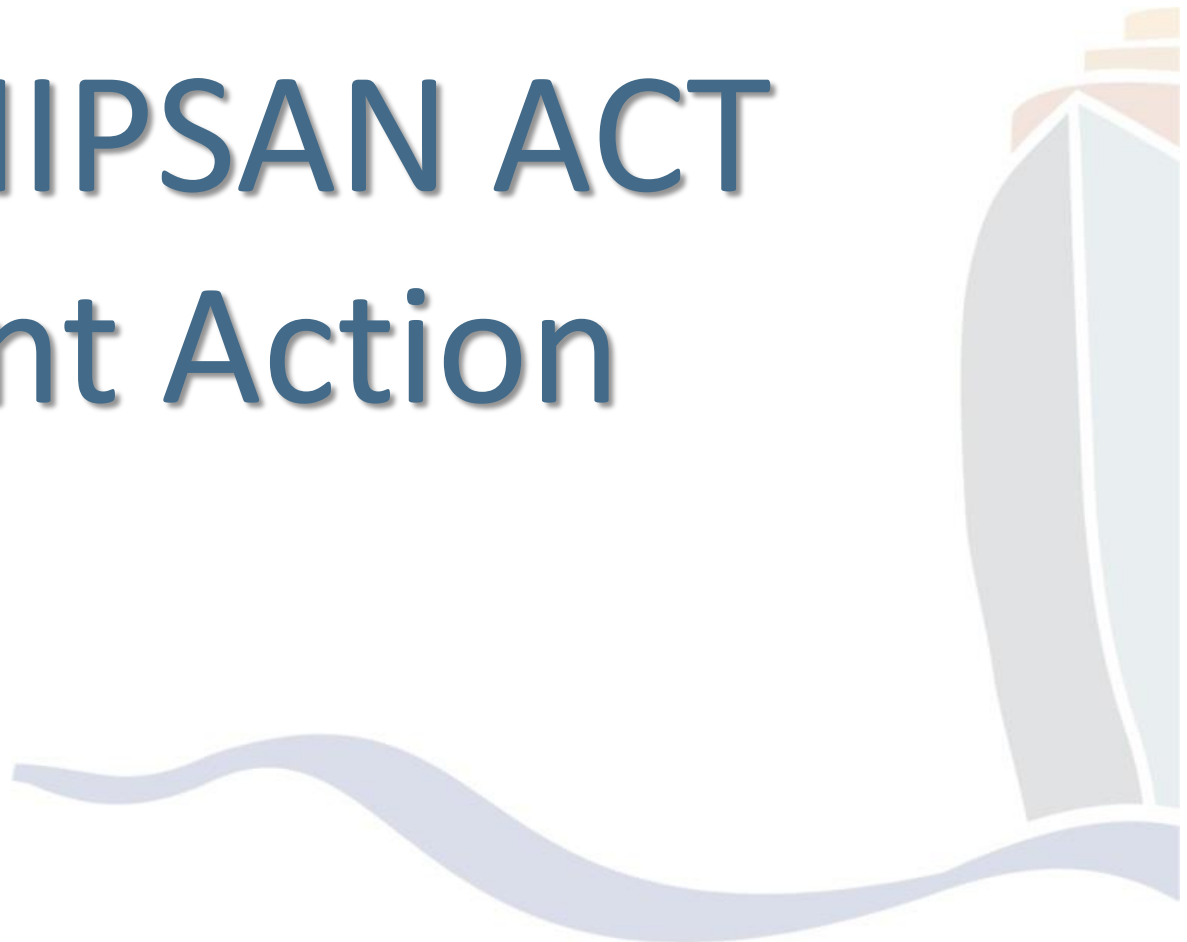




EU SHIPSAN ACT

Joint Action



DG HEALTH & CONSUMERS

PUBLIC HEALTH PROGRAMME 2008-2013

- **Work plan 2012 for the second programme of Community action in the field of health (2008-2013)**
 - 3.1.2.3. The Impact on Maritime Transport of health threats due to biological, chemical and radiological agents, including communicable diseases

Acronym: SHIPSAN ACT Joint Action

Contract Number: 20122103

Duration: 39 Months (January 2013 - April 2016)

