



# Introduction to SSN

EU vessel traffic monitoring and information

Training on SafeSeaNet version 5

Department 3: Digital Services & Simplification

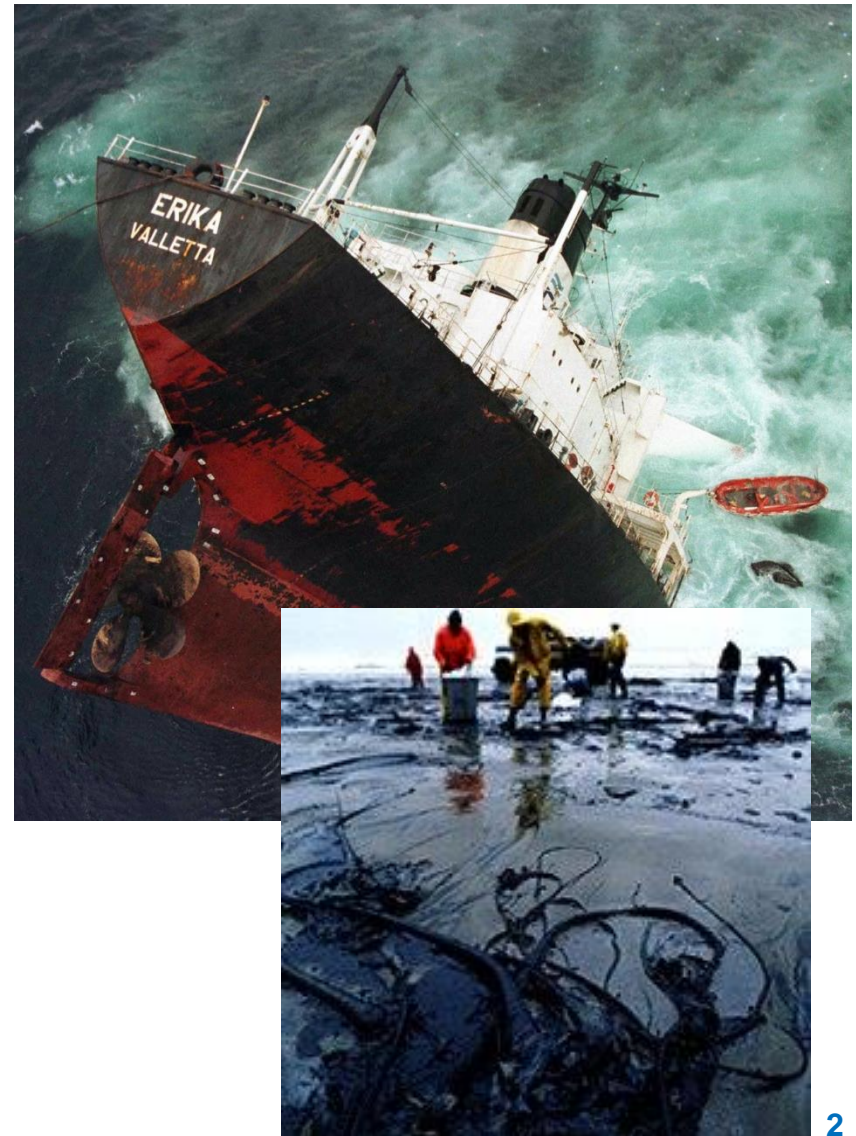
Unit 3.3: Simplification

Video conference / 9 November 2021

Following the loss of the tanker Erika in 1999, the European Union adopted several directives aiming at preventing both accidents at sea and pollution by ships

One is Directive 2002/59/EC that establishes the **SafeSeaNet (SSN)** - the Union maritime information and exchange system

SSN enables the receipt, storage, retrieval and exchange of maritime related information between MS competent authorities





