



SafeSeaNet

EMSA Workshop on the PRF Directive

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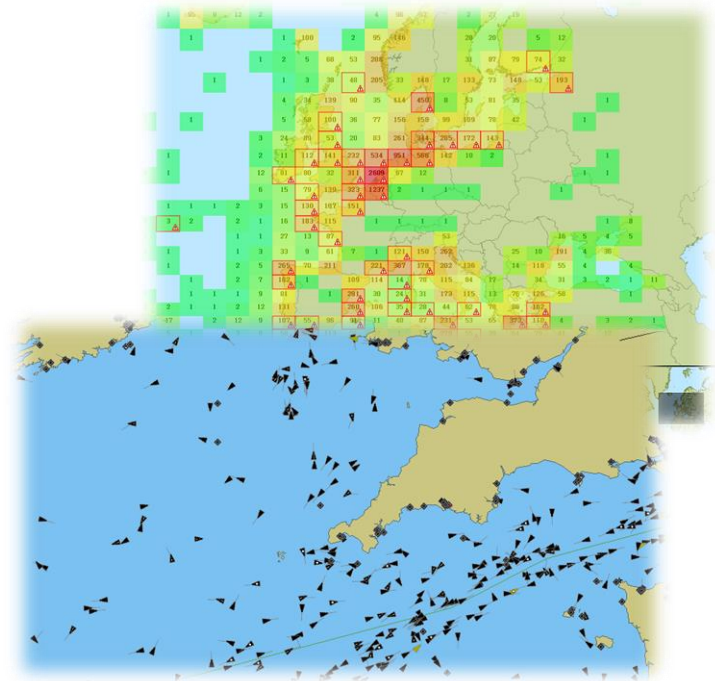
SafeSeaNet is a European Platform for Maritime Data Exchange developed in accordance with Directive 2002/59/EC

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





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

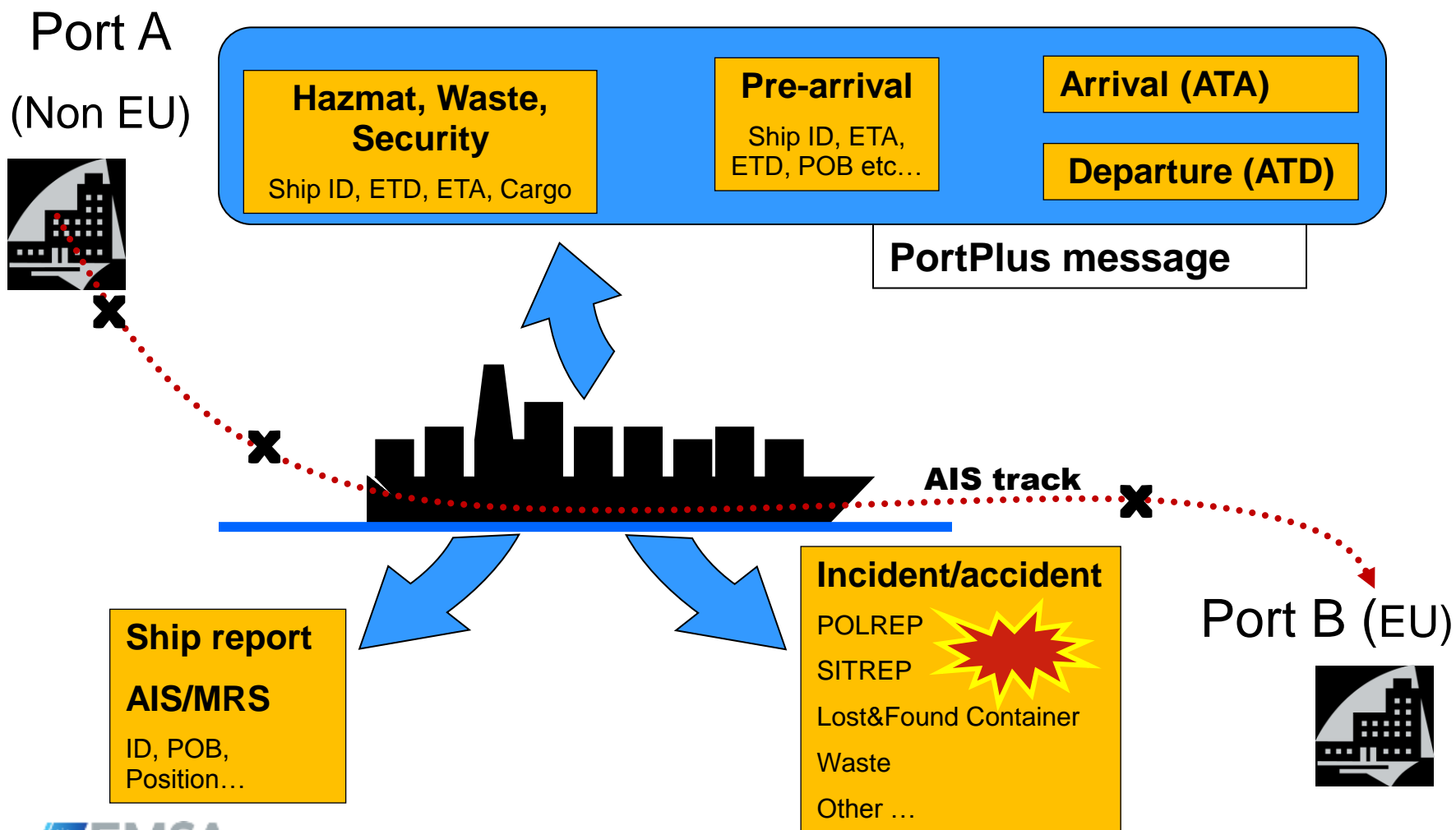
Ship notifications: Terrestrial AIS positions and MRS records sent when ships are in mandatory reporting areas

