

Dept. C - Operations

Training on EMSA's services

Presented to the 11th Meeting of the Consultative Network on Technical Assistance (CNTA)

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Department C: Operations

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■ Dept. C Training on EMSA services

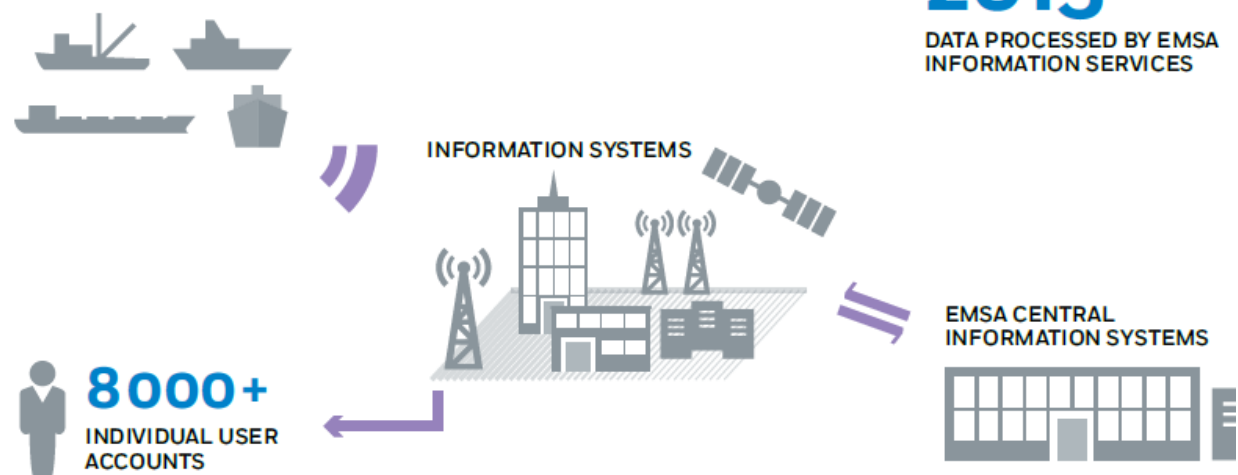
- i. Vessel Traffic Monitoring & Reporting
- ii. Maritime Surveillance
- iii. Pollution Preparedness & Response

■ Training modalities

- i. Operational focus
- ii. Classroom, at EMSA or users premises
- iii. E-learning modules (under development)


■ Training Plan 2016 & 2017

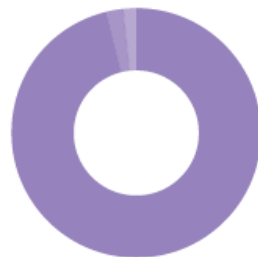
SafeSeaNet (SSN)



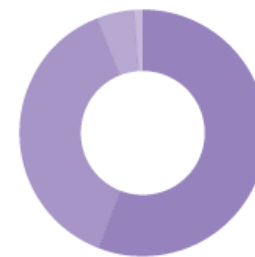
 **1 day**
ACTIVITIES COVERING:

