



European Maritime Safety Agency

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Consultative Network for Technical Assistance (CNTA)

5th meeting

Novelties in EMSA

Lisbon – 1st July 2010

1



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Novelties in EMSA

Content:


Staff

Structure

Training and co-operation team

Operational tools (novelties and on-going activities)

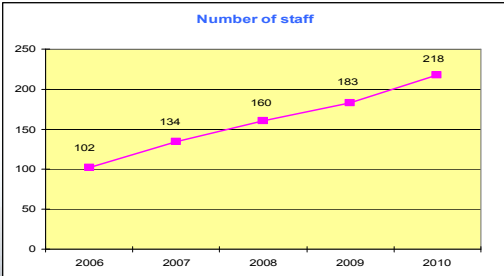
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Novelties in EMSA - Staff

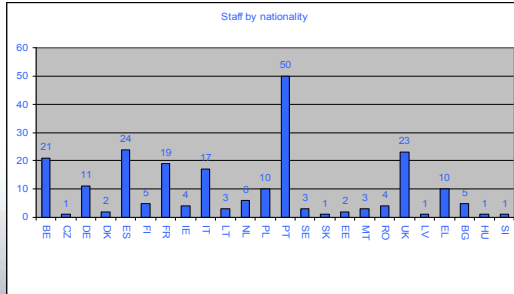
Number of staff



| Year | Number of staff |
|------|-----------------|
| 2006 | 102 |
| 2007 | 134 |
| 2008 | 160 |
| 2009 | 183 |
| 2010 | 218 |

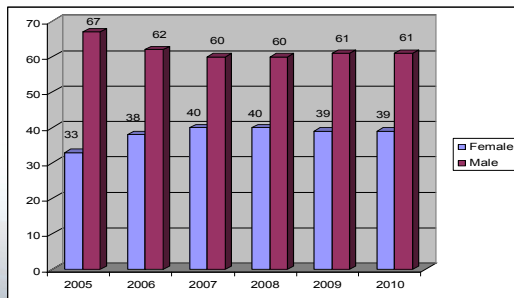
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Novelties in EMSA - Staff



4

Novelties in EMSA - Staff



5

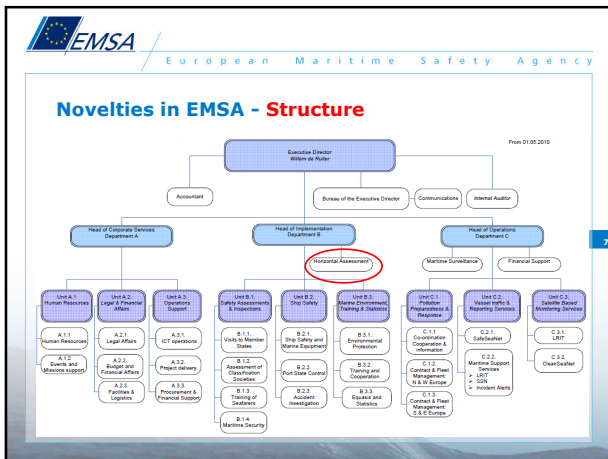
Novelties in EMSA - Structure

Changes in EMSA structure

Horizontal assessment of inspections and visits conducted by EMSA in order to identify common findings, best practices, shortcomings, lessons to be learnt

Recommendations

6



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Novelties in EMSA - Staff

Changes in the Training and Co-operation sector

Andrea has left and he is now the Communication Advisor

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Novelties in EMSA - Staff

Changes in the Training and Co-operation sector

The team is now composed by 2.3 + 1 persons

Giuseppe
Veronica
Nikos

Kris



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Novelties in EMSA – Operational tools

1. Use of AIS data through the SSN Graphic Interface (former STIRES)
2. AIS data to CleanSeaNet
3. Operation and management of EU LRIT Data Centre
4. Integration of LRIT in SSN through the SSN Graphic Interface
5. Maritime Support Service (MSS)



