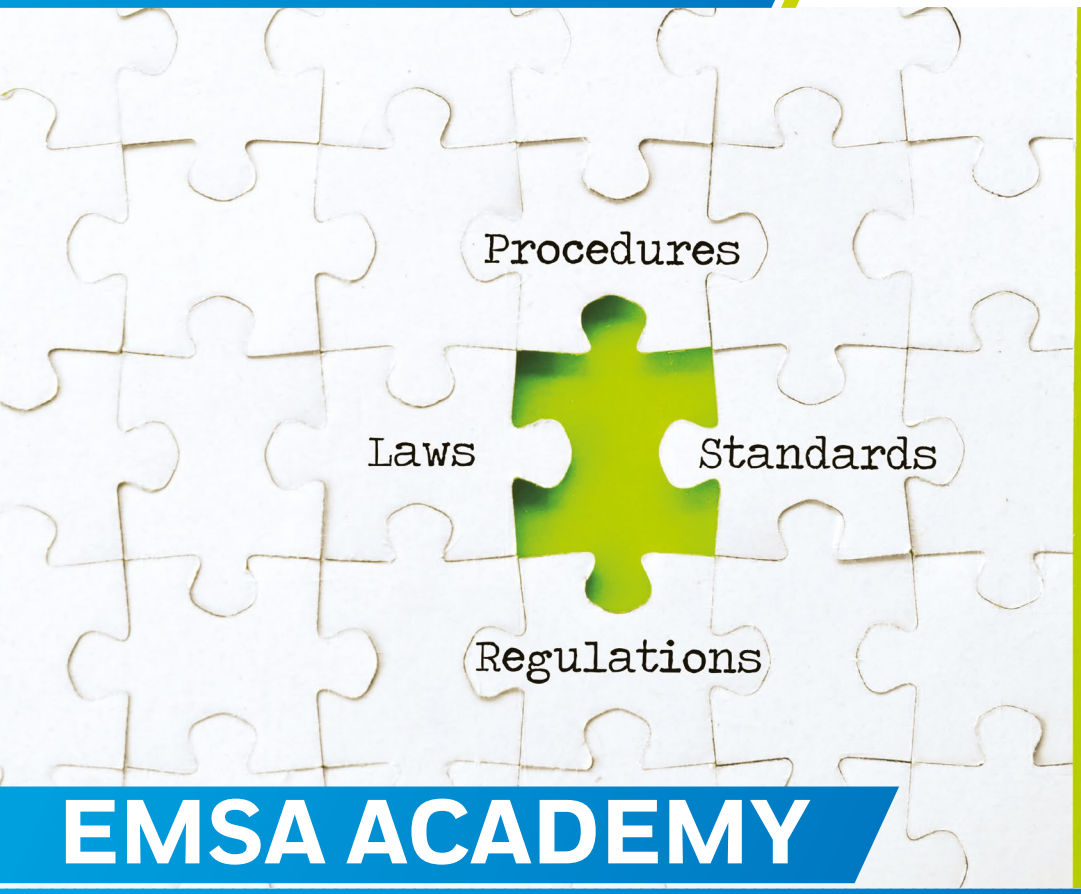
European Maritime Safety Agency



EMSA ACADEMY LEARNING SERVICES CATALOGUE 2025

EMSA

THE EMSA ACADEMY

Training has been from the outset a core task of EMSA. Its founding Regulation requires the Agency to work with the Member States and organise relevant training activities in fields which are the responsibility of the Member States. In addition upon the request of the Commission, provide technical assistance, including the organization of relevant training activities, as regards relevant legal acts of the Union, to States applying for accession to the Union, and, where applicable, to European Neighbourhood partner countries and to countries taking part in the Paris MoU. The overall goal of the training provided by EMSA is to build capacity at national level, to foster cooperation and to disseminate best practices, thus achieving optimal and uniform implementation of maritime legislation and ensuring a level playing field.

Competent authorities (in the EU and beyond) are often faced with an extensive and increasing range of obligations stemming from a vast and continuously growing regulatory framework, which they need to implement in their capacity as flag, port and coastal States; the appropriate implementation is to a large extent dependent on the knowledge and skills of their staff, and their ability to perform duties related to more than one job or professional profile. Notably, qualifications for these critical roles are not (often) part of formal academic education. States are therefore put in the position where they are required to develop and deliver costly national training programmes for newly recruited personnel before they take up their duties or for further skill development of existing staff. Due to the time and resource pressures often imposed on States in the assigning of duties to staff, sometimes training courses restrictively focused on the content and interpretation of legal acts, thus lacking opportunities for learners to develop skills from practice and experiential learning.

In pursuit of this goal, the EMSA Academy has been established in order to design, develop and deliver learning services outside formal education in the maritime domain to all beneficiary organizations and individuals working in them. Beneficiary organizations come from the EU Member States and countries in the European Economic Area (EEA), the European neighbouring countries, the EU candidate and potential candidate countries, EU and non-EU States members of the Paris MoU and any other third country for which the Agency has been requested by the European Commission to provide technical assistance.

EMSA ACADEMY ACTIVITIES

The EMSA Academy aims to become an EU-wide and global centre of excellence for the design, development and delivery of quality learning services outside formal education in the maritime domain. The EMSA Academy supports the acquisition and development of knowledge, skills and competencies through teaching and learning and by adopting curricula and professional development pathways to satisfy learning needs and expectations of beneficiary individuals and organizations.

The reference standard used to develop and implement relevant processes for the Agency's training and capacity building activities, is ISO 29993:2017 and based on this standard the EMSA Academy Management System (AMS) has been developed and is implemented as the reference framework for all the training and capacity building activities that the Agency offers to its beneficiaries.

EMSA Academy has been certified by TÜV Rheinland Portugal for the design, development and delivery of learning services outside formal education in the maritime domain as per ISO 29993:2017

The needs of the beneficiaries for new training or modification of the existing courses is identified through a structured Training Need Analysis (TNA), thus using a bottom-up approach, whilst a process for Curriculum Development and Design is applied for all learning services offered by the Agency. Teaching and learning activities for delivery are guided by the educational philosophy and approach of the EMSA Academy, following the principle that intended learning outcomes, assessment tasks and teaching and learning activities are aligned with each other to facilitate the achievement of the learning outcomes. Finally, the feedback provided by the participants through the Evaluation and Review methodology foreseen by the quality management system strives for continuously improved services.

THE LEARNING SERVICES OF THE EMSA ACADEMY

Given the variety of EMSA's beneficiary organizations and the Agency itself as well as the necessity of ensuring that a wide array of learners have access to learning contents and activities, the Academy has adopted blended learning as its delivery approach. Blended learning entails a combination of face-to-face (traditional) and online instruction (synchronous and asynchronous).

