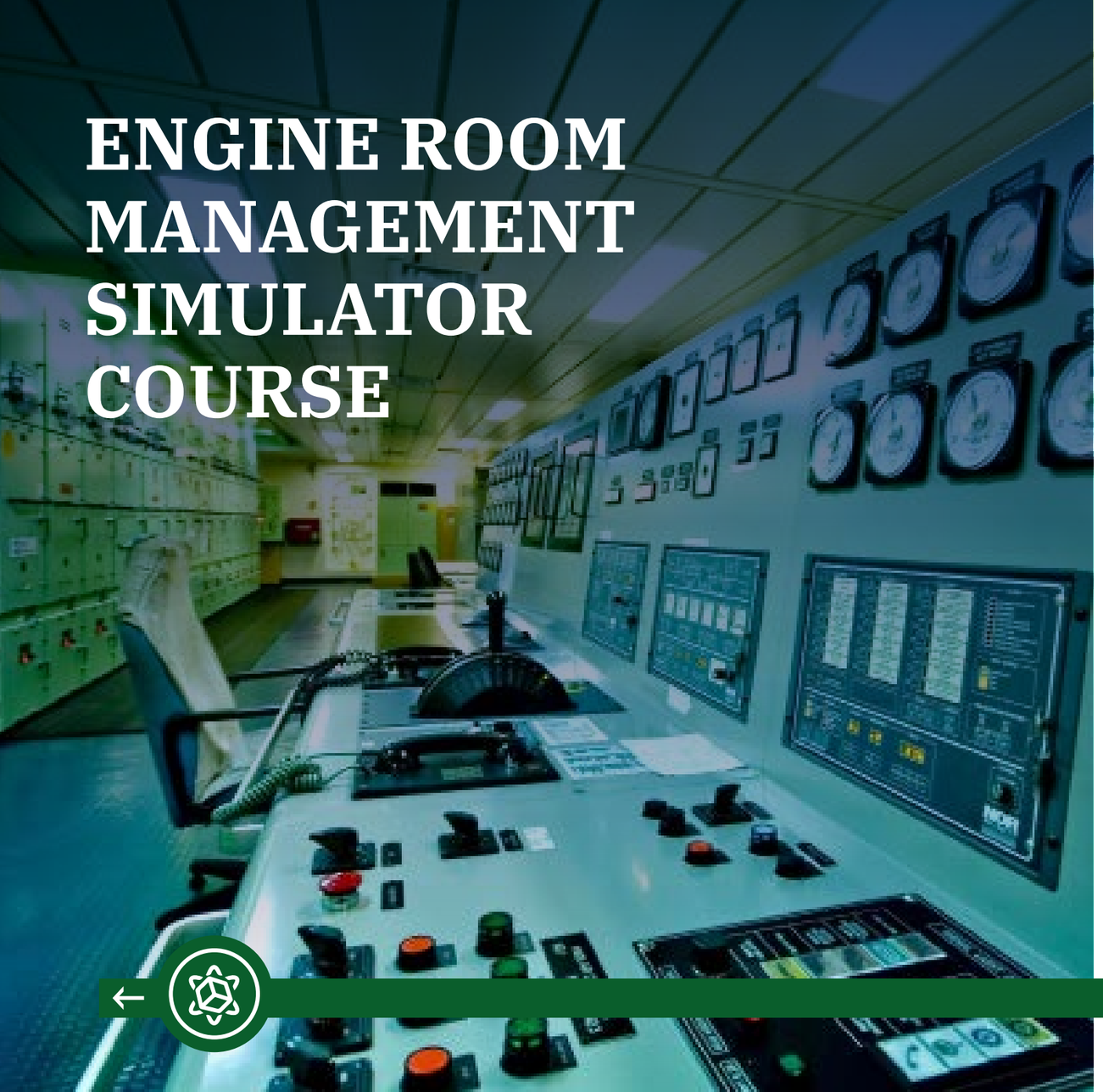
NAVIGATIONAL COMPETENCY EVALUATION PROGRAM