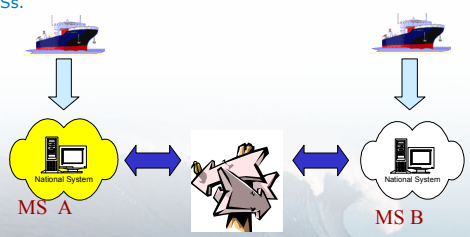
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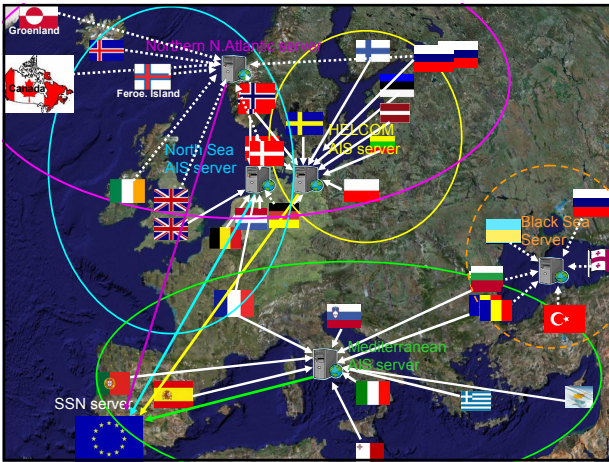


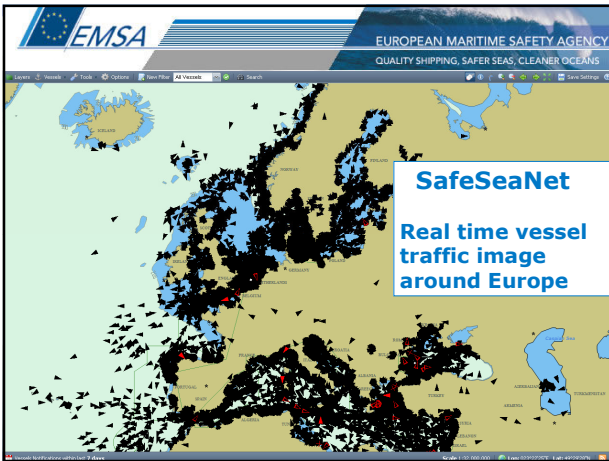


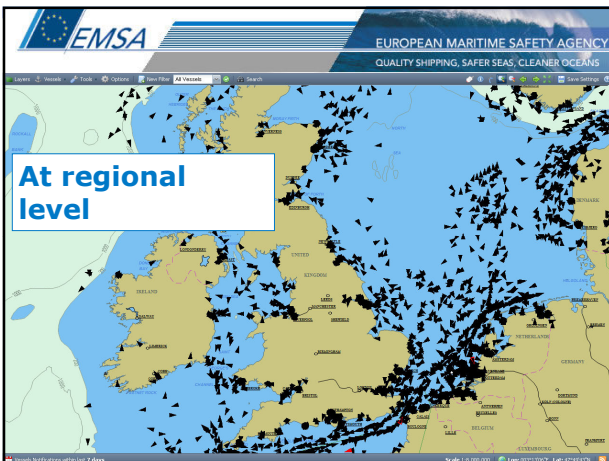
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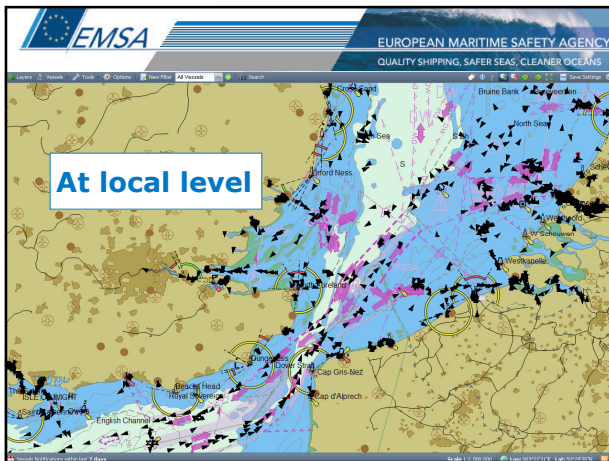
- SSN - EU electronic monitoring network for ship and cargo movements
- Information relating to vessels and incidents is collected at a MS level. Then submitted to EIS (computer located at the Data Centre in Luxemburg) which indexes it, so that it can be further used by other MSs.