The type of learning services offered by the Academy can be grouped as follows

- Common Core Curricula (CCC): A consistent set of learning activities designed to meet defined learning objectives and learning outcomes, and leading to certification verifying achievement of learning outcomes, and the demonstration of knowledge and specific skills for relevant job profiles (PSC, Sulphur Inspectors, FSI, AI, Auditors, etc.). They are delivered on a blended mode (presential, online synchronous and asynchronous) and enriched with realistic scenarios using VRESI. Their duration varies, but as a principle each participant will need to devote, on average, up to 2 hours per day (Monday to Thursday or Friday) over a number of non-consecutive weeks. An EMSA Academy certificate is provided verifying achievement of learning outcomes, participation, and the demonstration of knowledge and specific skills on the basis of pre-defined thresholds (per CCC). A certificate of attendance is delivered attesting only participation if thresholds are not met.

- Part time courses: A consistent set of learning activities designed to meet defined learning objectives and learning outcomes, and leading to certification verifying achievement of learning outcomes, and the demonstration of knowledge related to the course outline. They are delivered on PART-TIME basis and each participant will need to devote, on average, up to 2 hours per day (Monday to Friday) for the duration of the course which can be from 2 to 18 weeks. These courses could be divided into several paths, with a mandatory "Introduction" module. The participants can opt to follow any of the paths or all of them. An EMSA Academy certificate is provided verifying achievement of learning outcomes, participation, and the demonstration of knowledge and specific skills on the basis of pre-defined thresholds (per PTOC). A certificate of attendance is delivered attesting only participation if thresholds are not met.

- Short courses: Designed to cater the requirements of a specific legal act (EU or International) or of a maritime application developed by EMSA on the basis of defined learning objectives and learning outcomes and leading to certification verifying achievement of learning outcomes, and the demonstration of knowledge and/ or specific skills. These courses are delivered either in a presential form or on a live synchronous mode and their duration does not exceed 4 days. An EMSA Academy certificate is provided verifying achievement of learning outcomes, participation, and the demonstration of knowledge and specific skills on the basis of pre-defined thresholds (per SC). A certificate of attendance is delivered attesting only participation if thresholds are not met.

- Awareness sessions: info days, normally addressing the users of maritime applications developed by EMSA. They do not follow the principles of the EMSA Academy on design and development and participants are not assessed against pre-defined learning objectives and learning outcomes. A certificate of attendance is delivered if the participant attends the entire session and submits the post course evaluation form.

Learning Services offered by the Academy cover a wide range of areas of maritime safety, sustainability, technical assistance, surveillance and digital services.

THE LEARNING TOOLS OF THE ACADEMY

The Academy is supported by state-of-the-art technology. An eLaboratory that is used to produce media contents for innovative training activities as well as delivering online trainings and webinars has been established. It is a 44 sq./m multimedia room insulated from acoustic and light noise with walls felt isolation, acoustic foam absorbers and electrical blackout opaque blinds. It is equipped with an innovative 12 m2 4k curved screen, high-tech and state-of-art technologies and equipment a fully-fledged chroma-key stage, 4k video cameras, and an integrated audio system. In principle, it enables trainers to develop more elaborated and engaging content which is key for successful online learning activities.

The Maritime Knowledge Centre (MaKCs), where trainers and trainees using a world-wide used and recognised learning management system (LMS), Moodle, engage in innovative online and blended learning experiences, which includes interactive contents, live meetings, synchronous and asynchronous learning activities, whilst monitoring and supervising participants' completion of tasks and coursework is ensured.

The Virtual Reality Environment for Ship Inspection (VRESI), a state-of-art simulator which build realistic, immersive and configurable spaces where trainees perform ship inspections in a safe and controlled environment. Users connect to the platform from anywhere through internet, by either wearing their VR goggles or by using a normal computer. VRESI allows EMSA and the learners to obtain first-hand experience on a wide variety of ship types, bypassing the problem of finding available ships in port to perform a collective inspection.

THE LEARNING SERVICES CATALOGUE

The present catalogue indicates the Learning services that will be developed and delivered during 2025.

The catalogue will be updated every six months or whenever a learning service has been revised or whenever a new service has been developed.

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CATALOGUE OF LEARNING SERVICES

COMMON CORE CURRICULA

TITLE	**COMMON CORE CURRICULUM FOR FLAG STATE INSPECTORS (BASIC LEVEL)**
DURATION	116 hours over 20 consecutive and non-consecutive weeks + 2-day in-person session
AUDIENCE	Personnel from the relevant administrations who are or are intended to be Flag State Inspectors performing periodic inspection of ships to verify that the actual condition of the ship and its crew is in conformity with the certificates it carries.

COURSE AIM

This curriculum is designed to develop the necessary individual competencies for carrying out duties associated with the inspection of ships for compliance with the relevant international and EU-level instruments by flag States. It aims to provide learners with the opportunity to develop the knowledge, skills and attitudes required to carry out inspections professionally, efficiently and effectively and to the required standards established by law and benchmarked industry practice. The curriculum is therefore targeted at individuals at different stages of professional development as flag State inspectors in the EU, from entry level to advanced learners.

COURSE STRUCTURE

The course is offered in a blended format (i.e combination of online synchronous and asynchronous activities) + 2-day in-person session in EMSA.

COURSE CONTENT

The Basic Level consists of the following Phases:

Phase 1

- Shipping;
- The concept of flag State inspection;
- Ship's features and ship's familiarisation;
- Inspection and Survey.

Phase 2

- SOLAS, LL, Tonnage, and COLREG;
- Radio Communication and Navigational Equipment;
- Environment;
- MLC and STCW;
- Certificates and Documents.

Phase 3

- Tools and Equipment;
- Resource Management;
- Health and Safety at work.

TITLE	**COMMON CORE CURRICULUM FOR FLAG STATE INSPECTORS (INTERMEDIATE LEVEL)**
DURATION	39 hours over 5 non-consecutive weeks + 3-day in-person session.
AUDIENCE	Personnel from the relevant administrations working or on a regular basis as Flag State Inspectors or those who have completed the Basic Level.

COURSE AIM

This course is designed to develop the necessary individual competencies for carrying out duties associated with the inspection of ships to check for compliance with the relevant international and EU-level instruments by flag States. It aims to provide learners with the opportunity to develop the knowledge, skills and attitudes required to carry out inspections professionally, efficiently and effectively and to the required standards established by law and benchmarked industry practice. .The Intermediate Level covers more operational issues, focusing on the inspection process of the different ship areas. The Intermediate Level is advised for professionals that have already started working as Flag State Inspectors, or that have completed the Basic Level of the curriculum.

COURSE STRUCTURE

The course is offered in a blended format (i.e combination of online synchronous and asynchronous activities) + 3-day in-person session in EMSA.

COURSE CONTENT

The Intermediate Level consists of the following 8 Learning Areas:

- Communication (Unit 1) ;
- People Management, Supervision, and Leadership (Unit 2);
- Information and Data Management (Unit 3);
- Gathering Ship Information (Unit 4);
- Flag State actions and activities (Unit 5);
- Ship Inspection (Unit 6);
- Reporting and Logging (Unit 7);
- Strategy and Planning (Unit 8).

