

SafeSeaNet

The EU Vessel and Traffic Monitoring
Information System

Marta Lima / Senior Project Officer
Department C: Operations/Unit C.2.2

Lisbon / 27 April 2015





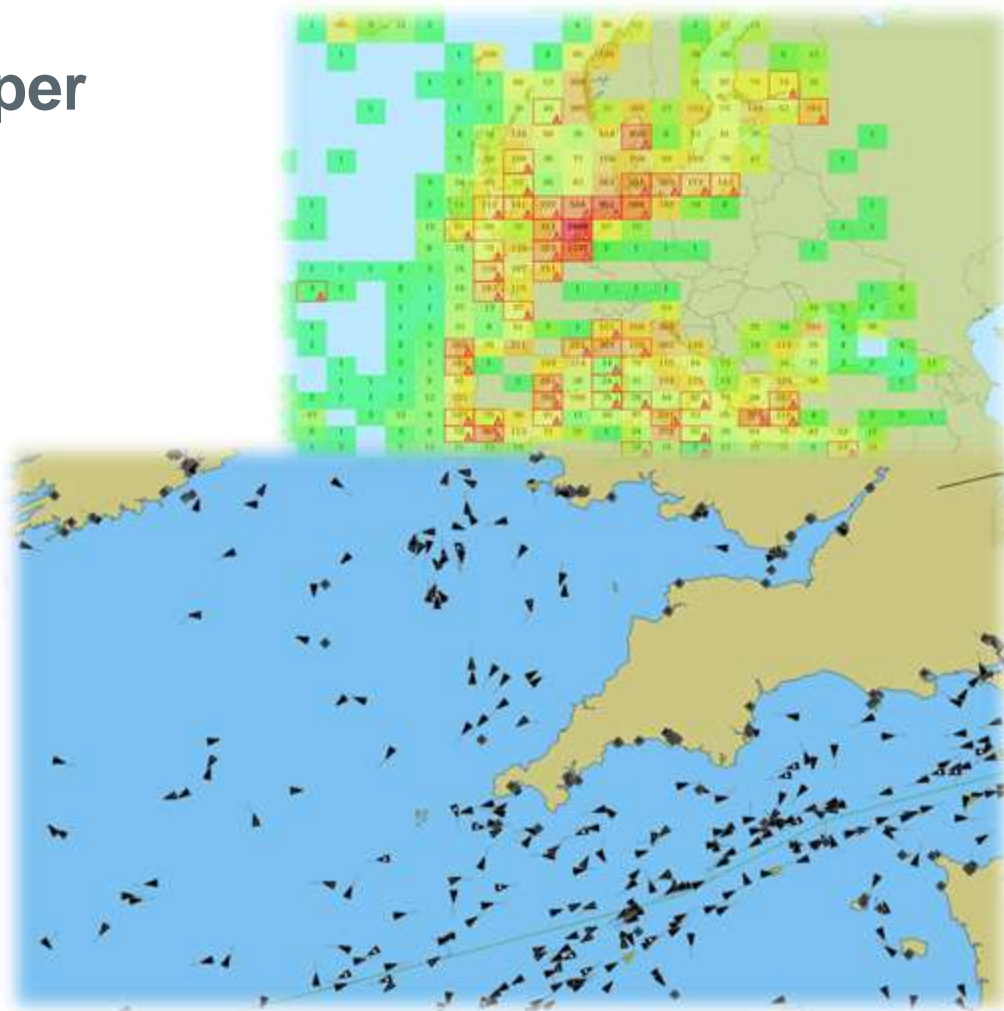
SafeSeaNet is a European Platform for Maritime Data Exchange developed in accordance with Directive 2002/59/EC

The exchange of vessel, voyage and other information via SSN supports users at EU and MS level in the:

- efficient and timely response to incidents or pollution at sea, including search and rescue;
- monitoring of ships that pose a potential risk to the safety of shipping and the environment, including those involved in incidents;
- effective collection of information to support inspections, safety and security;
- efficient management of port traffic.

General presentation

- Around **17,000 ships per day** are tracked in European waters
- Over **160,000 reports** received per **month**
- Over **100 million AIS** positions per month





■ National Competent Authorities (NCA)

■ Local Competent Authorities (LCA):

- Maritime administrations
- Ports
- Coast Guards
- Port Reception Facilities (PRF)
- Port State Control (PSC)
- Vessel Traffic monitoring center's
- Maritime Rescue Coordination Centre's (MRCC)
- Counter pollution / Pollution survey center's





SSN expanded to provide information to users for:

- Port State Control Directive 2009/16/EC (pre-arrival / ATA / ATD)
- Reporting Formalities Directive 2010/65/EU (Waste and Security authorities)

Other users added under specific pilot projects

- Customs, border control, fisheries authorities, navies, etc.