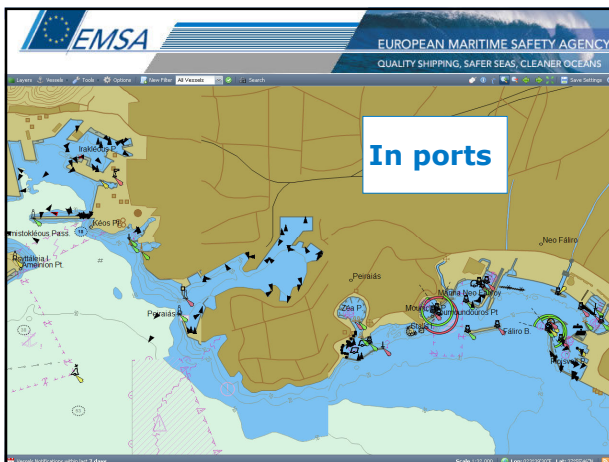


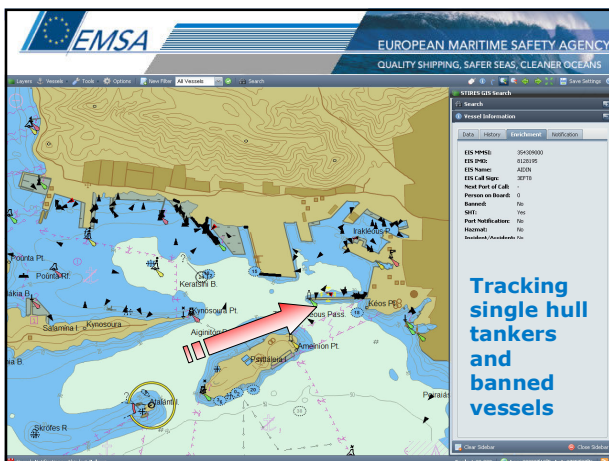


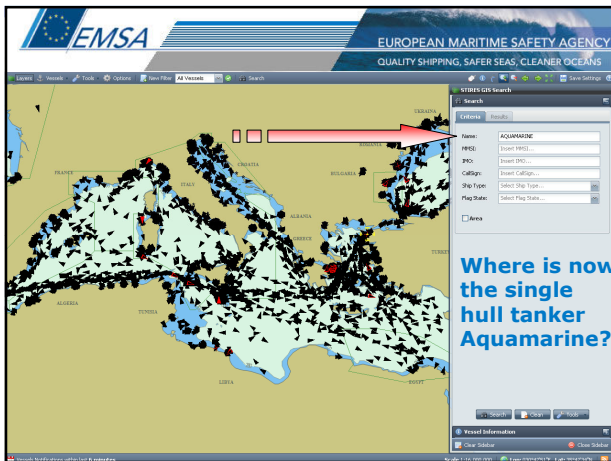


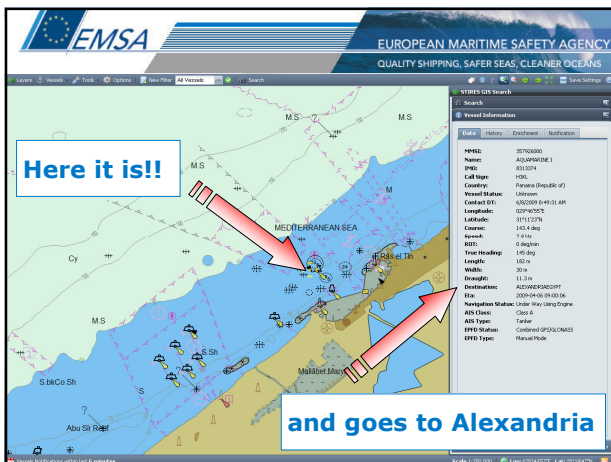


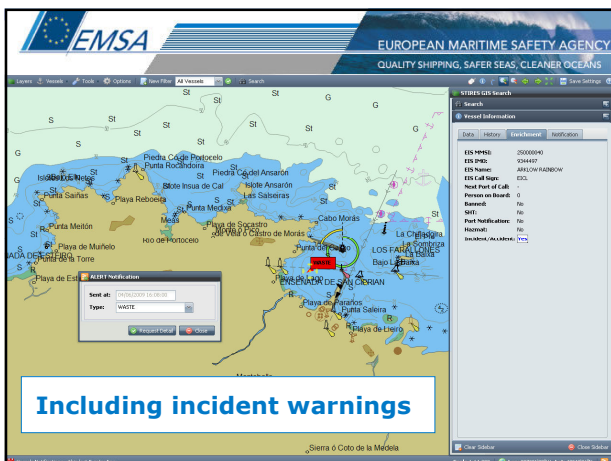


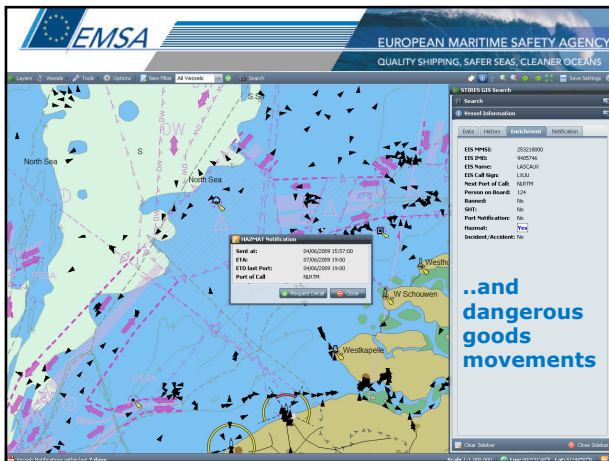


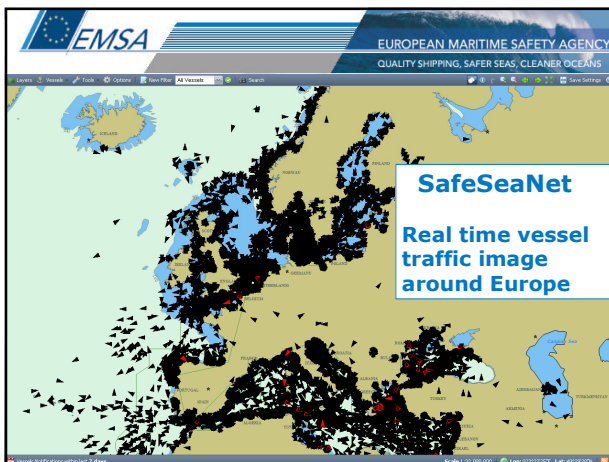













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Novelties in EMSA - Tasks

Development in the operational tools
AIS data to Clean Sea Net

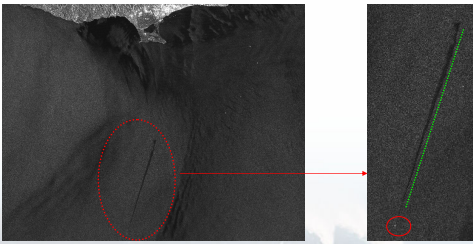
AIS data are also made available to Clean Sea Net, the European satellite based system for monitoring pollution phenomena by ships along the EU coast-line, then used for helping to identify possible polluters

24



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Combining CSN and SSN: Example – High confidence spill




50 km in length

Cyprus Scene with an oil spill indication

Spill connected to a possible polluter

25



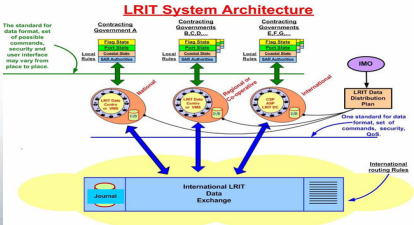
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Novelties in EMSA - Tasks


Development in the operational tools Long Range Identification and Tracking (LRIT)

