



European Maritime Safety Agency

**European Maritime Safety Agency**

**Consultative Network for Technical Assistance (CNTA)**

**5<sup>th</sup> meeting**

**Proposal for training sessions - 2011**

**Lisbon – 1<sup>st</sup> July 2010**

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European Maritime Safety Agency

**Training on:**

**List of proposals for 2011**

1. Training on ISM Code (auditing)
2. Training for newcomers on EU maritime legislation (2 sessions)
3. Training on education and certification of seafarers
4. Training on EU environmental legislation
5. Training on Maritime Labour Convention
6. Training on Flag State Implementation
7. Training on ISPS Code (Ship)

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European Maritime Safety Agency

**Training on:**

**ISM Code and auditing techniques**

**BACKGROUND:**

The international provisions on the ISM Code are implemented by MS's.

Through the EU legislation, their application is extended to passenger ships in domestic voyages and, since 24<sup>th</sup> March 2008, to cargo ships of 500 GT or above in domestic voyages

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 **EMSA** / European Maritime Safety Agency

Training on:

**ISM Code and auditing techniques**

**TENDER:**

Four years service framework contract with ABS: **2009-2012**

Two different trainings:

a) **ISM Code and auditing techniques**  
b) **ISM Code and training techniques (train the trainer)**

Number of training sessions: **8 x 15 participants each**

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 **EMSA** / European Maritime Safety Agency

Training on:

**ISM Code and auditing techniques**

**Sessions delivered**

**2009**  
Two sessions on **ISM Code and auditing techniques**  
Number of participants from Member States **27**

**2010**  
One session on **ISM Code and training techniques (train the trainer)**  
Number of participants from Member States **10**  
Second session planned from 6<sup>th</sup> to 10<sup>th</sup> September

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 **EMSA** / European Maritime Safety Agency

Training on:

**ISM Code and auditing techniques**

**AIM**

The overall objective of this training is to provide training on the ISM Code and thoroughly examine the auditing techniques

The course shall ensure that participants:

- enhance their familiarity with the ISM Code, including different types of flag State audits and internal audit, and
- develop a practical approach to the auditing techniques.

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European Maritime Safety Agency

**Training on:**  
**ISM Code and auditing techniques**

**Content**

**A.1 – ISM Code (1.5 working days)**

- Evolution of management systems standards and the ISM Code (including interrelationship of the ISM Code with other management standards);
- Requirements of the ISM Code – Part A (Implementation);
- Requirements of the ISM Code – Part B (Certification and verification);
- Revised guidelines on implementation of the ISM Code by administrations [IMO Res.A.913(22)];
- Role and responsibilities of parties involved (flag State, Recognized Organization, Company, Auditor) in assuring compliance with the ISM Code;
- Relationship of the ISM Code to the existing international legislation with emphasis on European legal instruments.

**A.2 – auditing techniques (2.5 working days)**

- Types and scope of flag State audits (initial, renewal, periodical, additional) and internal audit;
- The auditor;
- Process of planning and organizing a flag State audit;
- Verification of compliance both of the ship and the Company with ISM Code by using the knowledge of mandatory rules and regulations and guidelines, and Ship operations focusing on safety and pollution prevention practices;
- Techniques of examining, questioning, evaluating and reporting;
- Criteria for determining a major non-conformity, non-conformity or a finding;
- Follow-up and clearing of non-conformities.

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European Maritime Safety Agency

**Training on:**  
**ISM Code and auditing techniques**

**Possible attendees**

Flag State auditors

Staffs involved in monitoring ROs or in oversight inspections

Port State Control officers (although not involved in auditing)

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7. Training on ISPS Code (Ship)

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European Maritime Safety Agency

**Training on:**  
**EU MARITIME LEGISLATION FOR NEWCOMERS**

EU maritime administrations have a constant need for newly employed people to be informed about EU maritime legislation

It is important for your staff to understand the difference between international and EU requirements

New legislation has been approved

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European Maritime Safety Agency

**Training on:**  
**EU MARITIME LEGISLATION FOR NEWCOMERS**

Content of the course:

- IMO (structure, instruments, how does it work)
- EU and its decision making process
- Flag, Port and Coastal state EU legislation
- EMSA and its operational tools

• Workshops, highly interactive

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European Maritime Safety Agency

**Training on:**  
**EU MARITIME LEGISLATION FOR NEWCOMERS**

Possible attendees:

Newly employed staff (in their current position) working both in the central administrations and on field

DELIVERED AT REGIONAL LEVEL IN 2008 and 2009

PLANNED FOR NEXT WEEK IN CYPRUS

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**Training on:**

**Education and certification of seafarers**

**Content:**

to analyze the international legislation (STCW) in force

to focus on:

- the European legislation in force and the differences with the STCW convention
- the recent or upcoming amendments to the international and European legislation

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European Maritime Safety Agency

**Training on:**

**EDUCATION AND CERTIFICATION OF SEAFARERS**

**CONTENT:**

- The STCW Convention and the Directive 2008/106/EC
- Quality and monitoring
- Education and training programmes
- Assessment of competence
- Requirements for certification
- Registration, revalidation/endorsement of certificates
- Recognition of foreign certificates

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European Maritime Safety Agency

**Training on:**  
**EDUCATION AND CERTIFICATION OF SEAFARERS**

**Previous sessions:**

- September 2009
- July 2009 (for Italy)
- July 2008 (for Bulgaria, Romania, Croatia, Turkey, Albania and Montenegro)

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**Training on:**  
**EDUCATION AND CERTIFICATION OF SEAFARERS**

**AIM:**

To ensure that participants are familiar with the Directive and develop a practical approach to its interpretation and application

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European Maritime Safety Agency

**Training on:**  
**EDUCATION AND CERTIFICATION OF SEAFARERS**

**POSSIBLE ATTENDEES:**

Maritime administrations' staff involved in relevant administrative issues (*quality control, development and approval of training programmes, monitoring of authorized training centres, issuing of certificates and endorsements, etc.*)

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**Training on EU environmental legislation-**

**Suggested topics**

1. Ballast Water Training- Sampling for enforcement
2. Climate change and GHG emissions from ships
3. Implementing shipping-related aspects of Marine Strategy Framework Directive and Habitats Directive

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**1. Ballast Water Training- Sampling for Enforcement**

**Background**

- In October 2010 EMSA will organise a training on ballast water management focusing on **implementation**
- By mid 2011 the IMO will develop two sets of guidelines related to ballast water sampling for enforcement: i.e., further IMO Guidelines on sampling (BLG 15) and Port State Control Guidelines (FSI 19)
- Very specialised and new area and Member States may need some training-links to EMSA's Ballast Water Action Programme and the EU Ballast Water Sampling Strategy being developed by EMSA

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### 1. Ballast Water Training- Sampling for Enforcement

#### Aim

To update and train Member States on issues related to sampling of ballast water in order to assist Maritime Administrations in the proper enforcement of the BWM Convention\*

\* The Convention is expected to enter into force in late 2011- early 2012

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### 1. Ballast Water Training- Sampling for Enforcement

#### Content

- Preparing for enforcement
- The staged approach to enforcement
  - port State control
  - Indicative Analysis
  - Indicative Sampling
  - Full Scale Sampling
- Evidence collection and analysis
- Tools for enforcement and penalties
- Options for the ship once enforcement measures have identified a problem

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### 1. Ballast Water Training- Sampling for Enforcement

#### possible attendees

Policy, Enforcement and pSc officials\* in the EU Member States

\* EMSA training will work in parallel and will not contradict ballast water initiatives, including training, eventually organised within the framework of PMOU

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1. Ballast Water Training- Sampling for Enforcement  
2010 session

- October 2010- Ballast Water Management Training- Implementation



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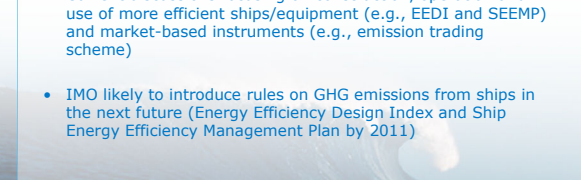
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2. Climate change and GHG emissions from ships