The partnership

- **31** institutions from **23** countries were designated by their Ministries of Health

1. Austria
2. Belgium
3. Bulgaria
4. Croatia
5. Cyprus
6. Estonia
7. France
8. Germany
9. Greece
10. Iceland
11. Ireland

12. Italy
13. Lithuania
14. Malta
15. Netherlands
16. Norway
17. Poland
18. Portugal
19. Romania
20. Slovakia
21. Slovenia
22. Spain
23. United Kingdom

General Objective

To strengthen an integrated strategy and sustainable mechanisms at EU level for safeguarding the health of travelers and crew of passenger and cargo ships and preventing the cross-border spread of diseases.

SHIPSAN ACT JA

Focus on: prevention, identification, assessment & link with existing mechanisms for response coordination to serious cross border threats to health caused by CBRN agents

Facilitate the implementation of the EU legislation:

- **Decision 2119/98/EC** on surveillance and response to communicable diseases by linking SIS with existing systems
- **Directive 2010/65/EU** on reporting formalities for ships arriving in and/or departing from ports of the Member States by supporting EMSA to implement MDH
- **Directive 2009/13/EC** based on ILO convention on occupational health by developing an outline of a risk assessment tool for occupational health on ships

Facilitate implementation of IHR:

Supporting core capacities Annex 1b by training, inspections, contingency planning guidance and IHR provisions for conveyances and conveyance operators including SSC

SHIPSAN ACT ACTIVITIES



WP1: Coordination

- Handbook
- Operations plan for permanent implementation
- Interim and final technical and financial reports

WP2: Dissemination

- Dissemination plan
- Website, newsletter
- Exit / Sustainability Plan

WP3: Evaluation

- Evaluation plan
- Interim and final evaluation reports
- Process and outcome indicators

Research:

State of the Art report (WP4)

A five part report will be compiled, consisting of:

Part A

- Literature review on **infectious diseases** on all types of ships.

Part B

- Literature review and survey on **chemical and radiological incidents** in maritime transport.

Part C

- Survey on hygiene inspection practices on **fishing vessels** in EU.

Part D

- Survey on training needs related to **core capacities at points of entry-ports** in EU.

Part E

- Survey on practices & responsibilities of port health authorities along **inland waterways** in EU.

Integrated Inspection Programme (WP5)

- SHIPSAN ACT Joint Action will **facilitate IHR implementation** by:
 - Delivering European and national training courses focused on IHR (2005) and the issuance of Ship Sanitation Certificate (SSC) by using the WHO Learning Programme
 - Running the web based SHIPSAN ACT information system for recording and issuing Ship Sanitation Certificates

Inspections in all types of ships for SSCs

Standards:

WHO Handbook for inspection of ships and issuance of Ship Sanitation Certificates

Tools:

SHIPSAN ACT Information System for recording and issuing Ship Sanitation Certificates under the International Health Regulations 2005, for all types of ships sailing in EU.

<http://ssc.shipsan.eu>

Handbook for Inspection of
Ships and Issuance of
Ship Sanitation Certificates



International Health Regulations (2005)

Integrated Inspection Programme (WP5)

- Aims to bring a **consistent and proportionate approach to ship inspections** of all ship types which will improve the quality of inspections by:
 - providing training (e-learning, face-to-face, on the job);
 - issuing an annual inspection schedule;
 - operating information tools for recording and sharing inspection results.

Inspections of passenger ships

Standards:

SHIPSAN Manual

Tools:

SHIPSAN ACT Information System & Manual

www.shipsan.eu/comnet

2013-2014: Announced inspections accompanied by a SHIPSAN ACT trainer

2015: Unannounced inspections by port health officers trained by SHIPSAN ACT



Chemical and radiological incidents on ships (WP6)

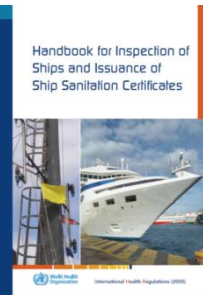
- **Guidelines** for competent authorities on risk assessment and response to chemical/radiological events (accidental/deliberate release)
 - in support to their risk assessment and response to chemical and radiological incidents on ships while the ship is at port.
- **Training material** will be developed on dealing with chemical and radiological incidents.
- **Table top exercises** will be used to pilot test the guidelines.