TITLE	**COMMON CORE CURRICULUM FOR SULPHUR INSPECTORS**
DURATION	67 hours over 7 consecutive and non-consecutive weeks + 2-day in-person session.
AUDIENCE	Personnel from the relevant administrations carrying out sampling, and inspections of ships to verify that the sulphur content of fuels used complies with defined IMO and EU-levels and will address the entire spectrum of associated knowledge, skills, and attitudes, including general legal and technical requirements, inspection techniques, fuel sampling and reporting practices in THETIS-EU.

COURSE AIM

This course is designed to develop the necessary individual competencies for carrying out duties associated with the inspection of ships for compliance with the international and EU instruments regarding the limits of sulphur in marine fuels (MARPOL Annex VI and the EU Sulphur Directive). It aims to provide learners with the opportunity to increase the knowledge, skills and attitudes required to carry out inspections professionally, efficiently and effectively and to the required standards established by law and benchmarked industry practice.

COURSE STRUCTURE

The course is offered in blended format (i.e. combination of online synchronous and asynchronous activities) +2-day in-person session at EMSA.

COURSE CONTENT

The course consists of 3 phases as follows:

Phase 1

- General, Legal and Technical Requirements;
- Preboarding;

Phase 2*

- Fuel Based and Abatement Methods;
- Sampling;
- Reporting and Logging;

Phase 3

- Communication and Professional Behaviour;
- Tools and Equipment Health and Safety at Work.

* Phase 2 includes an in-person session at EMSA

TITLE	**COMMON CORE CURRICULUM FOR PORT STATE CONTROL OFFICERS**
DURATION	For new entrants: 61 hours of study time + 4-day in-person session, for the refreshers: 29 hours of study time + 4-day in-person session.
AUDIENCE	New Entrant Port State Control Officers and experienced Port State Control Officers aiming to comply with the Professional Development Scheme as it is described by the Paris MoU training policy.

COURSE AIM

This curriculum is designed to develop the necessary individual competencies for carrying out duties associated with the inspection of ships to verify compliance with the relevant international instruments, EU-maritime legislation (when applicable) and adheres to the Paris MoU procedures. It aims to provide learners with the opportunity to develop the knowledge, skills and attitudes required to carry out inspections professionally, efficiently and effectively and to the required standards including those that derive from the Paris MoU Procedures. The curriculum is therefore targeted at individuals at different stages of professional development as Port State Control Officers in the Paris MoU working area, at a level over and above that of the competencies established in the Curriculum on Principles and Techniques for Flag State Inspections.

COURSE STRUCTURE

The course is offered in blended format (i.e. a combination of online synchronous and asynchronous activities) + 4 days in-person session in EMSA.

COURSE CONTENT

The course consists of 10 “learning areas”:

- International regulations;
- EU legislation;
- Paris MoU;
- EU/Paris MoU relationship;
- Paris MoU reporting;
- EU PSC reporting;
- RuleCheck;
- Paris MoU website;
- PSCO Manual;
- Inspection.

TITLE	**COMMON CORE CURRICULUM FOR SAFETY INVESTIGATORS**
DURATION	135 hours over 13 non-consecutive weeks
AUDIENCE	Accident investigators who conduct, or participate in marine safety investigations in accordance with Directive 2009/18/EC.

COURSE AIM

This course is designed to develop the necessary individual competencies for carrying out duties associated with the investigation of marine accidents. After the course the students shall be able to Identify the relevant legislation framework and know how to cooperate in an international setting and how to exhibit an impartial and ethically correct investigation behaviour. Following the course, the students shall be able to understand the relevance and key principles of accident investigation as well as its legislation boundaries. The curriculum is therefore targeted at individuals at different stages of professional development as accident investigators in the EU setting, from entry level to advanced learners.

COURSE STRUCTURE

The course is offered in blended format (i.e. combination of online synchronous and asynchronous activities).

COURSE CONTENT

The Common Core Curriculum consists of two maim stages: Foundational and Operational. It will cover:

- EMSA and its role in the accident investigation policy;
- Relevant EU and international legislation on accident investigation;
- Operational readiness and work process;
- Accident site assessment;
- Site hazard identification and risk assessment;
- Physical evidence collection ;
- Human element;
- Media handling;
- Witness interviewing and practical exercises;
- Evidence analysis;
- Developing Safety Recommendations and follow up;
- Safety reports;
- Classification of human element. Description of the models to understand human element and human element factors;
- Analysis methods: simple linear, complex linear and non-linear analysis models. Method selection;
- Report wording;
- Setup investigation reports;
- Safety recommendations and actions taken;
- Report consultation and publication;
- Relevant legal provisions and standards;
- How VDR & ECDIS work;
- Other electronic evidence;
- Practical issues when retrieving electronic evidence from AI perspective;
- VDR technical data, hardware examples and practice;
- ECDIS technical data, limitation, examples and practice;
- Final exercise on accident investigation.

TITLE	**COMMON CORE CURRICULUM FOR MARITIME AUDITORS**
DURATION	77 hours over 12 non-consecutive weeks + 2-day in-person session.
AUDIENCE	Personnel from the relevant maritime administrations responsible for verifying compliance with the requirements of the ISM and ISPS Codes and/or involved in Recognized Organizations (RO) monitoring and auditing activities.

COURSE AIM

This Common Core Curriculum is designed to develop the necessary individual skills & competencies for carrying out duties associated with:

- The verification of compliance with ISM and ISPS Codes;
- Recognized Organizations (RO) monitoring and auditing activities.

It aims to provide learners with the opportunity to develop the knowledge, skills and attitudes required to carry out audits professionally, efficiently, effectively and to the required standards. The curriculum is therefore targeted at individuals at different stages of professional development as officers of maritime administrations carrying out the abovementioned duties.

COURSE STRUCTURE

The course is offered in a blended format (i.e combination of online synchronous and asynchronous activities) + 2-day in-person session in EMSA.

COURSE CONTENT

This course comprises 4 modules, categorized into the following Learning Areas:

1. Principles of Auditing (mandatory);
2. Recognized Organizations Monitoring and Auditing (elective, independent);
3. ISM Code Audits/Verifications (elective, independent);
4. ISPS Code Audits/Verifications (elective, independent).

Participants have the flexibility to select any combination of Learning Areas 2–4 to suit their specific needs and preferences.

PART-TIME COURSES

TITLE	**EU MARITIME LAW**
DURATION	100 hours over 20 non-consecutive weeks.
AUDIENCE	Relevant staff from national maritime administrations at the entrance level.

INTENDED LEARNING OUTCOMES

- Outline the EU institutional setting;
- Describe the EU legislative process;
- Define the areas covered by the EU maritime legislation;
- Explain the interaction between EU and international maritime legislation;
- Identify the general content, scope and objective of the existing acts of EU maritime legislation;
- Name the tasks of European Maritime Safety Agency;
- Recognise the scope and objectives of the tools and services offered by EMSA in order to facilitate the implementation of the relevant EU legislation.

COURSE STRUCTURE

The course is offered in blended format (i.e. combination of online synchronous and asynchronous activities).