Over 2500 authorities/users

Information exchanged through SSN



Port notifications: pre-arrival information sent to ports in advance of a ship's arrival

Hazmat notification: information on carriage of dangerous and polluting goods

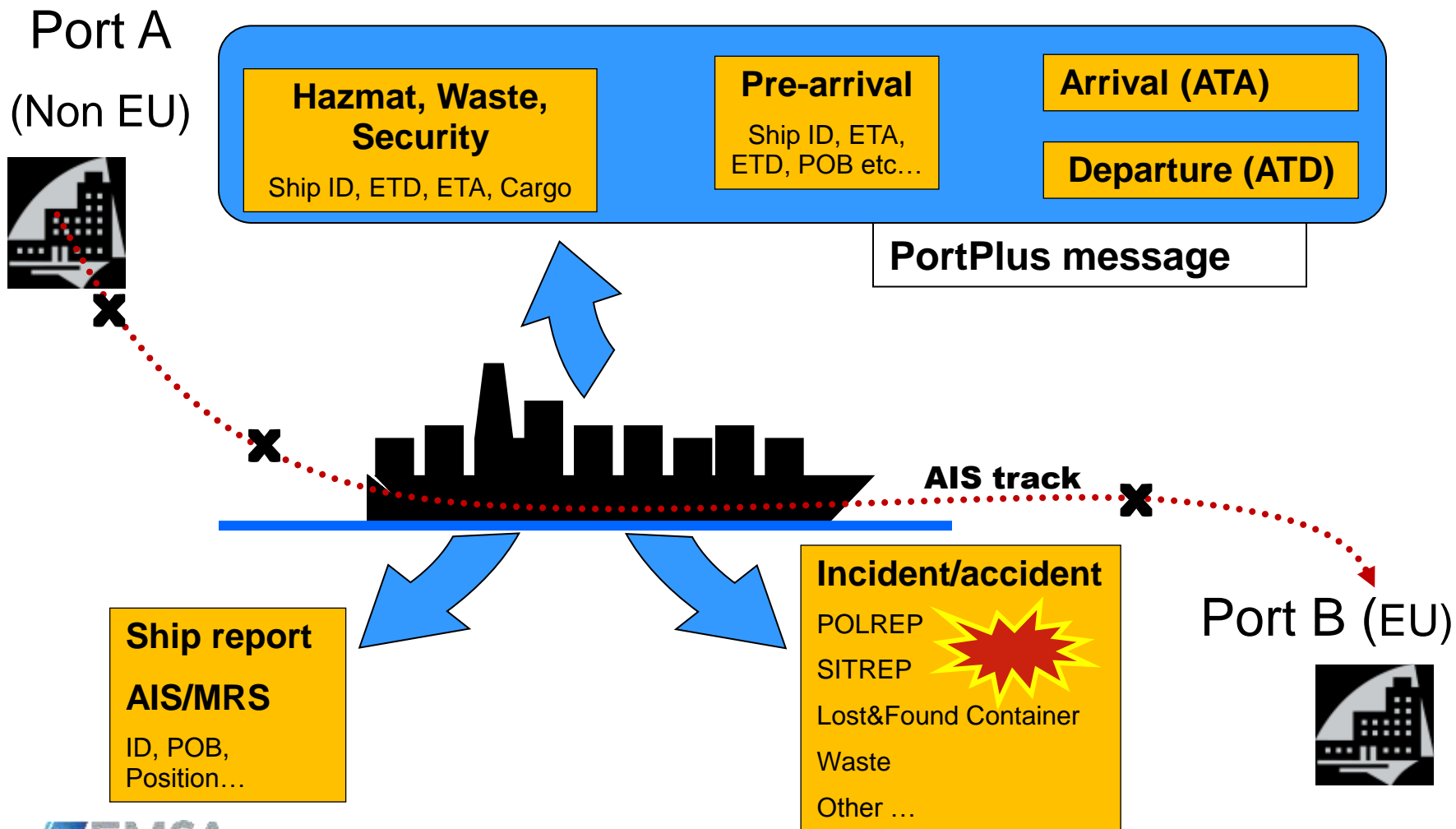
Ship notifications: Terrestrial AIS positions and MRS records sent when ships are in mandatory reporting areas