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

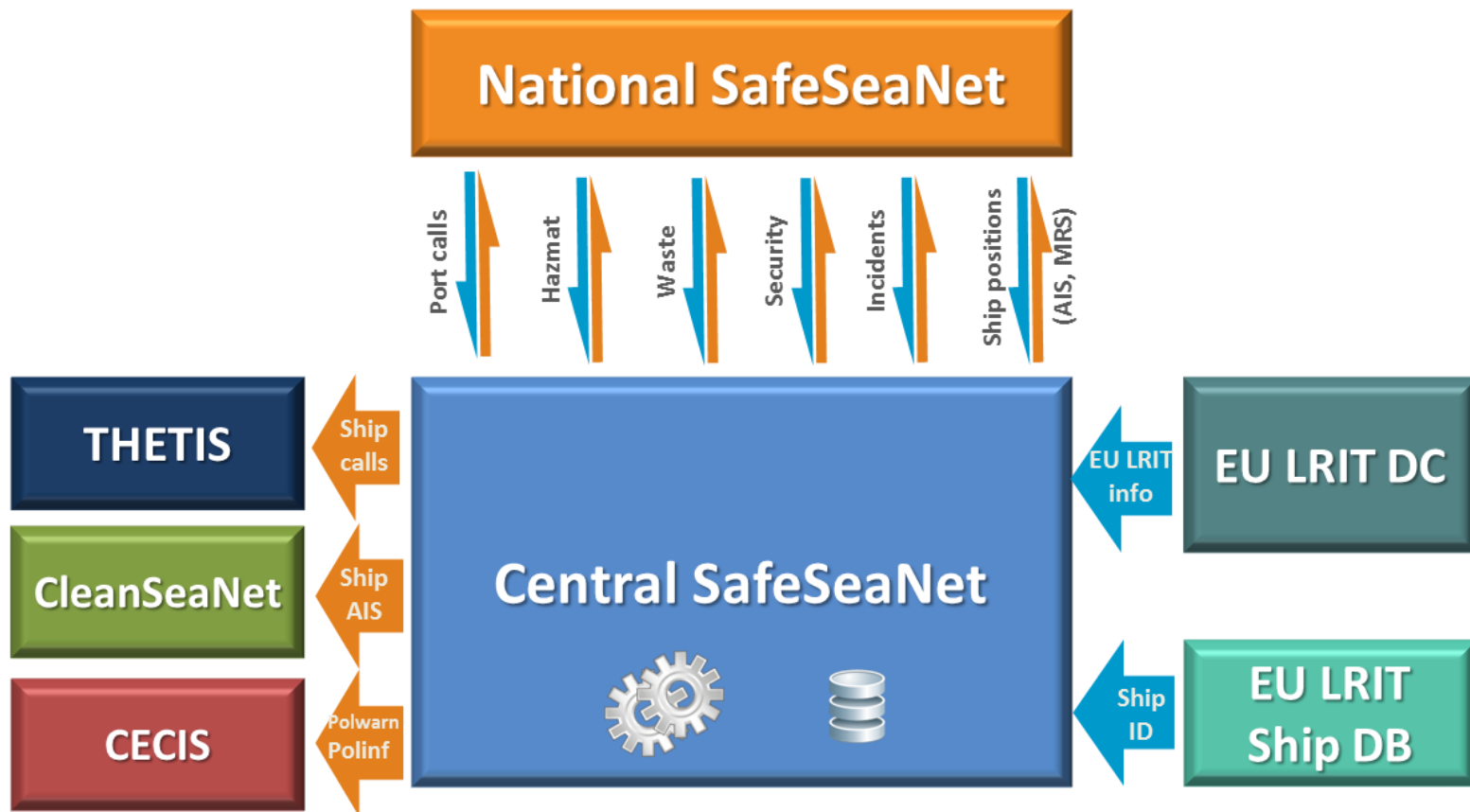
Waste notifications: Prior to ship's entry into a port of a Member State, ship-generated waste and cargo residues information