COURSE CONTENT

- Role and competences of the International Maritime Organisation, in particular relating to the adoptions of conventions, as well as the identification of the role of the EU in the work of the IMO;
- EU institutional setting, EU legislative process, as well as EU maritime transport and other relevant policies;
- European Maritime Safety Agency, its remit, tasks, as well as its tools and services;
- EU legislation acts as well as case studied within the areas of flag state and port state prerogatives and obligations, maritime safety, maritime security, human element, pollution prevention, detection and response and liability & compensation.

TITLE	**CORE SKILLS FOR THE MARITIME SEARCH AND RESCUE COORDINATORS**
DURATION	20 hours over 2 consecutive weeks + 1.5-day in-person session.
AUDIENCE	Junior maritime search and rescue coordinators who will conduct, or participate in, marine search and rescue operations.
RECOMMENDED PRE-TRAINING REQUISITE	Participants should have a general understanding of maritime SAR operations and of the relevant legal basis. Experience in maritime SAR operations would be advantageous to foster discussion during the course.

COURSE AIM

This course aims at providing knowledge to Maritime Search and Rescue coordinators for the carrying out of maritime search and rescue operations in line with the international requirements, with a focus on the European dimension of such operations, boosting cooperation and strengthening their understanding of the legal basis connected to their duties, as well as improving their capacity to apply internationally recognised procedures and European or regional agreements' standards in the field of maritime search and rescue operations, as well as in maritime non-SAR assistance operations.

COURSE STRUCTURE

The course is offered in a blended format (i.e combination of online synchronous and asynchronous activities) + 1.5-day in-person session in EMSA.

COURSE CONTENT

- SAR framework in terms of procedures related with general planning within the SAR organisation;
- SAR agreements identifying their strength point and cooperation procedures;
- European Legislation dealing with international cooperation within European countries;
- Coordinating a SAR activity, preparation and actions to be performed to set up and run a maritime SAR service;
- Standard terminology and phraseology in SAR messages;
- Radio systems used in maritime SAR communications ;
- Radar and satellite communications in maritime SAR operations;
- Activities to perform in the different maritime SAR phases;
- Reply to a SAR alert;
- Steps to prepare for a possible maritime SAR operation;
- Continuous planning and flow of information;
- Information in each specific maritime SAR emergency event;
- Potential available resources for the maritime SAR operations;
- Legal limitations and responsibilities in the use of maritime SAR resources;
- Risks for the SAR resources in use and how to mitigate them;
- Actions to be performed closing or suspending a maritime SAR operation;
- Maritime non-SAR operation;
- Formatting and standards in each layer of communication;
- Different layers of communication in closing or suspending a SAR or non-SAR operation.

TITLE	**ENHANCED MARITIME PICTURE VIA INTEGRATED MARITIME SERVICES**
DURATION	Under re-design
AUDIENCE	New maritime traffic monitoring and surveillance operators, duty officers working in MRCCs, maritime safety centres, pollution response services and other maritime authorities; officers with no previous or little experience using the IMS service, and IMS users who seldomly use IMS during exercises, specific operations, or emergencies.

INTENDED LEARNING OUTCOMES

- Understand the background, legal basis and governance of IMS;
- Recognise the principles of data integration and information sharing and co-operation;
- Recognise the reporting and surveillance technologies used in the service and their limitations;
- Use IMS Graphical interface (SEG) functions to obtain a complete maritime picture and view, search and query the data;
- Interpret the vessel information and other IMS data layers;
- Combine data layers, tools and functionalities for analysis;
- Recognise how to automatically detect anomalous and specific vessel behaviours in IMS;
- Identify Automated Behaviour Monitoring (ABM) algorithms and their usage in different scenarios;
- Use the maritime surveillance picture to operations at sea;
- Recognise the basic functionalities and limitations of the IMS Mobile App.

COURSE STRUCTURE

The course is offered online in asynchronous mode with scheduled live Q&A sessions.

COURSE CONTENT

- Operational capabilities of the IMS service, applicable data access rights, data sharing principles and legal and governance framework;
- Basic functions of the IMS user interfaces (i) the SafeSeaNet Ecosystem Graphical (SEG) and (ii) IMS App;
- Graphical User Interface demonstrations and exercises on specific functionalities (e.g. Area Centric Query, Vessel Track Query, SafeSeaNet enrichment);
- Automated Based Monitoring (ABM) tools;
- Tailored practical exercises, scenarios, case studies.

TITLE	**SHIP INSPECTIONS FOR WASTE DELIVERY TO PORT RECEPTION FACILITIES IN THE EU**
DURATION	16 hours over 3 consecutive weeks.
AUDIENCE	Staff of national maritime administrations or relevant national competent authorities involved in the implementation and enforcement of the Directive (EU) 2019/883 on Port Reception Facilities for the delivery of waste from ships (PRF Directive).

INTENDED LEARNING OUTCOMES

- Develop a better understanding of the requirements of the Directive (EU) 2019/883 on Port Reception Facilities for the delivery of waste from ships;
- Develop the necessary knowledge and skills to carry out ship inspections within the context of the PRF Directive in an effective and harmonized manner;
- Get acquainted with the use of tools and services offered by EMSA in order to facilitate the implementation and enforcement of the PRF Directive.

COURSE STRUCTURE

The course is offered in blended format (i.e. combination of online synchronous and asynchronous activities).

COURSE CONTENT

The course consists of the following three “Learning Areas”:

- General European and International legal framework for Port Reception Facilities (PRF) in the EU and in IMO pertaining the delivery of waste from ships.
- For the learning area Principles of enforcement under the PRF Directive and Pre-boarding information.
- For the learning area of Ship’s inspection under the PRF Directive and Reporting throughthe THETIS-EU PRF Module.

TITLE	**PRINCIPLES AND TECHNIQUES FOR SHIP RECYCLING INSPECTORS**
DURATION	17 hours over 2 consecutive weeks
AUDIENCE	Port State Control Officers and designated inspectors of EU Member States responsible for the control of the implementation of relevant provisions of Regulation (EU) 1257/2013 and Directive 2009/16/EC.

INTENDED LEARNING OUTCOMES

This course aims at providing the necessary knowledge and skills to designated inspectors of carrying out ship inspections in the context of the Ship Recycling Regulation implementation and enforcement.

At the end of the course the participants will be able to:

- Identify the specific EU and international legal instruments (Conventions, Regulations, guidelines, recommendations, procedures) relevant to Ship Recycling and describe their scope and main provisions. (Intermediate level);
- Describe the scope and objectives of an SR inspection;
- Identify the relevant information to be gathered prior to initiating an SR inspection;
- Identify and review/verify the accuracy/validity of the SRR-related mandatory/certificates documents that should be carried out by a ship which is subject to an SRR inspection;
- Explain the circumstances of “clear grounds” under which a more detailed inspection or the enforcement of other control measures to the ship may be required;
- Identify, describe typical cases of SR non-compliances and classify them into detainable and non-detainable ones;
- Explain the circumstances under which a “specific sampling” may be considered and describe the methodology to be followed in such cases;
- Determine and take the appropriate enforcement actions in cases of identified SR non compliances.