 **15 million**
TOTAL MESSAGES RECEIVED BY EMSA
ON 26/05/2015

 **79000**
NUMBER OF DISTINCT VESSELS DETECTED
PER SOURCE ON 26/05/2015

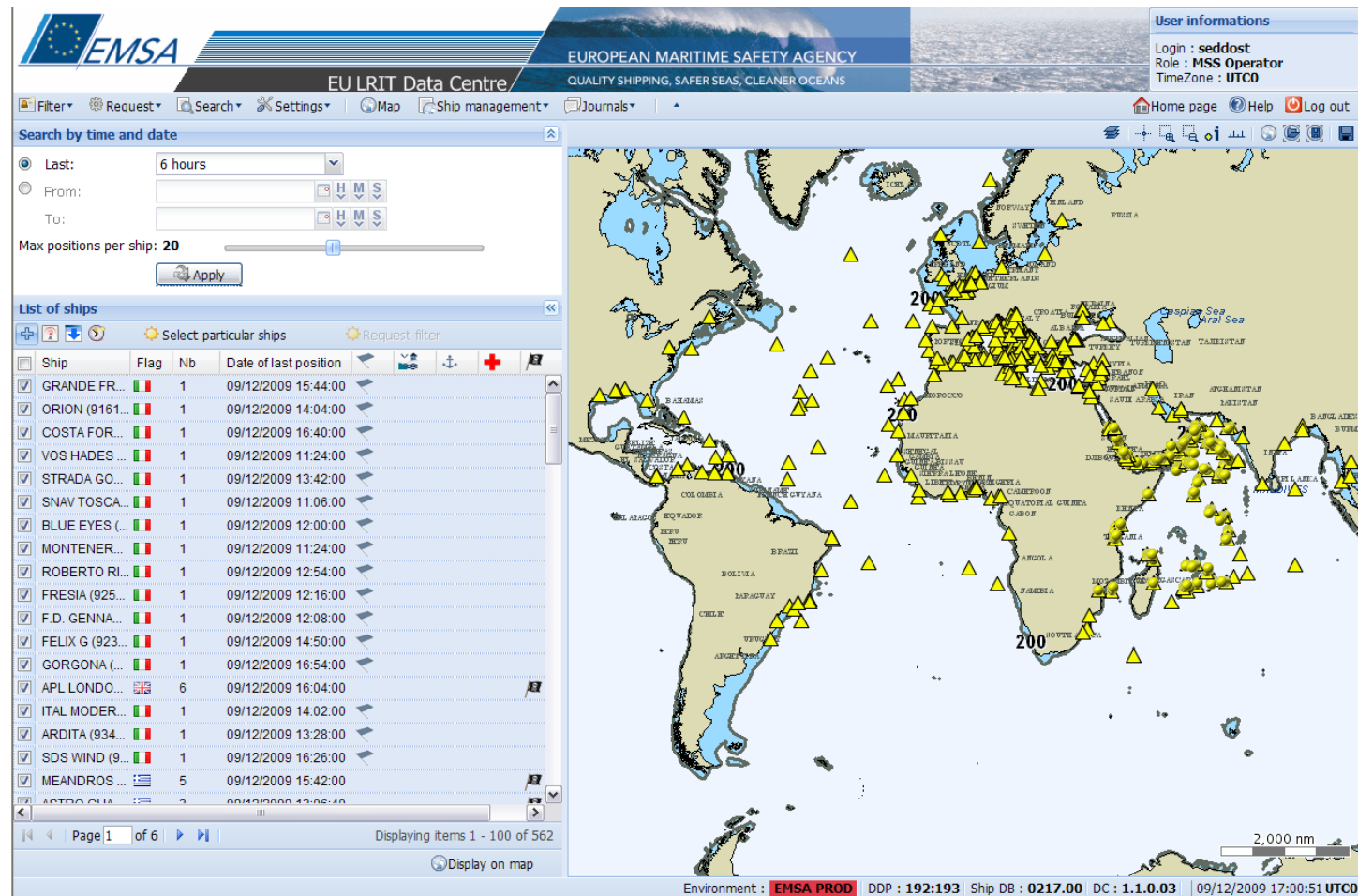


AIS	14 801 559
(terrestrial & satellite)	
VMS	54 557
LRIT	31 068



S-AIS	56%
T-AIS	38%
LRIT	5%
VMS	1%

EU Long Range Identification and Tracking Co-Operative Data Centre (EU LRIT-CDC)



Training on SSN & EU LRIT CDC

- **Objective:** to provide support to Member States on the operation of their national SSN systems and on the EU LRIT CDC

- SafeSeaNet (Basic & Advanced)
- SafeSeaNet for Systems Administrators
- SafeSeaNet Incident Reporting
- SafeSeaNet HAZMAT Reporting
- EU LRIT CDC Training (Basic & Advanced)

CleanSeaNet



30 minutes

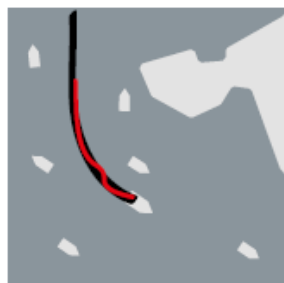
NEAR REAL TIME SERVICE

between satellite image acquisition
and reporting of detection results to
the affected coastal state

500

KM² PER IMAGE

making every single
image potentially
relevant for several
coastal states



3052 TOTAL IMAGES
DELIVERED IN 2015

POSSIBLE OIL
SPILLS DETECTED

2423

EMSA SATELLITE PORTFOLIO EXPANDED

in addition to Radarsat-2, currently EMSA's
portfolio includes the Sentinel-1, the
TerraSar-X and the Tandem-X constellation



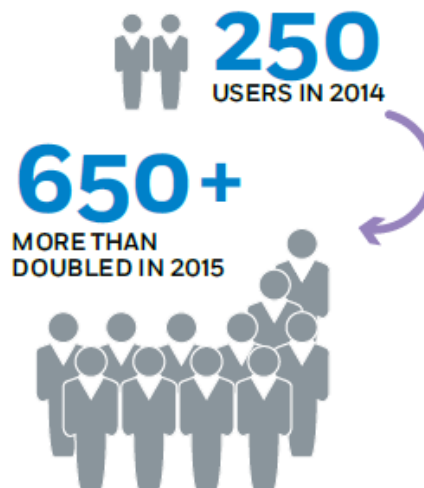
Integrated Maritime Services (IMS)