Guidelines will strengthen current approaches to safeguard the health of travellers and crew on passenger ships and cargo vessels

SHIPSAN ACT Information System (SIS) (WP7)



Communication Network platform facilitating ship-to-port, port-to-ship, port-to-port and port-to-national authority communication.



Information system for recording and issuing Ship Sanitation Certificates under the International Health Regulations 2005 for all types of ships sailing in European Union.



Database for recording inspections conducted against the European standards as provided in the SHIPSAN Manual for Hygiene Standards and Communicable Diseases Surveillance on Passenger Ships.



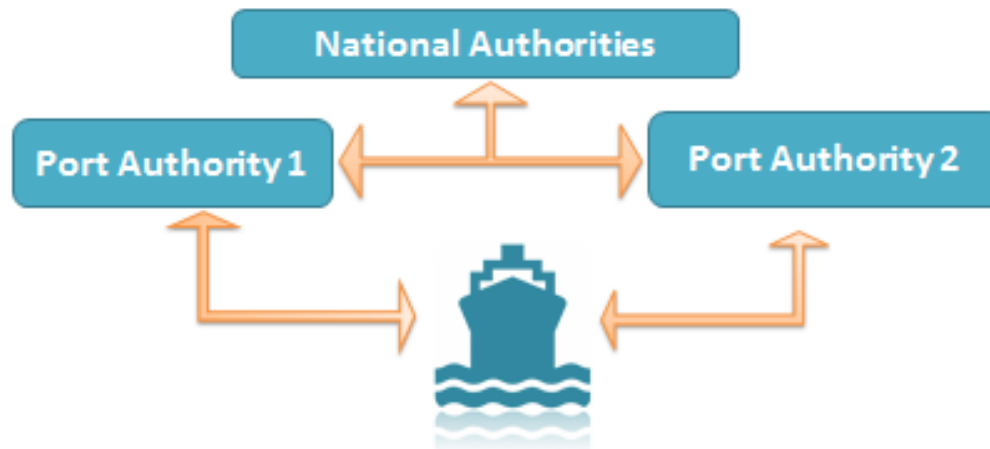
Communication Network platform

www.shipsan.eu/comnet

Functions:

- maintaining **registries** (ports, ships, competent authorities and inspectors)
- sharing **epidemiological information** in a standardized and confidential way
- recording **information for risk assessment**
- **exchanging information** during an outbreak investigation

Communication routes



MODEL OF MARITIME DECLARATION OF HEALTH

To be completed and submitted to the competent authorities by the masters of ships arriving from foreign ports.

Submitted at the port of Date

Name of ship or inland navigation vessel Registration/IMO No arriving from sailing to

(Nationality)(Flag of vessel) Master's name

Gross tonnage (ship)

Tonnage (inland navigation vessel)

Valid Sanitation Control Exemption/Control Certificate carried on board? Yes No Issued at date

Re-inspection required? Yes No

Has ship/vessel visited an affected area identified by the World Health Organization? Yes No

Port and date of visit

List ports of call from commencement of voyage with dates of departure, or within past thirty days, whichever is shorter:

.....

Upon request of the competent authority at the port of arrival, list crew members, passengers or other persons who have joined ship/vessel since international voyage began or within past thirty days, whichever is shorter, including all ports/countries visited in this period (add additional names to the attached schedule):

(1) Name joined from: (1) (2) (3)

(2) Name joined from: (1) (2) (3)

(3) Name joined from: (1) (2) (3)