COURSE STRUCTURE

The course is offered in a blended format (i.e combination of online synchronous and asynchronous activities).

COURSE CONTENT

The SR inspectors training course covers the following areas:

- Ship Recycling legal framework (EU and International);
- How to conduct SR inspections;
- Reporting of SR inspections in relevant databases (THETIS EU).

TITLE	**CYBERSECURITY IN THE MARITIME DOMAIN**
DURATION	41 hours over 7 consecutive weeks
AUDIENCE	Maritime inspectors from EU MSs national maritime administrations or competent authorities, including individuals responsible for ensuring compliance with international maritime safety/security regulations and standards, such as those set forth by IMO, and with EU legislation as regards to ports, port-facilities and EU MS-flagged ships.
RECOMMENDED PRE-TRAINING REQUISITE	Background in maritime safety/security and a basic understanding of information technology (IT) systems. The participants should have basic experience in conducting inspections/verifications and/or audits of ships, ports, and/or may also have a role in developing or enforcing cybersecurity regulations in the maritime domain.

INTENDED LEARNING OUTCOMES

This course is designed to develop the necessary individual competencies for carrying out duties associated with cybersecurity in the process of implementation and enforcement of the relevant maritime regulatory framework. After the course the students shall be able to:

- Recognize common types of cyber threats in the maritime industry, the actors behind them and their potential motives.
- Describe the Information Technology (IT) / Operational Technology (OT) vulnerabilities in ships, ports and the maritime supply chain and the potential impact of cyber incidents on maritime operations.
- Identify the key elements and briefly describe real case cyber-incidents in the maritime domain.
- Identify the elements of the applicable key EU & International regulatory framework for cybersecurity in the maritime industry and outline the relevant requirements.
- Recognize the importance of basic cyber-hygiene measures/best practices in preventing or mitigating cyber risks.
- Discuss the challenges for assessing cyber risk in the maritime sector.
- Use a cyber risk assessment methodology in order to conduct a cyber-risk identification/ assessment in a specific operational area.
- Recognize the tools for conducting cyber risk assessment & management in the maritime domain.
- Outline the critical elements of an inspection/audit focusing on
- cybersecurity issues.
- Describe common findings during an inspection/audit focusing on cybersecurity issues.
- Describe and discuss the European Commission's approach in addressing cybersecurity during EC and MS maritime security inspections.
- Recognize and apply best practices and guidance in maritime cybersecurity inspection/audit scenarios.

COURSE STRUCTURE

The course is offered in a blended format: a combination of synchronous (online) activities with instructors and asynchronous (self-paced) online activities.

COURSE CONTENT

The course consists of the following 4 Learning Areas:

- Cybersecurity threats in the Maritime industry
- Maritime Cybersecurity (EU and international) Regulatory Framework, Best Practices and basic Cyber-Hygiene
- Maritime Cyber Risk Management and Assessment
- Cybersecurity in maritime Inspections /Audits

TITLE	**DULY AUTHORIZED OFFICERS (DAOs) – MARITIME SECURITY INSPECTIONS**
DURATION	10 hours over 2 consecutive weeks
AUDIENCE	Ship inspectors engaged in ISPS verifications, qualified as Duly Authorized Officers (DAOs) and DAOs not currently engaged in ISPS verifications.

INTENDED LEARNING OUTCOMES

This course was designed and developed by the EMSA Academy with the aim to provide participants with a clear understanding of the role, functions, and legal responsibilities of DAOs under the ISPS Code.

At the end of this course, the participants should be able to:

- Explain the importance of DAOs in ensuring compliance of port facilities and ships with the ISPS Code.
- Use the ISPS Code guidelines to determine if a DAO is performing their duties correctly in a given situation.
- Identify the legal responsibilities of Duly Authorized Officers (DAOs) under SOLAS Chapter XI-2 and EU Regulation 725/2004.
- Explain how SOLAS Chapter XI-2 and EU Regulation 725/2004 guide the work of Duly Authorized Officers (DAOs)
- Use SOLAS Chapter XI-2 and EU Regulation 725/2004 to evaluate whether a DAO is fulfilling their responsibilities correctly.
- Identify the key requirements for controlling ships in port and those intending to enter under the ISPS Code.
- Explain the procedures for verifying ship security compliance before entry into port.
- Describe the steps a Duly Authorized Officer (DAO) must take when a ship does not meet ISPS Code security requirements.

COURSE STRUCTURE

The course is offered in a blended online format, combining synchronous live sessions with asynchronous self-paced learning activities.

COURSE CONTENT

The course consists of the following 3 Learning Areas:

- Role and Responsibilities of Duly Authorized Officers (DAOs) under the ISPS Code
- SOLAS Chapter XI-2, EU Regulation 725/2004 and main relevant tools
- Control of ships in Port and intending to enter the Port

TITLE	**ALTERNATIVE FUELS IN THE MARITIME DOMAIN – AMMONIA**
DURATION	12 hours over 1,5 consecutive weeks
AUDIENCE	Relevant staff from national maritime administrations dealing with alternative fuels, focusing on policy implementation, regulatory compliance and technical assessment of alternative fuel options in the maritime sector.

INTENDED LEARNING OUTCOMES

The aim of this course is to equip professionals working in maritime administrations with the knowledge and skills necessary to understand and facilitate the safe and effective adoption of ammonia as an alternative marine fuel. By addressing the technical, environmental, and regulatory aspects of ammonia use, the course seeks to enhance participants' ability to evaluate its potential as a sustainable fuel option within the maritime sector. It also aims to foster a comprehensive understanding of the EU regulatory framework, international standards, and best practices to ensure compliance and support the decarbonization of shipping in alignment with global and regional environmental goals.

After the course the participants shall be able to:

- Explain the physical and chemical properties of ammonia relevant to its use as a marine fuel.
- Compare the sustainability profile of ammonia with other alternative marine fuels
- Analyze the challenges and opportunities associated with the production and storage of green ammonia for maritime use.
- Identify the key international and EU regulations governing the use of ammonia as a marine fuel.
- Interpret the requirements of MARPOL Annex VI and the EU's "Fit for 55" framework as they pertain to ammonia.
- Evaluate regulatory gaps and potential safety challenges in the adoption of ammonia as a marine fuel.
- Describe the safety protocols for handling, storage, and transportation of ammonia in maritime operations.
- Assess the risks associated with ammonia toxicity and reactivity in shipboard environments.
- Describe the steps required for emergency response and risk mitigation when working with ammonia-based systems.

COURSE STRUCTURE

The course is delivered in a blended format, combining live online sessions, self-paced learning modules, and interactive case study discussions.

COURSE CONTENT

The course consists of the following 3 Learning Areas:

1. Ammonia as a marine fuel;
2. Regulatory framework and compliance;
3. Operational and Safety Considerations .

TITLE	**IMPLEMENTATION OF THE EU ETS/MRV &FUELEU LEGISLATION**
DURATION	20 h over 3 non-consecutive weeks (t.b.c).
AUDIENCE	Relevant staff within the Competent Authorities responsible for the implementation of MRV/ ETS and FuelEU legislation.