Incident reports: Member State information submitted about accidents and/or incidents which occur at sea

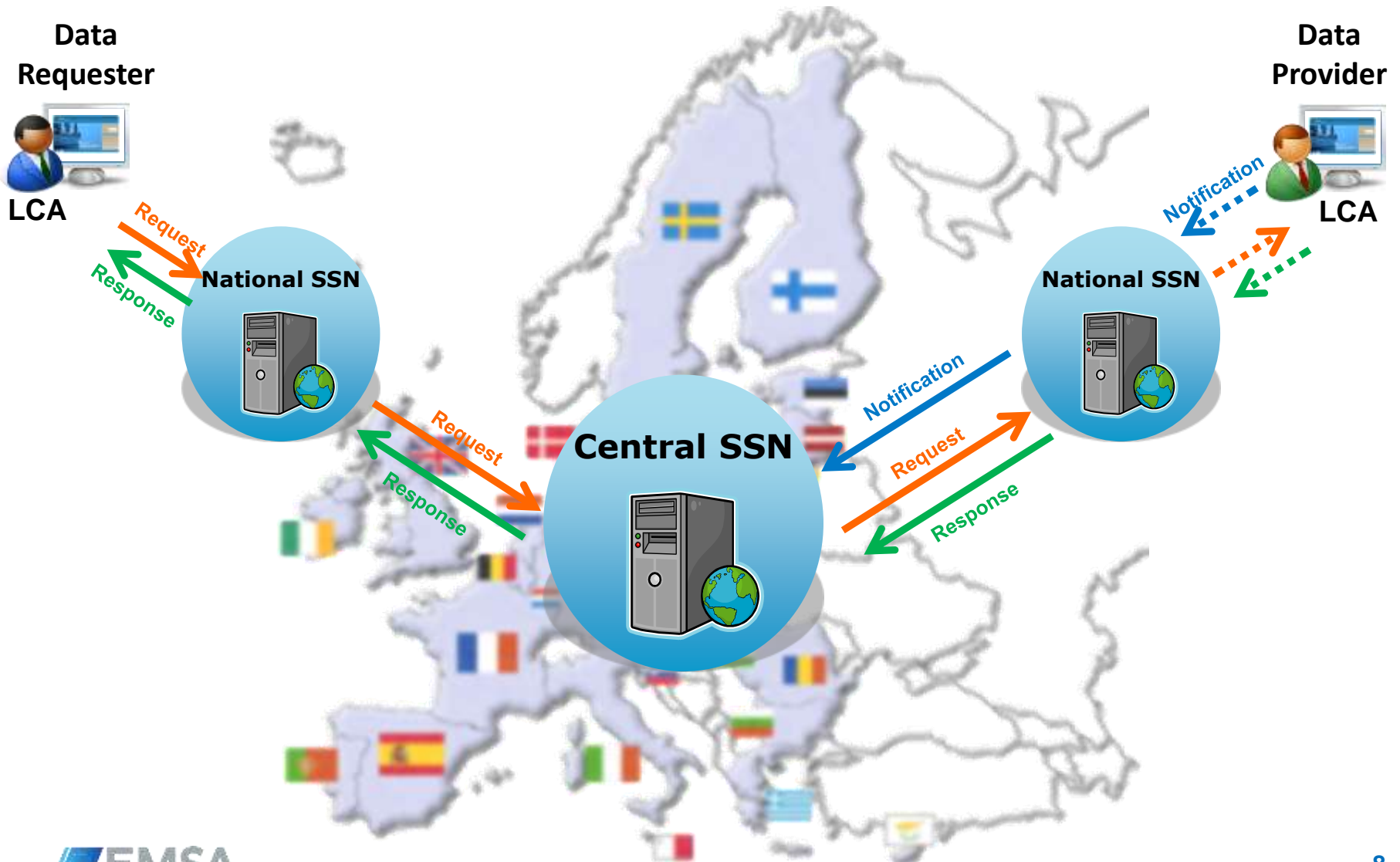
Waste notifications: Prior to ship's entry into a port of a Member State, ship-generated waste and cargo residues information

Security notifications: Prior to ship's entry into a port of a Member State, security information