- Major concern both in the EU and internationally
- No international/EU standards yet
- Current discussions focusing on construction, operation and use of more efficient ships/equipment (e.g., EEDI and SEEMP) and market-based instruments (e.g., emission trading scheme)
- IMO likely to introduce rules on GHG emissions from ships in the next future (Energy Efficiency Design Index and Ship Energy Efficiency Management Plan by 2011)



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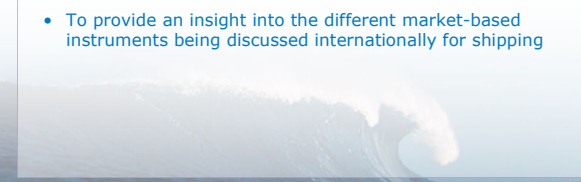
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2. Climate change and GHG emissions from ships- AIM

- To provide EU Maritime Administrations with an analysis of IMO/EU developments re GHG emissions from ships
- To assist MSs in the implementation of EEDI and SEEMP
- To provide an insight into the different market-based instruments being discussed internationally for shipping



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2. Climate change and GHG emissions from ships-

CONTENT

- General introduction (including background information on CO2 emissions from ships in the EU)
- Global Context (UNFCCC, etc.)
- IMO developments
- EU policy
- Energy Efficiency Design Index (EEDI) and Ship Energy Efficiency Management Plan (SEEMP)
- Possible Market-based instruments
- Lesson learned from other sectors

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2. Climate change and GHG emissions from ships-

Possible attendees

Personnel of Maritime Administrations dealing with the issue in the competent authorities

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3. Implementing shipping-related aspects of Marine Strategy Framework Directive and Habitats Directive

- MSFD: duty to achieve/maintain Good Environmental Status of EU waters by 2020 by controlling, inter alia, some shipping-related pressures (e.g., alien species, marine litter and shipping noise)
- Commission's criteria to assist MSs in defining GES
- Shipping impact on marine species protected under the Habitats Directive
- EU Guidelines call upon MSs to prevent damage by shipping in Natura 2000 sites
- Possible EMSA workshop on "environmental priorities in the shipping sector"

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### 3. Implementing shipping-related aspects of Marine Strategy Framework Directive and Habitats Directive

#### AIM

- To assist EU Administrations in the proper implementation of shipping-related aspects of the MSFD
- To assist competent EU Administrations in meeting their obligations under the Habitats Directive, exchange best practices and provide an overview of possible tools to manage shipping in Natura 2000 sites (e.g., routing measures, reporting, maritime spatial planning)



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### 3. Implementing shipping-related aspects of Marine Strategy Framework Directive and Habitats Directive

#### CONTENT

- General introduction: EU Nature legislation, MSFD and Integrated Maritime Policy
- Shipping-related aspects of MSFD
- GES criteria and shipping
  - Alien species
  - Litter
  - Noise
- Managing shipping in Natura 2000 sites, available IMO/EU instruments
  - Routing measures (including ATBA),
  - Reporting
  - Monitoring
  - PSSA?
  - MSP



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### 3. Implementing shipping-related aspects of Marine Strategy Framework Directive and Habitats Directive-

#### Possible attendees

Personnel of **Maritime** and/or **Environmental** Administrations involved in relevant issues



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**Training on:**

**Maritime Labour Convention**

**AIM**

to analyze the 5 Titles of ILO Maritime Labour Convention adopted on February 2006

to focus on the novelties introduced by the Convention including the inspection and certification process

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European Maritime Safety Agency

**Training on:**

**Maritime Labour Convention**

**CONTENT:**

- Flag State enforcement
- Minimum requirements for seafarers to work on a ship
- Seafarers' Employment Agreement (SEA) and Wages
- Hours of work or hours of rest
- Entitlement to leave, repatriation, manning levels
- Accommodation, recreational facilities, food and catering
- Health, medical care, welfare and social security protection
- Complaints
- Port State Control
- Experience from a Member State