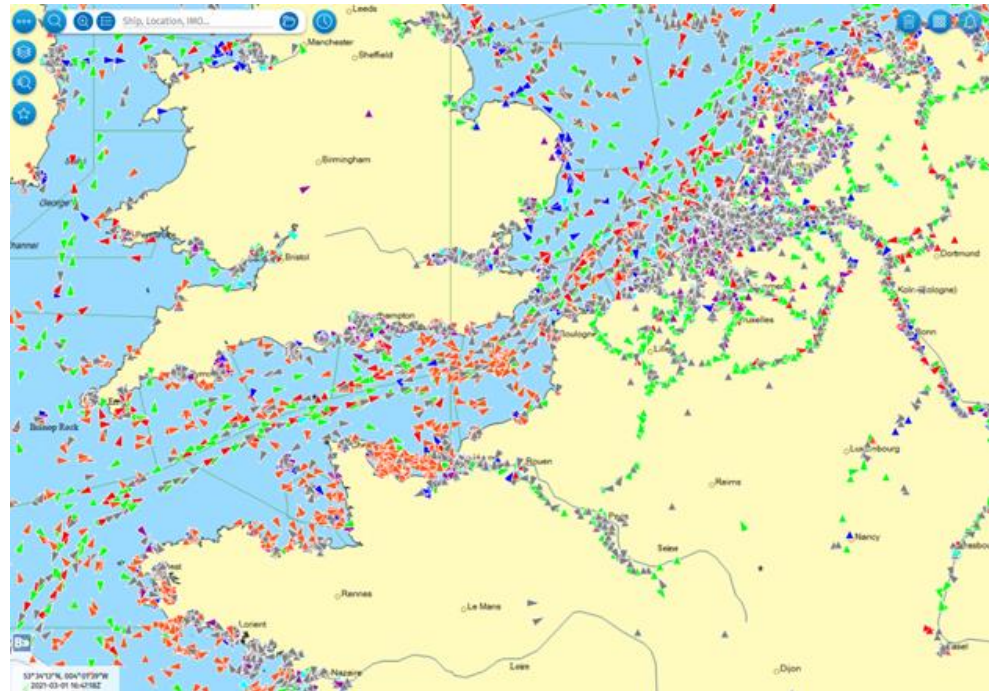
## **SafeSeaNet is a European Platform for Maritime Data Exchange developed in accordance with Directive 2002/59/EC**

**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

- Over 30,000 ships tracked in MSs area of responsibility every day
- > 300 million AIS positions recorded per month
- 160,000 messages received 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)