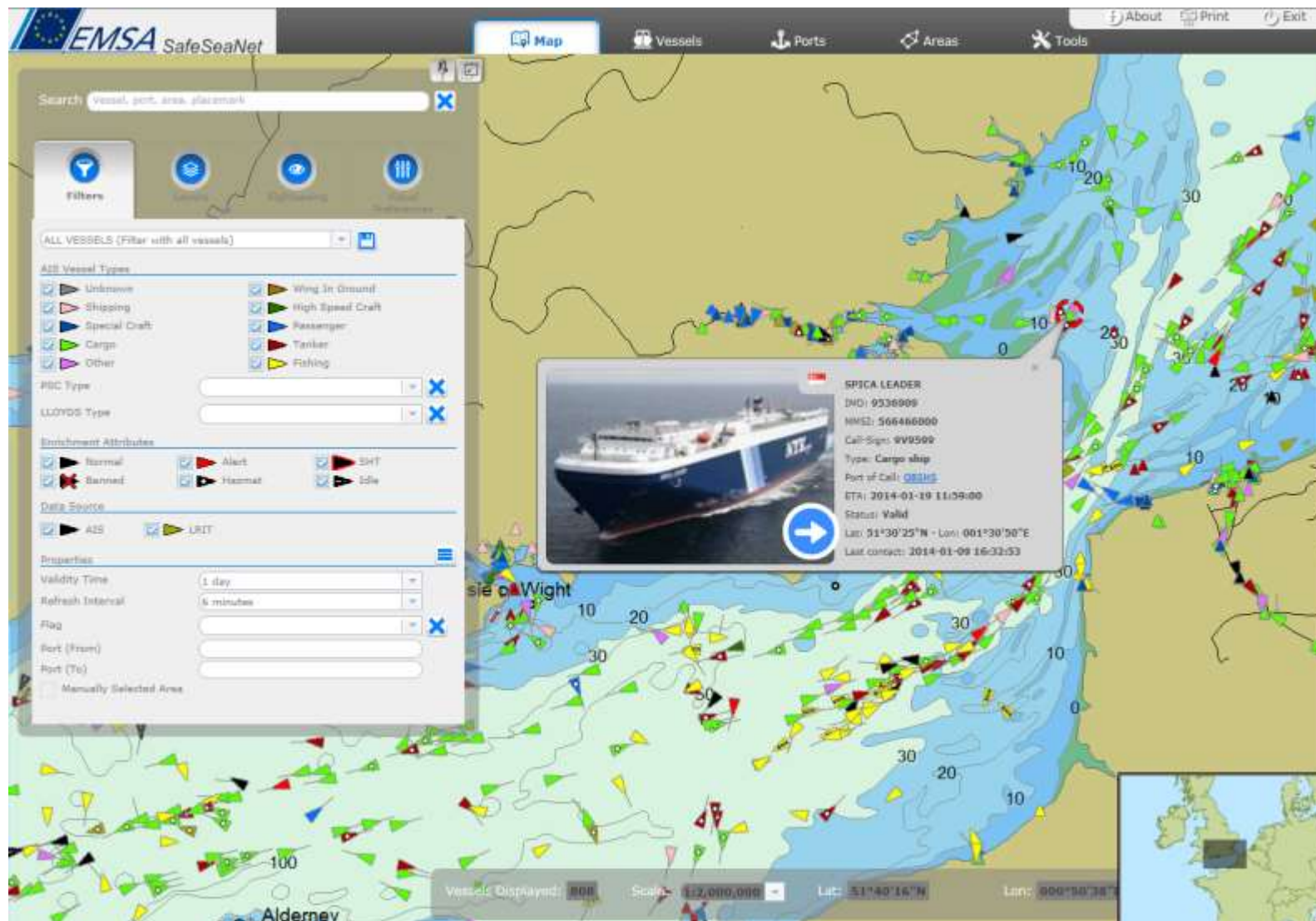
Information exchanged through SSN



Information exchanged through SSN



SSN Graphical interface



SSN Graphical interface

The screenshot displays the SSN Graphical interface within a web browser. The browser's address bar shows the URL `tportal.emsa.local/ssn-gi/main.jsp#`. The interface features a map of Corsica with depth contours and a vessel icon. A pop-up window provides details for the vessel **BASILUZZO M**, including its IMO, MMSI, Call-Sign, Type, Port of Call, ETA, Status, Waste, Security, and coordinates. A red circle highlights the vessel's position on the map. To the right, a sidebar titled "Voyage Details Excluding Hazmat Info" contains sections for Arrival Notification, Departure Notification, Hazmat Confirmation, and Security notification. The "Notification of waste and residues - Summary" section is highlighted with a red border, showing the last port where waste was delivered (FRFOS), the date when waste was delivered (2015-03-21 00:00:00), and the waste delivery status (All).