• Practical exercises

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European Maritime Safety Agency

**Training on:**  
**Maritime Labour Convention**

**Previous sessions:**

March 2010 for IPA countries

April 2010 for Member States (29 registrations, only three countries attended)

September 2010 for Members States

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European Maritime Safety Agency

**Training on:**  
**Maritime Labour Convention**

**POSSIBLE ATTENDEES:**

Maritime administrations' staff involved in relevant issues

Flag State inspectors

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European Maritime Safety Agency

**Training on:**

**Flag State implementation**

**AIM**

By keeping in mind the Flag State directive the training session will aim to provide participants with information on the relevant legislation and practical experience in order to enhance the effectiveness of the flag State implementation process

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European Maritime Safety Agency

**Training on:**

**Flag State implementation**

**CONTENT:**

- IMO Resolution A.996(25)
- Directive 2009/21/EC on compliance with Flag State requirements
- Delegation of tasks to ROs
- Monitoring the fleet
- Marine accident investigation
- Monitoring the ROs (MSs' experience)
- Voluntary IMO Audit Scheme (including MSs' experiences)

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European Maritime Safety Agency

**Training on:**

**Flag State implementation**

**Previous sessions:**

Never delivered

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European Maritime Safety Agency

**Training on:**  
**Flag State implementation**

**POSSIBLE ATTENDEES:**

Officials from the maritime administrations involved in the Flag State administrative matters both at central and peripheral level

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European Maritime Safety Agency

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European Maritime Safety Agency

**Training on:**  
**ISPS Code (Ship)**

**AIM**

The training shall ensure that participants are provided with a combined knowledge on the main elements of ISPS and auditing procedures and develop a practical approach to the interpretation and application of the ISPS Code (ship related aspects)

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European Maritime Safety Agency

**Training on:**  
**ISPS Code (Ship)**

**CONTENT:**

**Introduction**

- the international legislation on security (UNCLOS, SOLAS)
- the ISPS Code and related background information
- relevant IMO resolutions and circulars including those on piracy and stowaways, EU legislation)
- role of the IMO

**The European legislation**

- introduction to the European legislation on security focusing on differences with the international legislation (Regulation (EC) 725/2004, Directive 65/2005/EC, Commission Regulation 324/2008)
- need and scope of ISPS Code related national legislations
- importance of the ISPS Code in the supply chain and the concept of the inter-modal security policy
- role of the EU and EMSA

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European Maritime Safety Agency

**Training on:**  
**ISPS Code (Ship)**

**CONTENT:**

**Roles and Responsibilities**

- link between ISM and ISPS Codes
- the role, tasks and responsibilities of the flag administrations
- the role, tasks and responsibilities of the Recognized Security Organizations
- the role, tasks and responsibilities of the port (PSCO's and DAO's) and coastal States
- the role, tasks and responsibility of the security personnel
  - Company Security Officer
  - Ship Security Officer

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European Maritime Safety Agency

**Training on:**  
**ISPS Code (Ship)**

**CONTENT:**

**Operational issues**

- Declaration of Security
- verification and certification for ship
- security levels
- drills and exercises
- sanctions
- training requirements
- auditing (types of audits) and inspection in relation to ISPS Code
- ship security assessment (for instance: identification of existing security measures, procedures and operations; identification and evaluation of key ship board operations that it is important to protect; identification of possible threats to the key ship board operations and the likelihood of their occurrence, in order to establish and prioritize security measures; identification of weaknesses, including human factors in the infrastructure, policies and procedures; prioritization of the threats)
- ship security plan (for instance: contents: plan documentation and control; periodic review procedures; plan security and control; etc.)
- control and compliance measures

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European Maritime Safety Agency

**Training on:**  
**ISPS Code (Ship)**

**Previous sessions:**

Two sessions on 2007

Two sessions on 2008



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European Maritime Safety Agency

**Training on:**  
**EDUCATION AND CERTIFICATION OF SEAFARERS**

**POSSIBLE ATTENDEES:**

Officials from the maritime administrations involved in the monitoring and control of compliance of security measures on board ships and Companies



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