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

Information exchanged through SSN



SafeSeaNet – Interfaces with other EU systems



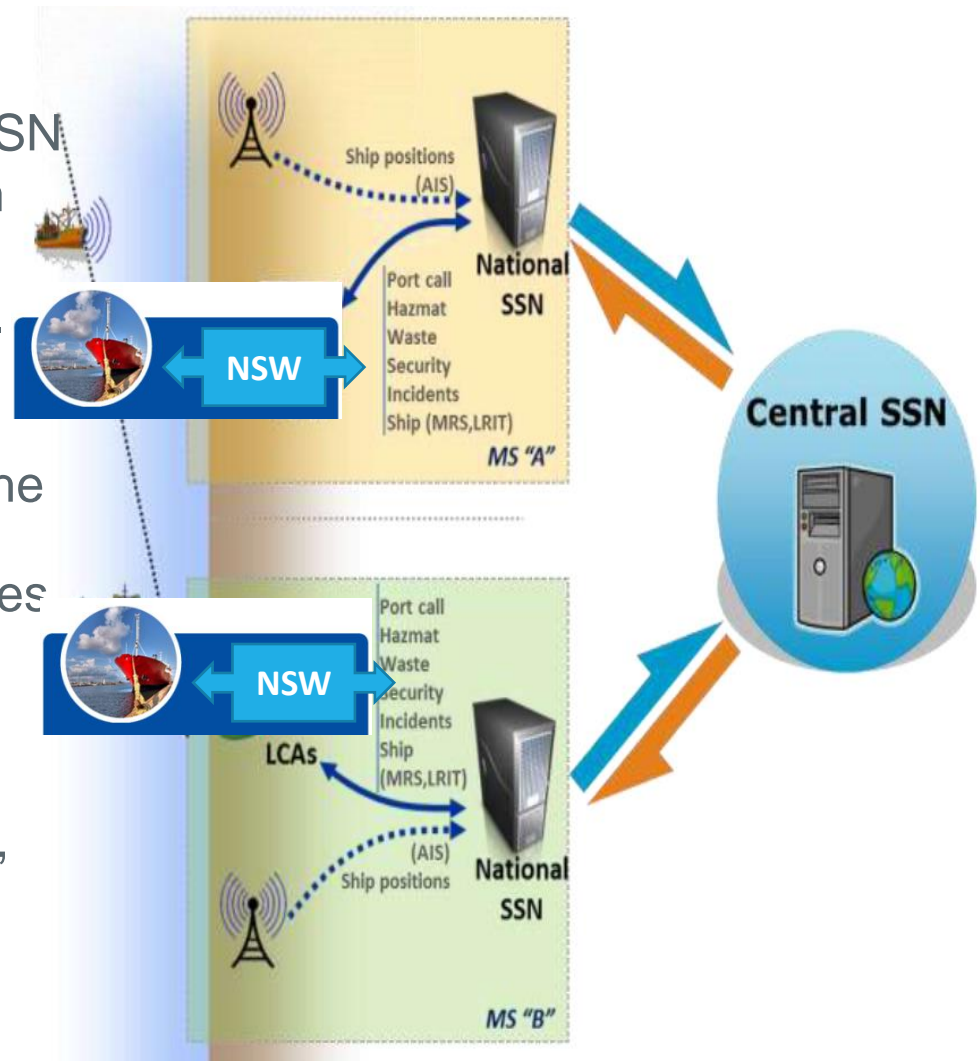
Information exchanged through SSN

SafeSeaNet

- Comprises a network of national SSN systems and a central SSN system acting as a nodal point, which interacts with the national systems.

National Single Window

- Directive 2010/65/EU provides for the development of NSWs in MS to simplify the administrative procedures in maritime transport
- The NSWs will allow the shipping industry to submit reporting formalities: electronically, only once, and in a harmonised manner
- Information is made available in SafeSeaNet for exchange between Member States





Waste Expert Sub-group

- eMS Group meeting (Jun.2011) set-up the group – SSN and PRF experts

The work carried out by the sub-group:

- 1st meeting (30 November 2011)/kick-off: key general questions for the waste message and the analysis of the Waste Pre-Arrival Notification Form
- 2nd meeting (18 January 2012): discussion on business rules
- 3rd meeting (6 March 2012): revise and agree the draft business rules