Number of crew members on board

Number of passengers on board

Health questions

- (1) Has any person died on board during the voyage otherwise than as a result of accident? Yes No
If yes, state particulars in attached schedule. Total no. of deaths
- (2) Is there on board or has there been during the international voyage any case of disease which you suspect to be of an infectious nature? Yes..... No..... If yes, state particulars in attached schedule.
- (3) Has the total number of ill passengers during the voyage been greater than normal/expected? Yes No
How many ill persons?
- (4) Is there any ill person on board now? Yes No If yes, state particulars in attached schedule.
- (5) Was a medical practitioner consulted? Yes No If yes, state particulars of medical treatment or advice provided in attached schedule.
- (6) Are you aware of any condition on board which may lead to infection or spread of disease? Yes No
If yes, state particulars in attached schedule.
- (7) Has any sanitary measure (e.g. quarantine, isolation, disinfection or decontamination) been applied on board? Yes No
If yes, specify type, place and date
- (8) Have any stowaways been found on board? Yes No If yes, where did they join the ship (if known)?
- (9) Is there a sick animal or pet on board? Yes No

Note: In the absence of a surgeon, the master should regard the following symptoms as grounds for suspecting the existence of a disease of an infectious nature:

- (a) fever, persisting for several days or accompanied by (i) prostration; (ii) decreased consciousness; (iii) glandular swelling; (iv) jaundice; (v) cough or shortness of breath; (vi) unusual bleeding; or (vii) paralysis.
- (b) with or without fever: (i) any acute skin rash or eruption; (ii) severe vomiting (other than sea sickness); (iii) severe diarrhoea; or (iv) recurrent convulsions.

I hereby declare that the particulars and answers to the questions given in this Declaration of Health (including the schedule) are true and correct to the best of my knowledge and belief.

Signed

Master

Countersigned

Ship's Surgeon (if carried)

Date

Facilitates the electronic transmission of the Maritime Declaration of Health



Information system for recording and issuing Ship Sanitation Certificates (SSC)

<http://ssc.shipsan.eu>

The screenshot shows the SHIPSAN TRAINET website. The header features the European Union flag, the SHIPSAN TRAINET logo, and the text 'EC DG FOR HEALTH & CONSUMERS EXECUTIVE AGENCY FOR HEALTH & CONSUMERS PUBLIC HEALTH PROGRAMME'. Below this is a navigation bar with 'Home' and 'News' links. The main content area includes a welcome message, a description of the SHIPSAN TRAINET project, and contact details for Nick Bitsolas. A sidebar on the left contains a 'Members Area' with login fields and a 'Latest News' section with two articles about collaborative group meetings and a final conference. The footer contains copyright information and design credits.

EC DG FOR HEALTH & CONSUMERS
EXECUTIVE AGENCY FOR HEALTH & CONSUMERS
PUBLIC HEALTH PROGRAMME
EU SHIPSAN TRAINET Project

Home News

Home

We welcome you to the SHIPSAN TRAINET platform

Welcome to the trial version of the Ship Sanitation Inspection Database Information System.

SHIPSAN TRAINET is a European project funded by the General Directorate for Health and Consumers of the European Commission. It involves **12 associated partners** in **11 European countries** and **24 collaborating partners** including international organisations, professional associations and passenger shipping companies.

This database information system arises from the project EU SHIPSAN TRAINET which has received funding from the European Union, in the framework of the Public Health Programme

The project aims at developing and establishing an EU integrated strategy for safeguarding the health of travellers and crew of passenger ships and for preventing the international and trans-national spread of diseases through ships. This database is the deliverable No 20 of the SHIPSAN TRAINET project. This software is intended for port health officers and other public health workers in charge of the implementation of the IHR at ports and on ships and specifically for conducting inspection for issuance of the Ship Sanitation Control Exemption Certificate/Ship Sanitation Control Certificate. It is based on the WHO RECOMMENDED PROCEDURES FOR INSPECTION OF SHIPS AND ISSUANCE OF SHIP SANITATION CERTIFICATES.