File Edit View History Bookmarks Tools Help

ssn-gi

tportal.emsa.local/ssn-gi/main.jsp#

EMSA SafeSeaNet

Map Vessels Ports Areas

2000 200 500 1000

Iles Sanguin

200 500 1000

CORSE

Ile Lavezzi

I. La Maddalena

Vessels Displayed: 34 Scale: 1:1,000,000 Lat: 42°27'24"N Lon: 010°06'10"

BASILUZZO M
IMO: 9323857
MMSI: 247149100
Call-Sign: IBSY
Type: Tanker
Port of Call: [ITLIV](#)
ETA: 2014-10-30 14:00:00
Status: Valid
Waste: No
Security: No
Lat: 42°00'54"N - Lon: 010°03'36"E
Last update: 2015-03-16 17:12:25

Voyage Details Excluding Hazmat Info

POB voyage towards Port Of Call: 17

Arrival Notification
ATA to Port Of Call:
Ship is at anchorage:

Departure Notification
ATD from Port Of Call:
POB voyage towards Next Port:

Hazmat Confirmation
Dangerous or polluting goods on board: N

Dangerous or polluting goods carried on board - Summary
INF ship class:
DG classification:

Notification of waste and residues - Summary
Last port where waste was delivered : FRFOS
Date when waste was delivered: 2015-03-21 00:00:00
Waste delivery status: All

Security notification - Summary
Ship security level:
Name of agent at port of arrival:
Phone:
Fax:
Email:

SSN Graphical interface

Information details

Vessel

IMO Number : 9323857
MMSI Number : 247149100
Call Sign : IBSY
Ship Name: BASILUZZO M.
Flag: 

Voyage

Voyage Information

Ship Call Id: IT8585
Last Port: FRFOS
Port Of Call: ITLIV
Position in port of call:
Port Facility:
ETD From Last Port: 2015-03-21 00:00:00
ETA To PortOfCall: 2015-03-22 00:00:00
ETD From PortOfCall: 2015-03-23 00:00:00
Next Port:
ETA To NextPort:
Brief Cargo Description:
Purpose of Call:

Notification of waste and residues

Source of the information

Provider of the last update: nswitrom1 **Date and time of the last update:** 2015-03-17 11:10:06 **ShipCallId:** IT8585

Last port and date when ship-generated waste was delivered

Port: Fos-sur-Mer (FRFOS) **Date:** 2015-03-21 00:00:00

Waste delivery status: All

Type and amount of waste and residues to be delivered and/or remaining onboard, and percentage of maximum storage capacity

« « » » » »

Waste type	Waste to be delivered	Maximum dedicated storage capacity	Amount of waste on board	Port of delivery of remaining waste	Estimated amount of waste
1100 - Waste oils - Sludge	100.0 m3	500.0 m3	0.0 m3		50.0 m3
1301 - Waste oils - Other - Used engine oil	50.0 m3	100.0 m3	10.0 m3	Civitavecchia (ITCVV)	20.0 m3
2300 - Garbage	100.0 m3	500.0 m3	0.0 m3		300.0 m3
5000 - Cargo residues - others	500.0 m3	1000.0 m3	0.0 m3		200.0 m3

SSN Graphical interface Incident Report

The screenshot displays the EMSA SafeSeaNet web application. The browser window shows the URL `tportal.emsa.local/ssn-gi/main.jsp`. The application interface includes a menu bar with options like File, Edit, View, History, Bookmarks, Tools, and Help. Below the menu, there are tabs for SSN Home, ssn-gi, and SafeSeaNet 3.0.2. The main content area is divided into two panels. The left panel contains the Incident Report form, which is currently displaying the 'Waste' section. The right panel shows a map of the Mediterranean Sea, with a red circle highlighting the location of the incident near the coast of Italy.