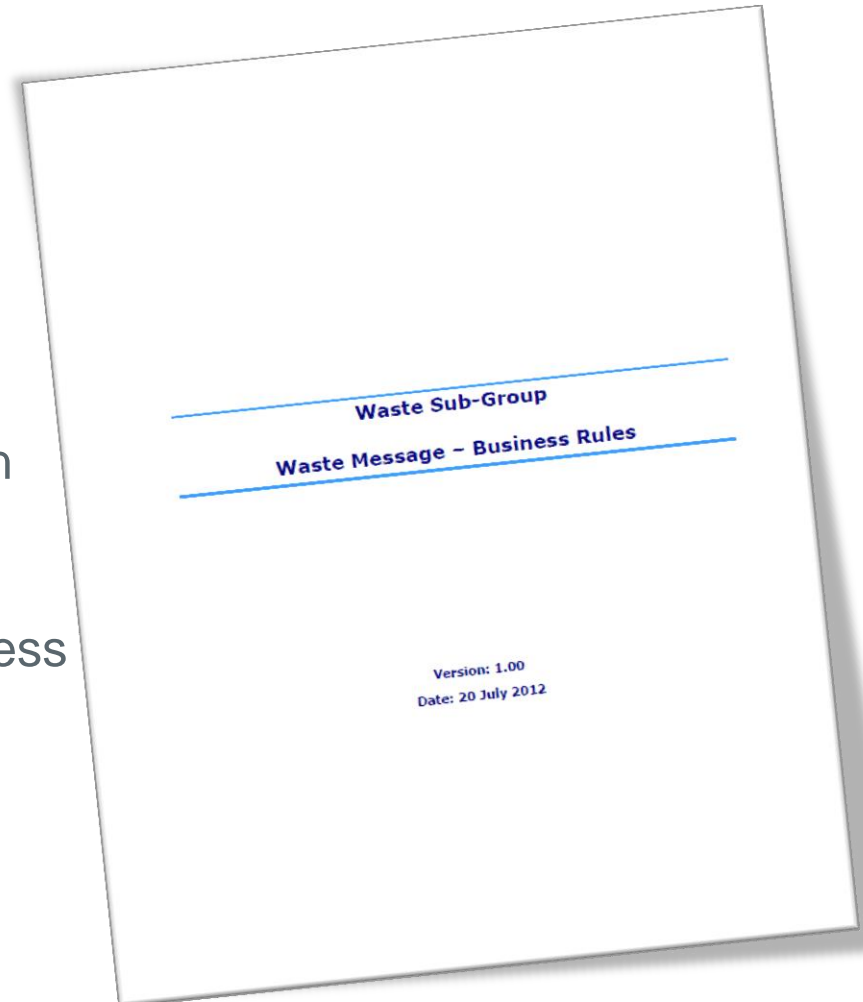
Draft Waste business rules

- Presented at the COSS Committee (23 April 2012)
- Approved by the eMS Group (20 July 2012)



Business Rules:

- Type of ships required to notify
- Identification of ships
- Voyage related information
- Classification of the waste notification
- User Profiles
- Data Providing and Distribution Process
- Data Storage and Data Availability
- Personal Data Protection





Notification of Waste and Residues

- Article 6 of Directive 2000/59/EC

Exemptions on Waste Notification (voluntary)

- Article 9 of Directive 2000/59/EC

Incident Reports information – type Waste

- Article 16.1.b of Directive 2002/59/EC.

Waste tracking through SSN Notification

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 17:12:26

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:

Waste tracking through SSN Notification

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



Waste tracking through SSN Incident Report - type Waste

The screenshot displays the EMSA SafeSeaNet 3.0.2 web application. The browser window shows the URL `tportal.emsa.local/ssn-gi/main.jsp`. The application interface includes a navigation bar with links for Map, Vessels, Ports, Areas, Accidents/Incidents, and Tools. The main content area is divided into two panels. The left panel, titled 'Incident Report Info', contains the following information:

- Incident Id:** EUJUKLW6V5WJERYL
- Incident Type:** Waste
- Report Sequence:** 1
- User Identification:** User Id LIMAGMA
- Authority Reporting Incident:**

The 'Incident Report Vessel List' section displays a table with the following data:

Vessel Identification	Vessel Description	Voyage Info	Ship Position At Time of Incident	Ship Position At Time of Reporting	Cargo Manifest
IMO Number : 9345958					
MMSI Number : 236111947					
Call Sign : ZDNU6					
Ship Name : APL LOS ANGELES					

The 'Associated Incident Report List' and 'Feedback List' sections are empty. The 'Incident Details' section is highlighted with a red box and contains the following information:

- Waste**
- Non Compliance Information**
- Waste Delivery Due Port :** FRMRS
- ETD :** [Empty field]
- Inspection Reason :** Waste not delivered

The right panel displays a map of the Mediterranean Sea, showing the location of the incident near the coast of Italy. The map includes a scale bar and a compass rose. The coordinates of the incident are 42°31'40"N latitude and 010°52'25"E longitude.



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