Contact Details
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System administrator
EU SHIPSAN TRAINET Project
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Larissa, 41222
Greece
Tel: 0030 2410 565010
Fax: 0030 2410 565051
Email: nbits@med.uth.gr

Members Area
User Name:

Password:

☐ Remember Login
[Forgot Password ?](#)

Latest News
[SHIPSAN TRAINET 3rd Collaborative Group meeting and Final Conference](#)
The EU SHIPSAN TRAINET project 3rd Collaborative Group meeting will be held on the 3rd October 2011 in Athens, Greece.
The aim of the 3rd Collaborative group meeting is to evaluate and finalise the project deliverables and to discuss the future activities of SHIPSAN TRAINET.
[SHIPSAN TRAINET Final Conference](#)
The EU SHIPSAN TRAINET project Final Conference will be held on the 4th of October 2011 in Athens, Greece.
The aim of the Final Conference is to disseminate the EU SHIPSAN TRAINET results to stakeholders such as the EU Member States, passenger ship industry and to other organizations.
[More Articles...](#)

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Information system for recording and issuing Ship Sanitation Certificates (SSC)

Functions

- Registries
 - Ships
 - Owners
 - Agents
 - Classification Societies
 - Ports
 - Other Organizations/Authorities
 - Port Health Authorities
 - Inspectors
- Overview page
- Inspection forms
- Messages Board
- News section
- Address Book
- Help tool
- Online user manual
- Advance Search
- Sitemap

Information system for recording and issuing Ship Sanitation Certificates (SSC)



Functions

- Generation of an empty checklist, under the IHR 2005
- Generation and print of official documents related with the inspections
 - Ship Sanitation Certificates (SSCC or SSCEC)
 - Evidence Report

[illegible]



Information system for recording and issuing Ship Sanitation Certificates (SSC)

Authorisation

Different users and user groups depending on the access level and authorization:

- System administrator
- Shipsan administrators
- Inspectors
- International Organizations
- National Authorities



Information system for recording and issuing Ship Sanitation Certificates (SSC)

A web-based system for port health officers or other public health worker conducting inspection for issuance of SSCs



To gain access visit <http://ssc.shipsan.eu/>
and complete an application form



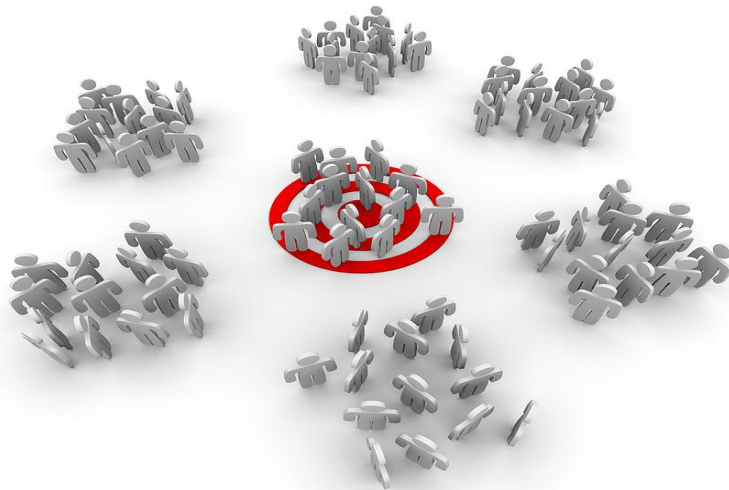
Database for recording inspections conducted against the European standards as provided in the SHIPSAN Manual for Hygiene Standards and Communicable Diseases Surveillance on Passenger Ships.

- The inspection results are shared among the partners through the database, in the secured password protected area.
- Data recorded in the database regarding inspection results:
 - information on the type of inspection
 - deficiencies
 - recommendations for each deficiency
 - date of inspection
 - the inspection report
 - inspectors and employing authorities (authorisation)
 - name of the competent (port health) authority if different from the above
 - name of the port (coded)

Training (WP8)

SHIPSAN ACT training will:

- **increase port health staff and crew competencies** on prevention/risk assessment/response to chemical, biological and radiological threats
 - by training more than 5 trainers within each EUMS and by e-learning courses available to staff in all EUMS and companies operating in EU



Training Tools

e-learning



**Face to face
training courses**



**On the job
training**





Training Courses

for port health officers

Courses focused on IHR (2005) and the issuance of Ship Sanitation Certificate (SSC) by using the WHO Learning Programme

- 1 training course for lead inspectors (EU level)
 - 2 training courses on IHR and issuance of Ship Sanitation Certificates (National level)
- (<http://extranet.who.int/ihr/training>)



Courses focused on the SHIPSAN Manual and the SHIPSAN ACT Information System

- 1 introductory course on the SHIPSAN Manual (EU level)
- 2 advanced courses focused on water safety (EU level)
- 4 introductory courses on the SHIPSAN Manual (National level)