COURSE CODE	NCEP
COURSE CATEGORY	Simulator Course
SCOPE	This course will comply with the requirements laid down in the in the sections A-II/1 (Table: Navigation at the Operational Level as applicable), A-II/2 (Table: Navigation at the Management Level as applicable), A-VIII/2 (Part 4-1) and B-VIII/2 (Part 4-1) of the IMO International Convention on Standard of Training, Certification and Watchkeeping for Seafarers (as amended), ISM Code and TMSA3 5.4.3. The scope of the program is to highlight the candidate areas of strength and weaknesses. The course is aimed at Officers of the navigational watch (operational level), Chief Officers and Masters (management level) sailing on various ship ´s types. The course is tailored to suit individual company requirements using Company specific checklists and procedures.
PREREQUISITE	The candidates must be holders of certificates satisfying the requirements of Regulation II/1 and II/2 of the STCW Convention or appropriate diploma. They shall also previously complete radar observation and plotting course as per IMO model Course 1.07. Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
COURSE CONTENT	• NCEP is a set of simulator-based assessments, focused on practical navigational knowledge. • The scenarios are created using elements and challenges that mariners encounter in the real world—shoals, aids to navigation, traffic, weather, currents, shiphandling, bridge team management, communication, and vessel traffic systems—all of which are integrated into the appropriate regulatory framework of navigation rules, shipboard management systems, and company policies and procedures.
DURATION	2 days
COURSE OBJECTIVE	The objective of the Navigation Competency Evaluation Program is to reduce maritime incidents by addressing mariner competency and knowledge and use of technology. At the conclusion of the NCEP session a comprehensive report is provided to the company which can be used to determine the allocation of resources to improve specific competencies or mitigate specific risks. The Navigation Competency Evaluation Program is a risk-based measurement tool to evaluate a mariner's performance in the simulator, focused specifically on the core competency required of licensed deck officers as defined by international standards and industry best practices. Each session uses realistic scenario-based exercises geared toward each company's principles and is evaluated by trained and qualified subject matter experts. At the conclusion of the session the participant is debriefed by the facilitator. The debrief provides an opportunity for the participant to discuss his/her performance with the facilitator and for the facilitator to provide guidance to improve and enhance the participant's navigational competencies.
REMARKS	Upon successful completion of the course, the trainee will receive a Navigational competency evaluation program course certificate. Full Mission Navigational Bridge Simulator Transas/Wartsila Navi-Trainer Pro 5000 is used for this training.