Incident Report Info

Incident ID: EUSJQJWS/SWIS/IS
Incident Type: Waste
Report Sequence: 1

User Identification

User Id: LHMAGNA

Authority Reporting Incident

Incident Report Vessel List

Vessels List

Vessel Identification	Vessel Description	Voyage Info	Ship Position At Time of Incident	Ship Position At Time of Reporting	Cargo Manifest
IMO Number : 9349958 MMSI Number : 230111947 Call Sign : ZDRH Ship Name : APL LOS ANGELES	Port of Departure : PIRAE Port of Destination : TCVV Number of Persons : 17	Last Name : Lora Prefix Name : Maria Licence : BUCOM Phone : +352311209367 Fax : +352311209357 E-mail : maria.lora-palao@emsa.europa.eu			

Associated Incident Report List

Feedback List

Incident Details | View Incident Document

Waste

Non Compliance Information

Waste Delivery Due Port : PIRAE
ETD :

Inspection Reason : Waste not delivered

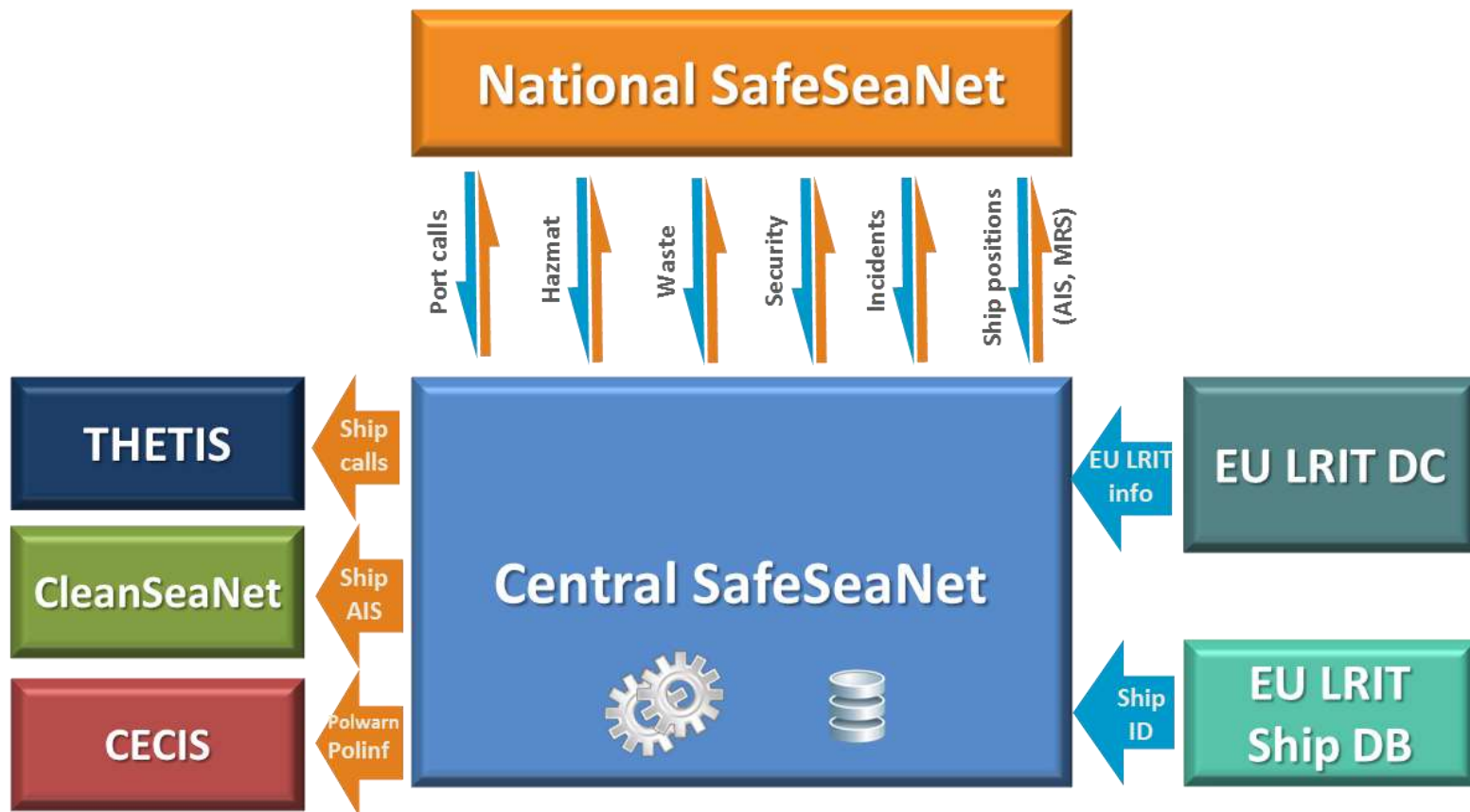
Deficiencies

Inspection Authority

Name : phone :
Fax : Email :

Action Taken

SafeSeaNet – Interfaces with other EU systems





emsa.europa.eu

twitter.com/emsa_lisbon

facebook.com/emsa.lisbon