Training Courses

for ship operators, officers and crew

1 introductory course on the SHIPSAN Manual



2 advanced training courses focused on water safety





Occupational health and hygiene in maritime transport (WP9)

- **Risk assessment tool for occupational and public health risks per cargo ship type**
 - The risk assessment tool will be developed using the Online Interactive Risk Assessment (OiRA) tool developed by the European Agency for Safety and Health at Work (EU-OSHA)
 - Opportunities for collaboration will be identified between port health and occupational health authorities.
 - Public health risks of international concern will be identified according to the type of cargo ship.

Important points to take home...

SHIPSAN ACT aims to:

- **Enhance core capacities** of port health authorities and facilitates IHR implementation through:
 - ✓ Establishing an **integrated inspection system** and conducting inspections on passenger ships by using the SHIPSAN Manual (<http://www.shipsan.eu/KeyResources.aspx>)
 - ✓ Delivering **training courses (on the job / e-learning / face to face)**
 - Training courses focused on the SHIPSAN Manual at European and National level
 - Training courses focusing on the SHIPSAN Manual and SHIPSAN information system

...Important points to take home

- ✓ Developing **guidelines** for dealing with chemical and radiological incidents
- ✓ Updating **scientific evidence**

SHIPSAN ACT Information tools
(SIS) will allow:

- ✓ risk assessment
- ✓ standard response
- ✓ rapid information sharing
- ✓ follow up of events related to maritime transport

For further information:

www.shipsan.eu



The impact on maritime transport of health threats due to biological, chemical and radiological agents, including communicable diseases



Login



Shipsan Act

[Home](#) [About Us](#) [Training](#) [Inspections](#) [Chemical Events](#) [Inland Navigation](#) [Fishing Vessels](#) [Occupational Health](#) [Publications](#)



Read

KEY RESOURCES: SHIPSAN Manual and WHO Handbook



Learn

E-LEARNING on Maritime Transport and Health



Use

SHIPSAN INFORMATION SYSTEM for port health authorities of EU.



SHIPSAN VACANCIES

EU SHIPSAN ACT Joint Action

The SHIPSAN ACT is a European Joint Action funded by the European Commission under the Health Programme (2008-2013) where **30 partners** from **23 European countries** participate.

The duration of the EU SHIPSAN ACT Joint Action is **39 months** (February 2013-April 2016).

The EU SHIPSAN ACT Joint Action deals with the impact on maritime transport of health threats due to biological, chemical and radiological agents, including communicable diseases and supports the implementation of International Health Regulations 2005. It aims to:

1. Produce a State of the Art report [Read more...](#)
2. Bring a consistent and proportionate approach to ship inspections in compliance with European Union legislation and International Health Regulations. [Read more...](#)
3. Produce guidance on risk assessment and response to chemical/radiological events (accidental/deliberate release) on ships, to be used as part of the International Health Regulations contingency planning at points of entry of European Union Member States. [Read more...](#)
4. Upgrade and run the SHIPSAN ACT Information System (SIS) consisting of:
 - a) Communication Network platform facilitating ship-to-port, port-to-ship, port-to-port and port-to-national authority communication. [Read more...](#)
 - b) Information system for recording and issuing Ship Sanitation Certificates under the International Health Regulations 2005 for all types of ships sailing in European Union. [Read more...](#)
 - c) Database for recording inspections conducted against the European standards as provided in the SHIPSAN Manual for Hygiene Standards and Communicable Diseases Surveillance on Passenger Ships. [Read more...](#)

News and Events

CALL FOR TRAINERS – EU SHIPSAN ACT Joint Action

The SHIPSAN ACT Joint Action funded by the European Commission DG SANCO will organise 10 pilot ...

28 June 2013 / [News, SHIPSAN Vacancies](#)

Hygiene & Health Practices on Passenger Ships

This course has been co-organised by the EU SHIPSAN ACT Joint Action funded by the European ...

08/10/2013 - 10/10/2013 / [News, Events](#)

EU SHIPSAN ACT JA - Newsletter: Issue 2

The second issue of the SHIPSAN ACT Joint Action Newsletter has been published and it is ...