LIQUID CARGO HANDLING SIMULATOR COURSE



COURSE CODE	LCHSC
COURSE CATEGORY	Simulator Course
SCOPE	This course covers the training recommended in Sections A-V/1-1 “Mandatory minimum requirements for the training and qualifications of masters, officers and ratings on oil and chemical tankers” and A-V/1-2 “Mandatory minimum requirements for the training and qualifications of masters, officers and ratings on liquefied gas tankers” of the International Convention on Standard of Training, Certification and Watchkeeping for Seafarers, as amended, and TMSA3 6.4.1. The course also covers following legislation: • IMO Model course 2.06 “Oil Tanker Cargo and Ballast Handling Simulator” • IMO Model course 1.36 “LNG Tanker Cargo and Ballast Handling Simulator” • IMO Model course 1.37 “Chemical Tanker Cargo and Ballast Handling Simulator” • IMO Model course 1.02 “Specialized Training for Oil Tankers” • IMO Model course 1.04 “Specialized Training for Chemical Tankers” • IMO Model course 1.06 “Specialized Training for Liquefied Gas Tankers” The course is aimed at Masters/Chief engineers, deck and engine officer (operational and management level) sailing on tankers. The course can be tailored to individual needs e.g. using Company specific checklists and procedures, for candidates sailing on different type of tankers.
PREREQUISITE	• The candidates must be holders of certificates satisfying the requirements of Regulation II/1 and/or II/2 of the STCW Convention or appropriate diploma. Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
COURSE CONTENT	• Familiarisation with physical and chemical properties of oil cargoes • Safe performance and monitoring of all cargo operations • Hazards on oil tankers • Occupational Health and Safety Precautions • Respond to emergencies • Pollution prevention – MARPOL
CERTIFICATION (APPROVALS)	—
DURATION	4 days
COURSE OBJECTIVE	The liquid cargo handling simulator course provides training for masters, officers and any person with immediate responsibility for cargo operations, tank cleaning operations, gasfreeing operations and care of cargo in transit. The liquid cargo handling simulator course provides real time simulation of the process flow control system used in the storage and transfer of hazardous bulk liquid cargoes from shore to ship, ship to shore and ship to ship, if required. The simulator course is used to provide cargo operatives realistic training, from introductory schooling through to problem solving exercises, systems design and operation research. On completion of this simulator course, the candidates should gain competence requirements in the following areas: planning and monitoring the loading, care during the loaded voyage, and the discharge of bulk liquid cargoes; ensuring compliance with pollution prevention requirements; and maintaining the seaworthiness of the vessel with respect to stability stress and trim requirements.
REMARKS	Upon successful completion of the course, the trainee will receive The liquid cargo handling simulator course certificate. Kongsberg K-SIM Cargo Handling Simulator is used for this training.



ENGINE ROOM MANAGEMENT SIMULATOR COURSE

COURSE CODE	ERS
COURSE CATEGORY	Simulator Course
SCOPE	This course covers the training recommended in the IMO Model Course 2.07 "Engine Room Simulator", and meets guidelines for training using an engine room simulator specified as one method of demonstrating competence in Column 3 of the tables A-III/1, A-III/2, A-III/4, A-III/6 and A-III/7, except the Function "Controlling the operation of the ship and care for the persons on board at the operational/management level. The exercises, supervised by an instructor, will initially allow the trainees to become familiar with the machinery and controls used in engine room. Furthermore, the trainees should become skilled in scanning of instrument displays when assesing the normal operations conditions of a propulsion plant. The course is essentially a practical one, consisting of a series of exercises structured around the operation of a ship's machinery installation and carried out in conjuction with an engine room simulator. During the series of exercises each student will assume different roles in the engineering watchkeeping team, and shall have more than one opportunity to take on the part of the engineer in charge of the watch.
PREREQUISITE	Entry to the course is open to trainees with basic background and knowledge of engine room machinery and to marine engineers who wish to improve their knowledge and understanding of the operation of engine room machinery. Identification card or passport
TRAINING LOCATION	Trpimirova 2/10 Rijeka, Croatia
COURSE CONTENT	• Operation of plant/machinery • Maintain a safe engineering watch • Operate/manage electrical, electronic and control systems/equipment • Plan and schedule operations • Operation/surveillance/performance assessment and maintaining safety of propulsion plant and auxiliary machinery • Detect/identify the cause of machinery malfuncions and correcting faults • Exercises
DURATION	5 days
COURSE OBJECTIVE	To provide knowledge and skills related to operation, supervising and monitoring the safe operation and control of ship's machinery in accordance with tables A-III/1, A-III/2, A-III/4, A-III/6 and A-III/7 of the STCW Code. In particular, the trainees will be able to have: - Familiarization with the use of instrumentation and controls used in the engine room - An awareness of the need for proper pre-planning and the use of checklists involved in starting up propulsion plant machinery - Experience in identifying operational problems and troubleshooting - The ability of logical decision making which promotes operational safety
REMARKS	Upon successful completion of the course, the trainee will receive a Engine Room Simulator course certificate. Engine Room Simulator Transas/Wartsila 5000 TechSim is used for this training.

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