COURSE AIM

This course is designed to equip administrators from EU Member States with the essential knowledge and skills needed to navigate the evolving actions required under Regulation (EU) 2015/757 (Monitoring, Reporting, and Verification of greenhouse gas emissions from maritime transport), Directive 2003/87/EC (Establishing a Scheme for Greenhouse Gas Emission Allowance Trading), and Regulation (EU) 2023/1805 (on the use of renewable and low-carbon fuels in maritime transport). The course will provide practical tools and frameworks to help administrators navigate the complexities of compliance, ensuring that their Member States meet regulatory requirements . Finally, by bringing together administrators from various Member States, the course will foster collaboration and knowledge sharing.

COURSE STRUCTURE

The course is offered in blended format (i.e. combination of online synchronous and asynchronous activities).

COURSE CONTENT

(I). Introduction to the legal framework

- Regulation (EU) 2015/757 on the monitoring, reporting and verification of greenhouse gas emissions from maritime transport (MRV);
- Directive 2003/87/EC establishing a system for greenhouse gas emission allowance trading within the Union (ETS);
- Regulation (EU) 2015/757 on the monitoring, reporting and verification of greenhouse gas emissions from maritime transport.

(II). Tools in support of the Member States activities

- THETIS-MRV;
- THETIS-EU.

TITLE	**ASSESSMENT, EXAMINATION AND CERTIFICATION OF SEAFARERS**
DURATION	87 hours over 35 working days
AUDIENCE	Persons who conduct or intend to conduct examinations and assessments of competence for the issue of certificates (personnel from the Administration and the maritime education and training (MET) institutions or those who conduct examinations and assessments on behalf of the Administration).

INTENDED LEARNING OUTCOMES

The course aim is to provide knowledge and skills to administer, supervise and monitor training and assessment of competence in accordance with the provisions of Section A-I/6 of the STCW Code. By the end of the course the participants shall be able to:

- Apply the international provisions concerning training, assessment, examination and certification of masters, officers and ratings serving on merchant ships;
- Apply the implementation of these provisions under national law;
- Analyse the national assessment, examination and certification needs;
- Determine appropriate assessment methodologies;
- Organise, administer and conduct assessments/examinations;
- Issue and control certificates.

COURSE STRUCTURE

The course is offered in a blended format (i.e. a combination of synchronous live online sessions with a duration of up to 3 hours per day delivered on a video communication platform and asynchronous (self-study) sessions with an expected time investment of up to 2 - 4 hours a day on weekdays (from Monday to Friday) delivered on EMSA's Maritime Knowledge Centre Services (MaKCs) platform.

COURSE CONTENT

The course consists of 10 modules:

- International and national instruments;
- Quality system;
- Requirements of training and assessments;
- Approving training and examination;
- Competence-based standards;
- Examination methodology and development of tests;
- Scoring and review of test material;
- Certification;
- Enforcement of standards;
- Course review and final evaluation.

TITLE	**IMPLEMENTATION AND ENFORCEMENT OF THE DIRECTIVE ON SHIP-SOURCE POLLUTION**
DURATION	Under design (expected to be launched in 2026).
AUDIENCE	Staff from maritime or other relevant administrations involved in the implementation of the SSP Directive.

INTENDED LEARNING OUTCOMES

Under design

COURSE STRUCTURE

The course is offered in a blended format (i.e. a combination of synchronous and asynchronous activities).

COURSE CONTENT

Under design

TITLE	**SHIP KNOWLEDGE AND HNS TRANSPORT CHALLENGES FOR RESPONDERS**
DURATION	3 weeks (15 hours of independent work (asynchronous) and 3 contact hours (online meetings)
AUDIENCE	First responders to a maritime HNS incident or experts with limited experience at sea / maritime incident response operations from, amongst others, HAZMAT teams, Firefighters, Civil defence, and Local authorities.
RECOMMENDED PRE-TRAINING REQUISITE	Persons to be trained should have primary technical knowledge of first responders to emergencies and incidents including preferably HNS incidents (e.g. HAZMAT teams, Firefighters, Civil defence, Local authorities). Experience at sea / maritime incident response operations would be advantageous.

INTENDED LEARNING OUTCOMES

The primary objective of the course is to furnish responders with the essential knowledge on ship types and spaces, as well as main challenges for HNS maritime transportation to effectively manage Hazardous Materials and Noxious Substances (HNS) incidents in the maritime domain. This aspect is particularly aimed at addressing potential gaps in the expertise of HNS responders unfamiliar with maritime HNS incidents, facilitating their transition to maritime scenarios.

- Recognise the various vessel types for HNS transport and transport modes (packaged, bulk, etc.).
- Summarize the ship's crew hierarchy, functions, and responsibilities.
- Simulate standard maritime communication phrases for clear engagement with ship master, crew, and other maritime responders during a response operation.
- Interpret standard ship configurations for planning appropriate response tactics and managing emergency resources on board.
- Recognise the criteria needed to define the Hazardous Zones on board the vessel based on the Fire Control Plan and Stowage Plan.
- Recognise the practical challenges related to HNS incidents on ships at sea as compared to on land.
- Illustrate the principles of a safe evacuation of a ship.

COURSE STRUCTURE

The course is offered in blended format (i.e. combination of asynchronous and synchronous activities).

COURSE CONTENT

The course provides learning areas on basic ship knowledge and familiarisation, such as:

- Description of main ship types carrying HNS,
- Crew hierarchy,
- Ship safety, and
- Ship emergency management and response.

Moreover, in relation to HNS maritime transport challenges the course provides elements for:

- Definition of hazardous areas on board,
- Practical challenges related to HNS incidents on board, and
- Principles of safe evacuation during such incidents.

TITLE	**MLC INSPECTORS COURSE**
DURATION	22.5 hours over 3 consecutive weeks
AUDIENCE	The course is targeted at individuals with responsibilities for the implementation of the MLC, 2006, either from the perspective of compliance or enforcement, who want to become familiarized with the key elements of the Convention and ship inspections at basic level.

COURSE AIM:

This course aims to share information and good practices regarding the implementation of MLC, 2006 as amended, in order to ensure a good understanding and application of the Convention at national and regional level, strengthen the capacity of Competent Authorities to implement the MLC, 2006 by training a core group of inspectors with a good level of understanding of the Convention and of inspection techniques at basic level.

COURSE STRUCTURE

The course is offered in blended format (i.e. combination of asynchronous and synchronous activities).

COURSE CONTENT

The course consists of 3 Learning Areas:

- Learning Area 1: Law, Policies, Rules and Procediures;
- Learning Area 2: The Regulations and the Code;
- Learning Area 3: Flag and port State responsibilities & inspections.