28 June 2013 / [News, Newsletters](#)

[More News and Events...](#)
[Events on Calendar...](#)

www.shipsan.eu/comnet

- **Communication Network Platform**
- **Database for recording inspections conducted using the SHIPSAN Manual**

<http://ssc.shipsan.eu>

- **SHIPSAN ACT Information System for recording and issuing Ship Sanitation Certificates**

www.shipsan.eu

- **Occupational health risk assessment tool for cargo ships**

<http://elearning.shipsan.eu/>

- **SHIPSAN ACT e-learning platform**

In this issue...

News from the leadership

Thematic sections

- Chemical and radiological issues on ships
- Environmental health and hygiene on ships – Crew accommodation

Infectious diseases on ships

- Non-infective effects of mould in the indoor environment

Recent Publications

News and forthcoming dates

- EU SHIPSAN ACT Joint Action 3-day Working Group meeting, Madrid, Spain, 24-26 April 2013
- EU SHIPSAN ACT Joint Action 2-day Working Group meeting, Athens, Greece, 23-24 May 2013
- EU-OASHA site visit, Bilbao, Spain, 26 April 2013

What's new on the website?

Quiz

Port in focus

- The port of Reykjavik – Service centre in the North-Atlantic

Editorial Mauro Dionisio, Ministry of Health, Italy

Dear friends, dear readers,

Welcome to the second issue of the new edition of our newsletter, refreshed with new sections and from today with a new graphic design too.

SHIPSAN ACT's activities continue and the partnership is kept busy; last month the coordination group meeting was held in Madrid. I have just returned from Athens, where the working group on the SHIPSAN information system and the evaluation of the Joint Action have been held in a friendly atmosphere and with fruitful results.

The inspection program on board ships, in my opinion the 'core activity' of the Joint Action, has begun too. It was decided during the coordination meeting in Madrid, to perform in 2013 a total of 50-60 inspections on cruise ships and ferries. Starting from Malta, it will continue with scheduled inspections in Greek, Italian, Estonian, Dutch and Spanish ports

throughout the whole summer. In the next months and till the end of the Joint Action, the inspection program will be extended to other European ports. For those of you wondering about the framework in which inspections are performed, I would like to clarify that we are performing scheduled announced inspections accompanied by a trainer during the first two years for didactic purposes. However, during the third year, inspections will be conducted unannounced and without the presence of a trainer. Finally, we have started preparing the training course for seafarers in Rome, which will be held in October 2013.

I hope you enjoy reading and I would like to welcome you on the next issue of the newsletter.

News from the leadership

Prof. Christos Hadjichristodoulou, SHIPSAN ACT Joint Action Coordinator
Dr Barbara Mouchtouri, SHIPSAN ACT Joint Action Manager

We are currently on the fifth month of the EU SHIPSAN ACT Joint Action. The last four months were quite busy for the partnership, since different activities of all nine work packages run in parallel.

Three working group meetings were held regarding the State of the Art, the Evaluation work package and the SHIPSAN Information System (SIS). Details on the above meetings are presented in the "News and forthcoming meetings" section of the Newsletter.

The Dissemination plan of the SHIPSAN ACT Joint Action is currently being prepared. A concrete dissemination strategy will provide the basis for diffusing the Joint Action products and make provisions for reaching all levels of stakeholders (internal and external) with a focus on strengthening the adaptation, sustainability and transferability of the EU SHIPSAN ACT Joint Action outcomes. As part of the dissemination strategy, a total of 13 countries have identified the target

groups in their country, and 12 countries have prepared National Dissemination Plans. Moreover, the contact details of the ports authorised to issue Ship Sanitation Certificates under International Health Regulations (IHR 2005) have been collected from 9 countries.

As part of the State of the Art report, four surveys and a literature review will be completed. The Working Group for the State of the Art has already prepared the methodology and the questionnaires, and in the forthcoming months the questionnaires will be pilot tested in five countries (Greece, Germany, Spain, Ireland, and England).

The methodologies have been prepared for preparing the guidelines for dealing with chemical and radiological

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