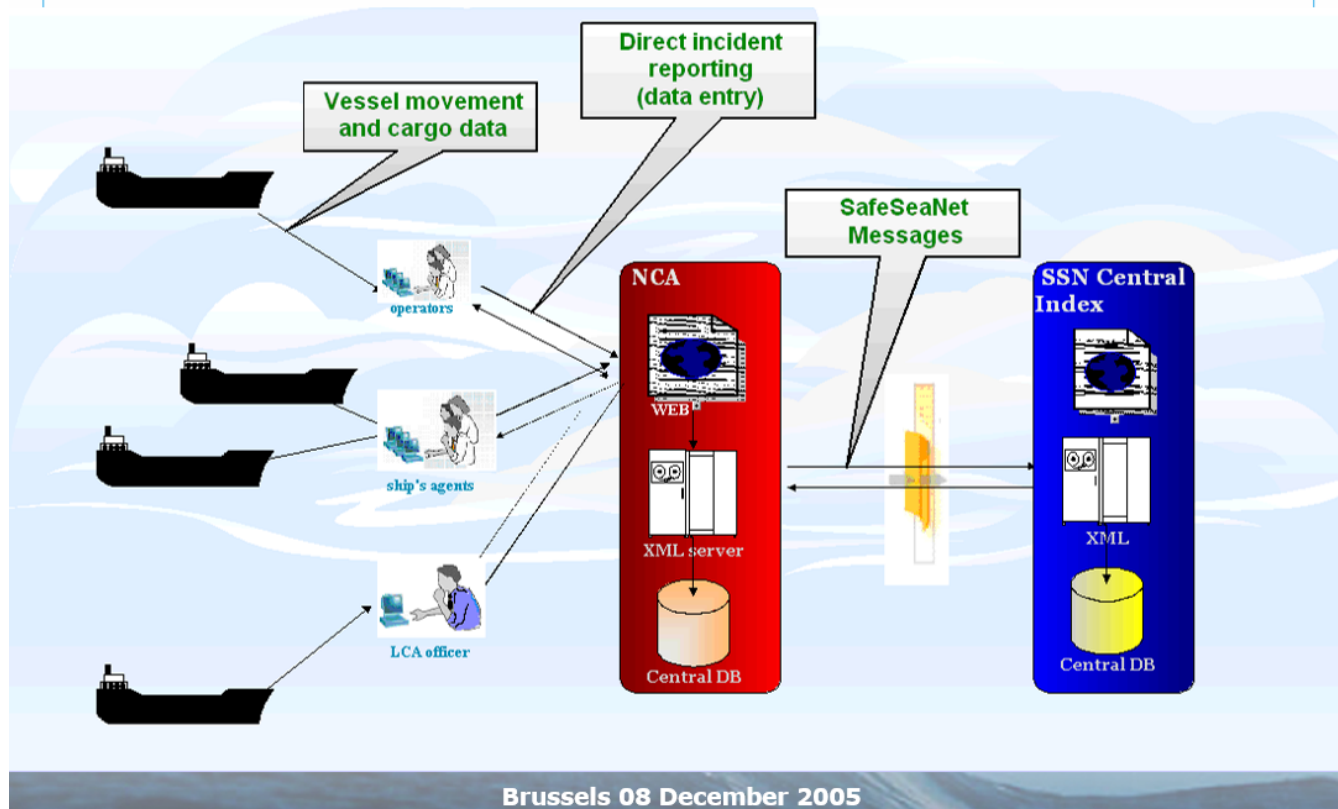


# SSN V1 – 2004-2009



European Maritime Safety Agency

- Implement a central notification site.
- Site accessible to all data providers.



## With SIRENaC

## With THETIS





- ▶ Changes derived from the Reporting Formalities Directive 2010/65/EU (waste and security information and improved Hazmat)
- ▶ Exchange of information on exemptions
- ▶ Changes to MRS messages
- ▶ A mechanism to ensure a transition period from SSN V2 to SSN V3
- ▶ The phase-out of Port and Hazmat request/response messages and Security notifications
- ▶ Additional minor features and changes





## **New Waste Business Rules (Dir 2000/29 Annex II revision)**

- PortPlus notification with all waste information
- Waste information revised
- Waste exemptions revised

## **Technical amendments from Hazmat Working Group**

### **Report of bunkers separately from DPG**

- Reported in electronic format via NSW (BR 6)
- Held in National SSN systems and provided to other MS on request (BR 8)

## **Integration with Common Management Console (CMC)**

- Central access point for user access policies
- Central databases: countries, location codes, organisations, geo-reference areas



## Scope

- Changes in the legal requirements of the amended Directive 98/41/EC on registration of persons on board passenger ships.
- Changes in the legal requirements following the new Directive EU 2019/883 on port reception facilities for the delivery of waste from ships (repealing Directive 2000/59/EC).
- Proposals from the Working Group for improving Incident Reporting, and link with CECIS system.
- Additional security measures and changes to the data protection rules to support the exchange of detailed information on the persons on board passenger ships following the “**Security and Interoperability Solutions Study**” which will define security and data protection measures.

# Information available in SafeSeaNet



## ➤ Ship notifications:

- AIS and
- MRS

## ➤ Port Plus notifications:

- Pre-arrival (72h - 24 hours ), arrival and departure
- Hazmat information (dangerous and polluting goods on board)  
**From June 2015** (Dir. 2010/65/EU)
- Notification of waste and cargo residues (Article 6 of Directive 2000/59/EC)
- Notification of security information (Article 6 of Regulation (EC) No 725/2004)  
**From December 2018**
- Indication whether bunkers details are available  
**From December 2021** (Dir. 98/41/EC)
- Persons sailing on board passenger ships for SAR purposes

## ➤ Incident reports:

- Information submitted by MSs about accidents and incidents occurring at sea (e.g SITREP, POLREP etc...)



**Thank you**

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European Maritime Safety Agency