SHORT COURSES

TITLE	**PREPARATORY TRAINING SESSION TO IMSAS**
DURATION	14 hours
AUDIENCE	Staff of maritime administrations and other relevant actors involved in the implementation and enforcement of international maritime conventions within the scope of the III Code at the level of Contracting Governments as well as at the level of Flag, Coastal and Port State.
RECOMMENDED PRE-TRAINING	Persons to be trained should have primary technical knowledge of the IMO conventions and practical experience with their implementation and enforcement framework in the context of their administration. Optimally, they should be involved and working in at least one of the four areas covered by the III Code.

INTENDED LEARNING OUTCOMES

The course is designed to provide knowledge in the areas covered by the IMSAS to the staff of the Maritime Administrations engaged in different areas, such as those of the Contracting Government, and Flag, State, and Port States. It aims to provide the learners with the necessary understanding of the standards and procedures before, during, and after the IMSAS.

At the end of the course participants should be able to:

- Recall IMSAS background and its framework;
- Recall the main responsibilities of the entities involved during an audit for the learning area of Responsibilities as Contracting Government, Flag State, Coastal and Port State;
- Recognise the main responsibilities of the Contracting governments under the “Common Areas” of the III Code;
- Indicate the main responsibilities of the Contracting governments as “Flag State” acc. to the III Code;
- Summarise the necessary process adopted by the administration to provide guidance on the requirements of the international instruments that are “to the satisfaction of the Administration”;
- Outline the main responsibilities of the Contracting Governments as “Coastal State” acc. to the III Code;
- Indicate the main responsibilities of the Contracting Governments as “Port State” acc. to the III Code;
- Recall the main definitions in the audit process;
- Identify the main steps in the IMSAS cycle including the roadmap to the audit and its planning;
- Recall the main objectives and content of the Memorandum of Cooperation;
- Outline the responsibilities of the Single Point of Contact, the Member State, and the IMO in the audit planning;
- Outline the responsibilities of the Single Point of Contact, the Member State, and the IMO in the audit preparation;
- Draft the pre-audit questionnaire;
- Identify the main administrative arrangements during the audit;
- Recall how to behave during the audit;
- Determine main elements to be covered in the opening and closing meeting, and during the audit;
- Prioritise what evidence should be collected in preparation of the audit;
- Present information to the Audit Team while the audit is conducted;
- Illustrate how the audit is reported;
- Recall what is an observation and what is a finding;
- Determine what is the scope of the different documentation prepared during the audit;
- Simulate how to prepare the Corrective Action Plan and the follow-up.

COURSE STRUCTURE

The course is offered in online synchronous format.

COURSE CONTENT

The course covers the following areas:

- IMSAS Framework;
- Responsibilities of IMO member States as Flag, Port and Coastal States;
- IMSAS Procedures.

TITLE	**SAFESEANET**
DURATION	7 hours
AUDIENCE	SSN National Competent Authorities (NCAs) and operators working in MRCCs, SAR services, VTS centres, maritime administrations, pollution response services, as well as for PSC Officers, Security Officers and Port Reception Facilities.
RECOMMENDED PRE-TRAINING REQUISITE	Participants should have already completed the SSN basic training and have previous operational experience with SSN.

INTENDED LEARNING OUTCOMES

- Learn about the new and planned future developments of SSN;
- Enable the operators to use SSN at an advanced level in their day-to-day work.

COURSE STRUCTURE

The course is offered in online synchronous format.

COURSE CONTENT

- User Web Interface advanced features and functionalities;
- Update on latest release - new features: new waste information, waste receipt, persons on board passenger ships for SAR purposes and improved incident reporting;
- Tailored practical exercises, scenarios, case studies Planned future developments;
- Planned future developments.

TITLE	**CLEANSEANET – BEGINNERS LEVEL**
DURATION	7 hours
AUDIENCE	Officers working in MRCCs, VTS Centres, maritime administrations and pollution response services with no or low level of experience with the CSN service.

INTENDED LEARNING OUTCOMES

- Identify CleanSeaNet applicable legislation and define the service scope;
- Identify the main characteristics of Synthetic Aperture Radar (SAR) and optical
- imagery;
- Oil spill and vessel detection principles in SAR imagery;
- Describe the procedures to activate the EMSA's Earth Observation Services during emergencies;
- Apply the procedure to request EMSA's Earth Observation Services support during exercises and ad-hoc operations;
- Interpret the alert report;
- Use the CSN feedback form;
- Demonstrate the use of SEG/CSN operation basic functions.

COURSE STRUCTURE

The course is offered in classroom or online in synchronous mode.

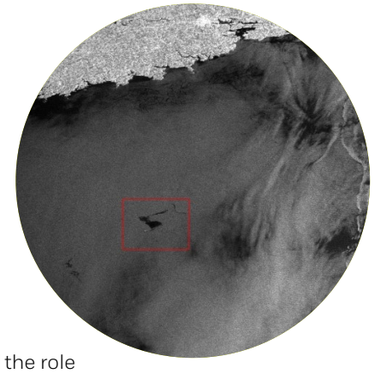
COURSE CONTENT

- Overview of CleanSeaNet service;
- Main characteristics of SAR and optical missions;
- Alert report and feedback form;

Support of EMSA's Earth Observation Services to maritime emergencies, exercises and ad-hoc operations;

- Live demo of CleanSeaNet in SafeSeaNet Ecosystem GUI (SEG);
- Tailored practical exercises, scenarios, case studies on SafeSeaNet Ecosystem Graphical User Interface (SEG).

TITLE	**CLEANSEANET – ADVANCED LEVEL**
DURATION	7 hours
AUDIENCE	Officers with experience using CSN service or managers responsible for the coordination of CSN service within their national administrations.



INTENDED LEARNING OUTCOMES

- Name the main elements of the CSN service legal framework, recall the role of the CSN User Group;
- Identify the scope of the CSN Conditions of Use, summarize the intellectual property rights applicable to CSN data;
- Identify the main principles of spatial resolution, images acquisition and delivery times;
- Remember the key aspects of image planning;
- Interpret CSN alert reports and alert area;
- Identify potential polluters by querying AIS data and CSN detections in SEG;
- Analyse CSN detections;
- Demonstrate the use of SEG/CSN operation advanced functions.

COURSE STRUCTURE

The course is offered in classroom or online in synchronous mode.

COURSE CONTENT

- Legal framework of CleanSeaNet service;
- Governance of CSN: User Group and Conditions of Use;
- CSN image acquisition procedure and processing chain;
- Information displayed in the CSN alert report;
- CSN feedback form: concept of priority;
- Different user profiles;
- Advanced use of SEG/CSN service.

TITLE	**EU LRIT TRAINING**
DURATION	2 consecutive half days
AUDIENCE	This course is designed for LRIT NCAs or operators working in MRCCs for SAR and pollution response purposes, VTS centres, maritime administrations, police or border control, PSC Officers and operators in charge of the registration/de-registration of ships within the LRIT system.

INTENDED LEARNING OUTCOMES

- Enable the operators to use main features and functions of EU LRIT Cooperative Data Center, EU LRIT Ship Database, LRIT IDE Administrative Interface and of the LRIT Data Distribution Plan in the Global Integrated Ship Information Systems (GISIS) in their day-to-day work;
- Use specific functionalities restricted to LRIT NCAs such as managing a coastal standing order and managing users.