2015







INTEGRATED MARITIME DATA ENVIRONMENT



TOTAL AMOUNT OF USERS



USES AND SERVICES PROVIDED

-  Maritime safety and security
-  Fisheries control
-  Defence
-  Customs
-  General law enforcement
-  Marine environmental protection

19 MEMBER STATES

4 BODIES INVOLVED



8 NON-EU COUNTRIES

Training on IMS, CSN & surveillance services

- **Objective:** to provide support to Member States, EU Agencies and non EU-countries on IMS services, CSN and other surveillance systems

- Integrated Maritime Services for Member States
- Integrated Maritime Services for EU Agencies and other bodies
- Integrated Maritime Services for non-EU countries
- CleanSeaNet (Basic & Advanced)
- *New surveillance services using satellite images and Remotely Piloted Systems (courses for future development)*

Training on oil pollution preparedness and response

- **Objective:** to provide training on new EMSA pollution response services for MSs and to address specific topics of interest to the marine pollution response community, as requested by the CTG MPPR (Consultative Technical Group for Marine Pollution Preparedness & Response)
- Equipment Assistance Service, offering stockpiles of pollution response equipment located at Member States
- Surveillance systems for marine pollution detection and assessment

■ Operational focus

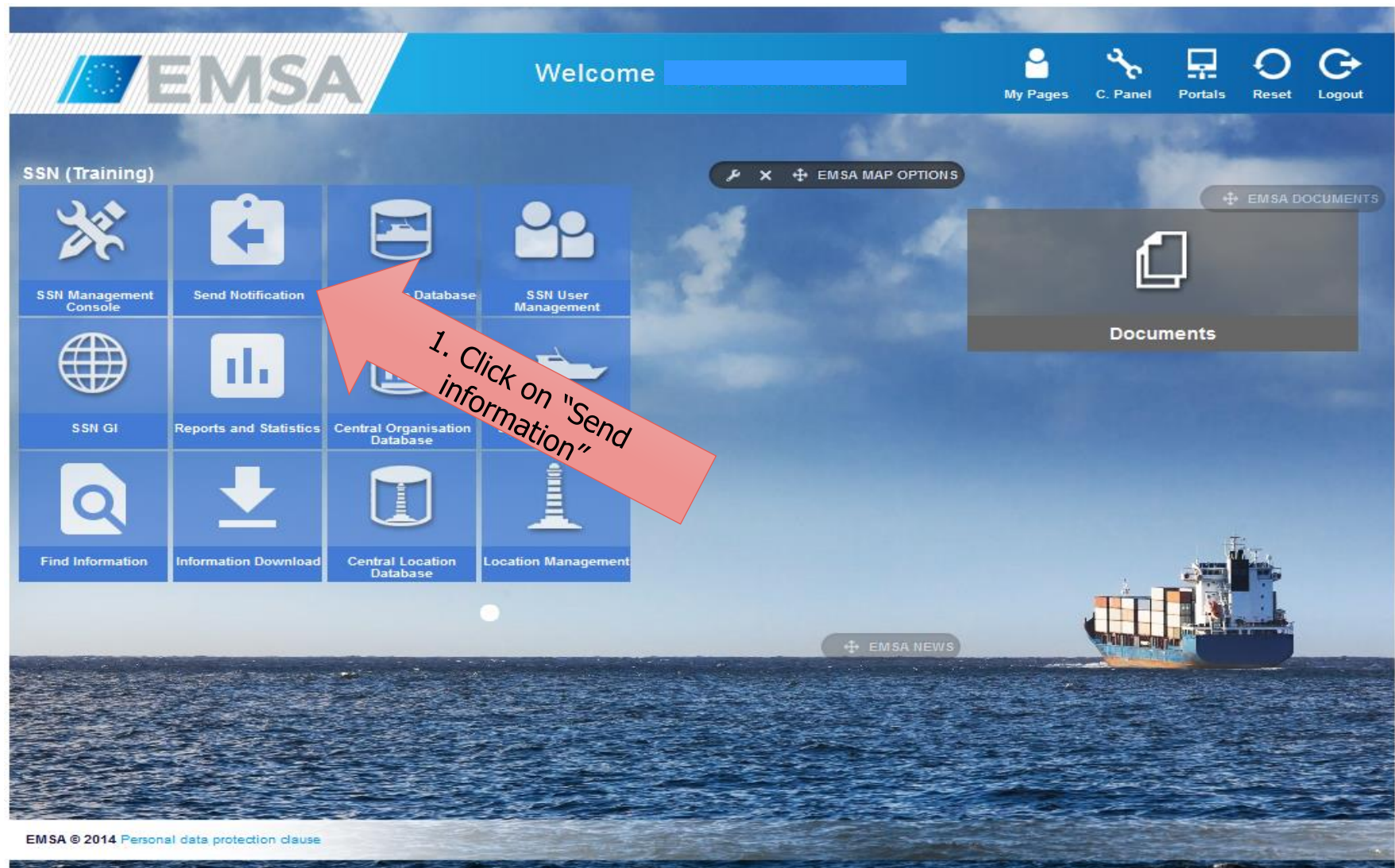
■ Audience

- i. Operators or systems administrators working in MRCC's, VTS Centers, pollution response services, search and rescue services, maritime administrations, Coastguard, Port State Control..
- ii. EU Agencies and other stakeholders e.g. EFCA, FRONTEX, OLAF, MAOC-N, EU-NAVFOR

■ Location

■ Teleconference/Videoconference

EMSA Web Portal – hands on training



The screenshot displays the EMSA Web Portal interface. At the top, the EMSA logo is on the left, and a 'Welcome' message with a blue bar is in the center. On the right, there are navigation links: 'My Pages', 'C. Panel', 'Portals', 'Reset', and 'Logout'. Below the header, the main content area features a grid of icons for various functions. A red arrow points to the 'Send Notification' icon, which is labeled '1. Click on "Send information"'. The grid includes icons for 'SSN Management Console', 'Send Notification', 'SSN Database', 'SSN User Management', 'SSN GI', 'Reports and Statistics', 'Central Organisation Database', 'Find Information', 'Information Download', 'Central Location Database', and 'Location Management'. To the right of the grid, there are two expandable sections: 'EMSA MAP OPTIONS' and 'EMSA DOCUMENTS'. The 'EMSA DOCUMENTS' section is currently expanded, showing a 'Documents' button. At the bottom of the page, there is a copyright notice: 'EMSA © 2014 Personal data protection clause'.