LRIT is a mandatory reporting system under the SOLAS convention

LRIT System Architecture



26



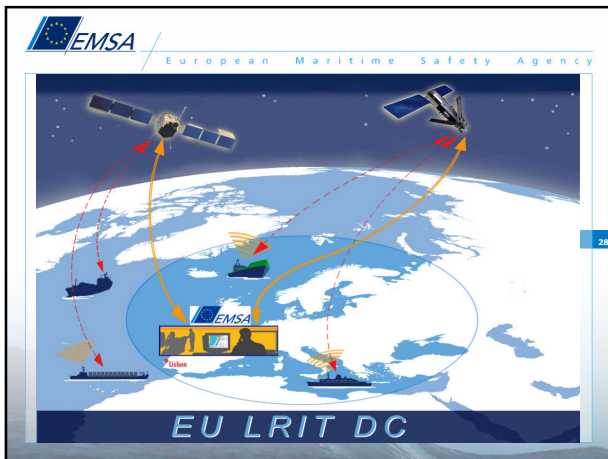
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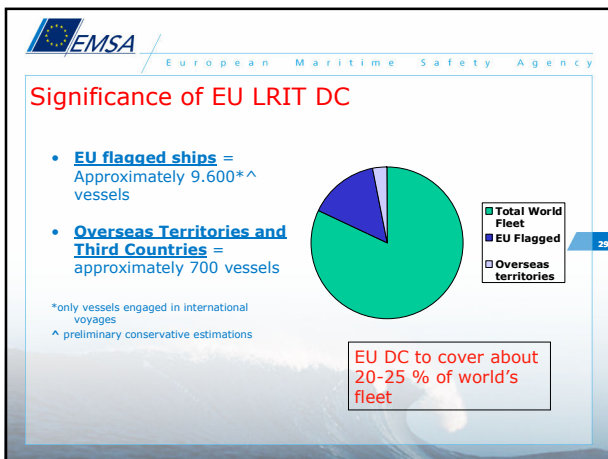
Novelties in EMSA - Tasks

Development in the operational tools Long Range Identification and Tracking (LRIT)

- EU Traffic monitoring Directive 2002/59/EC as amended: legal basis
- Council Resolution of 2 October 2007: collective approach, implementation by EMSA
- Council Resolution of 9 December 2008: participation of third countries, Conditions of Use, clarifying (costs of) SAR messages

27






Novelties in EMSA - Tasks

Development in the operational tools
Long Range Identification and Tracking (LRIT)

EMSA is responsible for the operation and maintenance of the EU LRIT DC

It is also responsible for the associated LRIT Invoicing and Billing system and for the preparation and conducting of annual auditing of the EU LRIT DC by the LRIT Co-ordinator (IMSO)



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Novelties in EMSA - Tasks

Development in the operational tools
Long Range Identification and Tracking (LRIT)

Since last month LRIT data have been integrated into the SSN through the SSN Graphic Interface

Once agreed on the "users", data will be made available for MSs

31



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Novelties in EMSA - Tasks

Development in the operational tools
Long Range Identification and Tracking (LRIT)

Recently IMO has accepted the offer from the Commission to host at the EMSA the International Data Exchange (IDE), currently hosted by the USCG

32



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Novelties in EMSA - Tasks

Development in the operational tools
Maritime Support Services (MSS)

Operational management of the EU core traffic monitoring system (LRIT, SSN, incident alerts, etc) and a 24/7 single point of contact for all maritime operational services

12 MSS operators
Monitoring applications
Monitoring MSs are connected

33




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Novelties in EMSA – Operational tools (future)

34

Currently working on:

1. Exchange of data with other EU Agencies
2. Satellite AIS
3. Safeseanet v.2



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Novelties in EMSA – Operational tools

35

Exchange of data with other EU Agencies

High Level steering group has recently agreed on exchange of AIS data with FRONTEX and CFCA

Currently a pilot project is running in co-operation with France, Spain and Italy to make available data on "blue boxes" through the SSN Graphic Interface



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Novelties in EMSA – Operational tools


36

Satellite AIS

Exploring feasibility of using and making available satellite AIS data

Additional value:

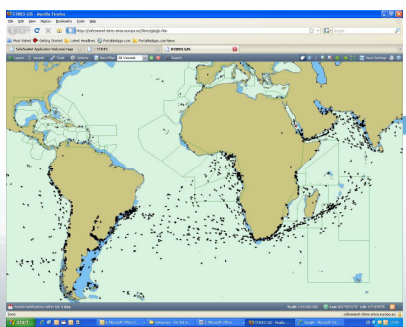
- Worldwide coverage
- Almost real-time picture
- Free of charge



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Novelties in EMSA – Operational tools

Satellite AIS



37



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Novelties in EMSA – Operational tools

SafeSeaNet v.2

MSs feeding SSN with data concerning the ATA and ATD of ships then automatically transferred to the THETIS

38