COURSE STRUCTURE

The course is offered in a blended format (i.e combination of online synchronous and asynchronous activities).

COURSE CONTENT

Under re-design

TITLE	**COPERNICUS MARITIME SURVEILLANCE**
DURATION	8 hours
AUDIENCE	Operational users of the CMS service such as officers working in national authorities with responsibilities at sea, EU Institutions and bodies, with or without previous experience on the usage of CMS services.

INTENDED LEARNING OUTCOMES

- Describe the CMS service scope and clearly identify the user communities served;
- Describe the benefits, constraints and limitations of different CMS products available;
- Identify the different procedures for ordering EO services;
- Access, search and visualise CMS data and ancillary information in the SEG.

COURSE STRUCTURE

The course is offered in classroom or online in synchronous mode.

COURSE CONTENT

- Overview of Copernicus Maritime Surveillance service ;
- Main characteristics of SAR and optical missions;
- Earth Observation product catalogue: basic products; value added products; fusion products;
- Procedures for requesting CMS services: registration form and service request;
- Tailored practical exercises, scenarios and case studies on SafeSeaNet Ecosystem Graphical User Interface (SEG).

TITLE	**ADVANCED COURSE ON THE AUTOMATIC BEHAVIOUR MONITORING (ABM) SERVICE UNDER INTERGARTED MARITIME SERVICES (IMS)**
DURATION	5 weeks
AUDIENCE	The course is designed for a broad range of maritime professionals, including maritime administration staff, surveillance and Coast Guard operators, flag-state and port-state officers, and duty officers in safety, security, fishery monitoring, MRCCs, pollution response, and customs. It also serves naval, law-enforcement, border-control, and environmental analysts, as well as officers responsible for critical offshore infrastructure protection, multipurpose maritime operations, and sanctions monitoring or vessel profiling.

COURSE AIM

This course is designed to equip ABM administrators with the necessary knowledge, skills, and attitudes to effectively manage and utilize ABM systems. The course focuses on providing administrators with the ability to configure ABM algorithms, interpret results, and make informed decisions in various operational scenarios.

COURSE STRUCTURE

The course is offered in a blended format (i.e. a combination of synchronous and asynchronous activities).

COURSE CONTENT

The Course consists of the following units:

- ABM options
- ABM tools
- ABM results (alerts, events, and distribution)
- ABM synergies between various capabilities, tools, and functionalities
- ABM operational scenarios

TITLE	**REMOTELY PILOTED AIRCRAFT SYSTEM (RPAS) DATA CENTRE**
DURATION	Under re-design
AUDIENCE	This course is designed for Member States which are users of RPAS services provided by EMSA.

INTENDED LEARNING OUTCOMES

- Identify the main functions offered by the RPAS Data Centre to effectively use this platform in an operational context;
- Plan and monitor real-time flights, including visualizing live video feeds, detecting targets of interest, interacting with RPAS pilots through the chat, use measurements tools on the map, take screenshots, download pictures amongst other;
- Access the operational data post mission and share mission reports.

COURSE STRUCTURE

The course is offered in classroom (face-to-face) or in online synchronous format.

COURSE CONTENT

- Navigating Deployment and Missions;
- Following a RPAS live flight and accessing mission replays;
- Communicating with all stakeholders involved;
- How to use the system to support vessel and suspicious targets detection;
- Analysing and exporting data (videos/images);
- Sharing files and mission reports;
- Collecting evidence for surveillance and emission monitoring.

AWARENESS SESSIONS

TITLE	**HANDS-ON TRAINING SESSIONS ON THE EMSA EQUIPMENT ASSISTANCE SERVICE (EAS) STOCKPILES**
DURATION	3 days (27 hours)
AUDIENCE	The target audience are counter-pollution authorities from the Member States directly involved in response operations, with the following profile: equipment operators who may deal with the equipment on board national vessels of opportunity, team leaders, oil pollution response trainers, vessel captains and members of vessel crew.
RECOMMENDED PRE-TRAINING REQUISITE	MaKCs module “EMSA’s Equipment Assistance Service (EAS)”.

INTENDED LEARNING OUTCOMES

The Equipment Assistance Service (EAS) consists of stand-alone oil pollution response equipment systems stored in stockpiles located in selected areas around Europe. This service complements the response capacity available through EMSA’s network of oil spill response vessels. The EAS equipment is on stand-by, ready to be mobilised around-the-clock to anywhere in European waters and shared sea basins.

At the end of the course the participants will be able to:

- Demonstrate and practice the use of selected equipment sets at the stockpile location;
- Build expertise among the EAS users;
- Familiarise the operators with the use of EAS equipment systems.

COURSE STRUCTURE

The course is presential and will take place outdoor on a pier within selected port(s).

COURSE CONTENT

- Briefing onsite and familiarisation with the equipment systems;
- Practical training on the deployment, operation and retrieval of selected equipment sets.

TITLE	**MED PORTAL**
DURATION	3 hours
AUDIENCE	This course has been developed for various group of stakeholders, such as MS Administrations (Market Surveillance Authorities, including inspectors), Notifying Authorities), USCG, MS MED Experts, Notified Bodies and manufacturers of the MED Equipment.

INTENDED LEARNING OUTCOMES

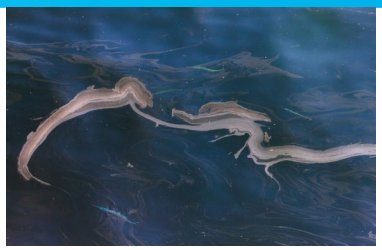
- Know the legal basis and legal obligations for each group of the stakeholders steaming from the Directive 2014/90/EU;
- Become familiar with the main components and features of the MED Database;
- Be able to filter and find the required data;
- Submit the required data including Declaration of Conformity (DoC);
- Recognise the purpose of the MED data circulation and exchange with other MED stakeholders.

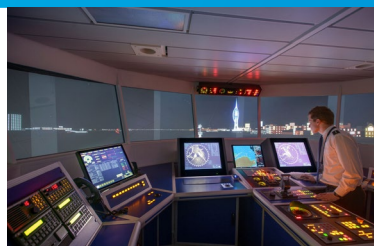
COURSE STRUCTURE

The course is offered in online synchronous format.

COURSE CONTENT

- General overview of the system;
- User interface overview;
- Data submission requirements;
- Product data submission and Declaration of Conformity;
- MED mobile application;
- Practical demonstration of the system.



ABOUT THE EUROPEAN MARITIME SAFETY AGENCY

The European Maritime Safety Agency (EMSA) is one of the European Union's decentralised agencies. Based in Lisbon, Portugal, the Agency's mission is to ensure a high level of maritime safety, maritime security, prevention of and response to pollution from ships, as well as response to marine pollution from oil and gas installations. The overall purpose is to promote a safe, clean and economically viable maritime sector in the EU.

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