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■ E-learning modules (under development)

- i. Introduction to the SafeSeaNet Ecosystem Graphical User Interface (Common user interface for SSN, LRIT, CSN and Integrated Maritime Services)
- ii. Activation of EMSA's pollution response services (Network of standby oil spill response vessels, MAR-ICE datasheets, Equipment Assistance Service, DUET Dispersant Usage Evaluation Tool)
- iii. Maritime Support Services (MSS 24/7) - Issuing of digital certificates

Training Plan 2016

Date	Training course	Location
17-18 Mar	Training for OLAF Investigators on SSN and IMS	Brussels
13-14 Apr	Training for OLAF MS on SSN and IMS	EMSA
27-28 Apr	Irish Coast Guard Training on SSN and IMS	Dublin
13 May	IMS for MS Training	EMSA
13-15 Sep	IMS for MS Training for Baltic Sea countries	Riga
15 Sep	Equipment Assistance Service Training Seminar in the North Sea stockpile	Aberdeen
21-22 Sep	CSN Basic Training for Duty Officers	EMSA
28-29 Sep	CSN Basic Training for Duty Officers	EMSA
5 Oct	Equipment Assistance Service Training Seminar in the Baltic Sea stockpile	Gdansk
13 Oct	Training for MAOC-N (Training on the use of IMS and EO products for counter narcotic operations support)	EMSA
18 Oct	SSN HAZMAT/LRIT Training	EMSA
21 Oct	IMS for MS Training	EMSA
28 Oct	Training for EFCA (Training on the use of IMS and EO products for fisheries monitoring)	EMSA
29-30 Nov	Use of Surveillance Systems for Marine Pollution Detection & Assessment	EMSA

- Training courses on SSN, LRIT-CDC, IMS and CSN are planned in agreement with the Member State National Competent Authorities (NCA's), or with the relevant stakeholder representative, for each system (2017 dates not yet agreed).

- Training courses on marine pollution preparedness and response services are planned in agreement with the CTG MPPR (Consultative Technical Group for Marine Pollution Preparedness & Response)
- In 2017 training on hazardous & noxious substances (HNS) marine pollution response and training on oil sampling (“fingerprinting”) from MSs experts for MSs are planned under the CTG MPPR framework (2017 dates not yet agreed).



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