



Introduction to SSN

EU vessel traffic monitoring and information

Awareness Course on SafeSeaNet version 5

Department 3: Digital Services & Simplification

Unit 3.3: Simplification

Lisbon / 23 May 2022

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

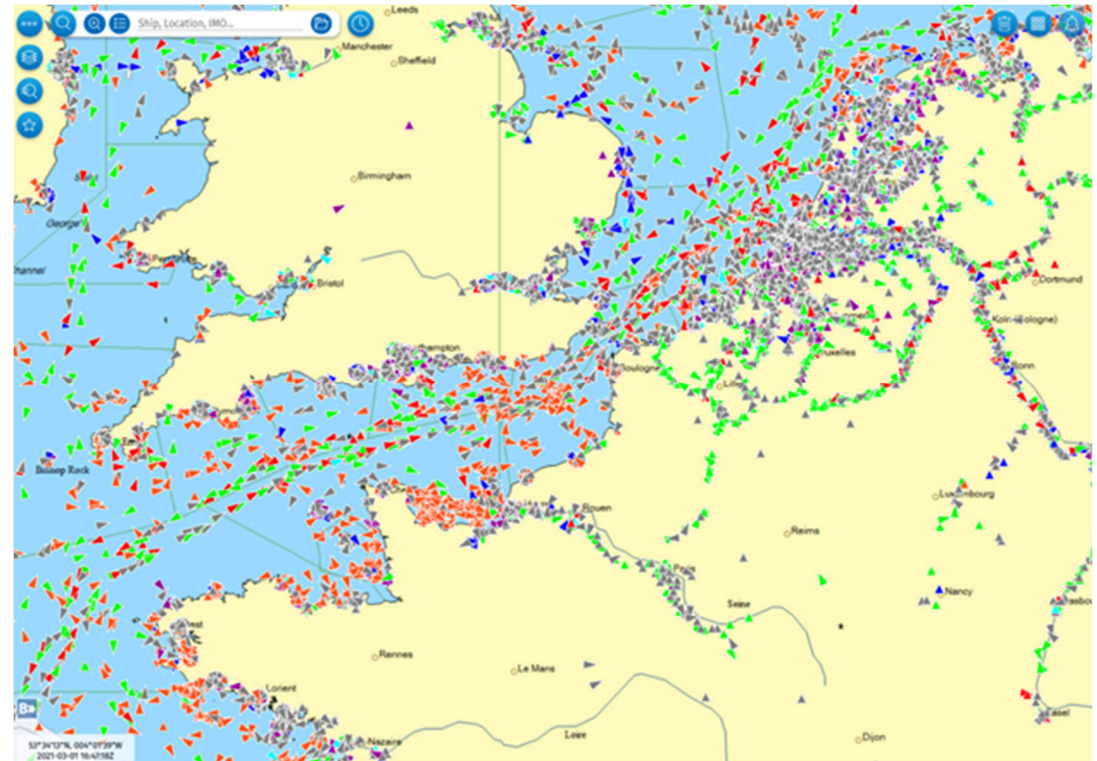
The exchange of vessel, voyage and other information via SSN supports users at EU and MS level in the:

- 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

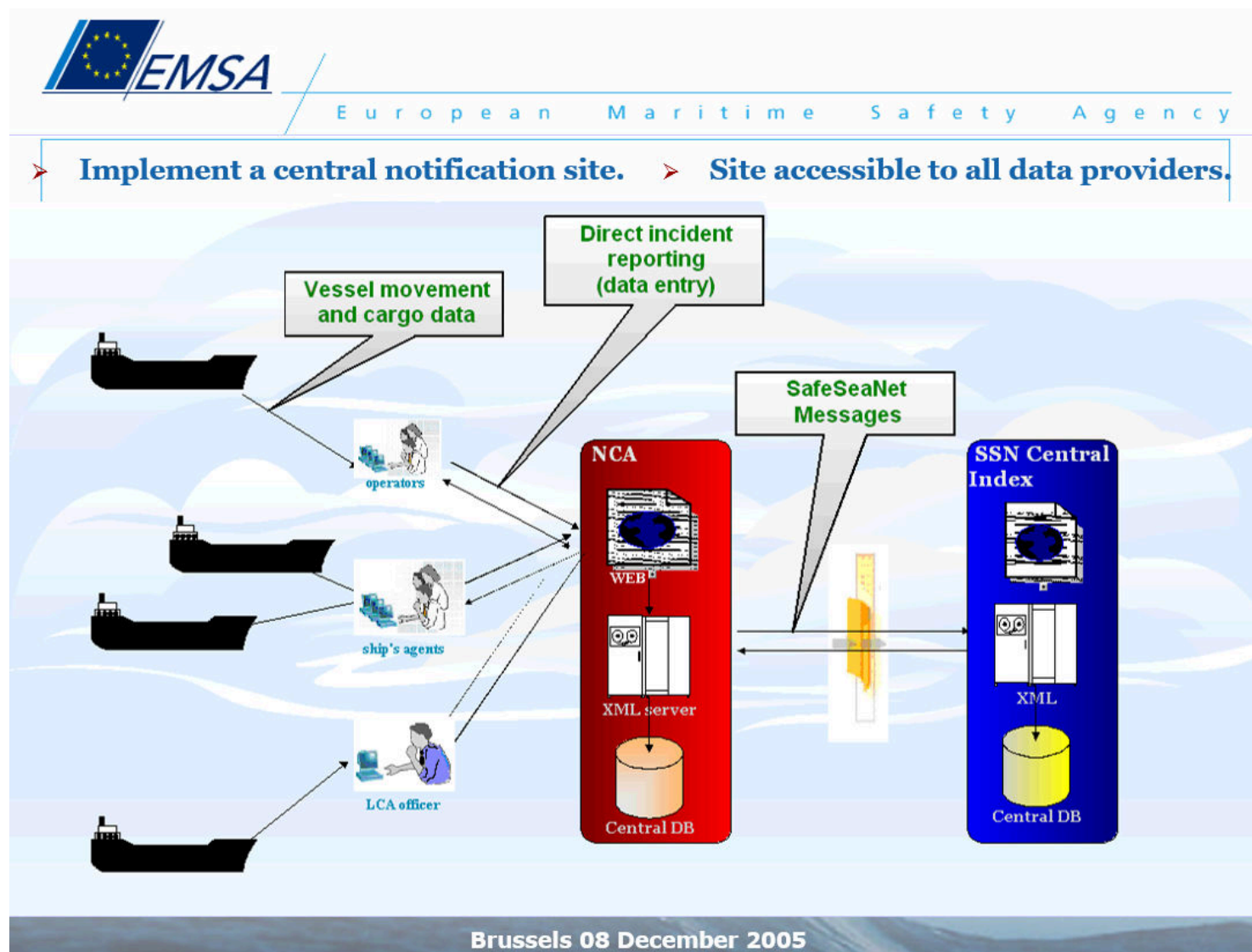


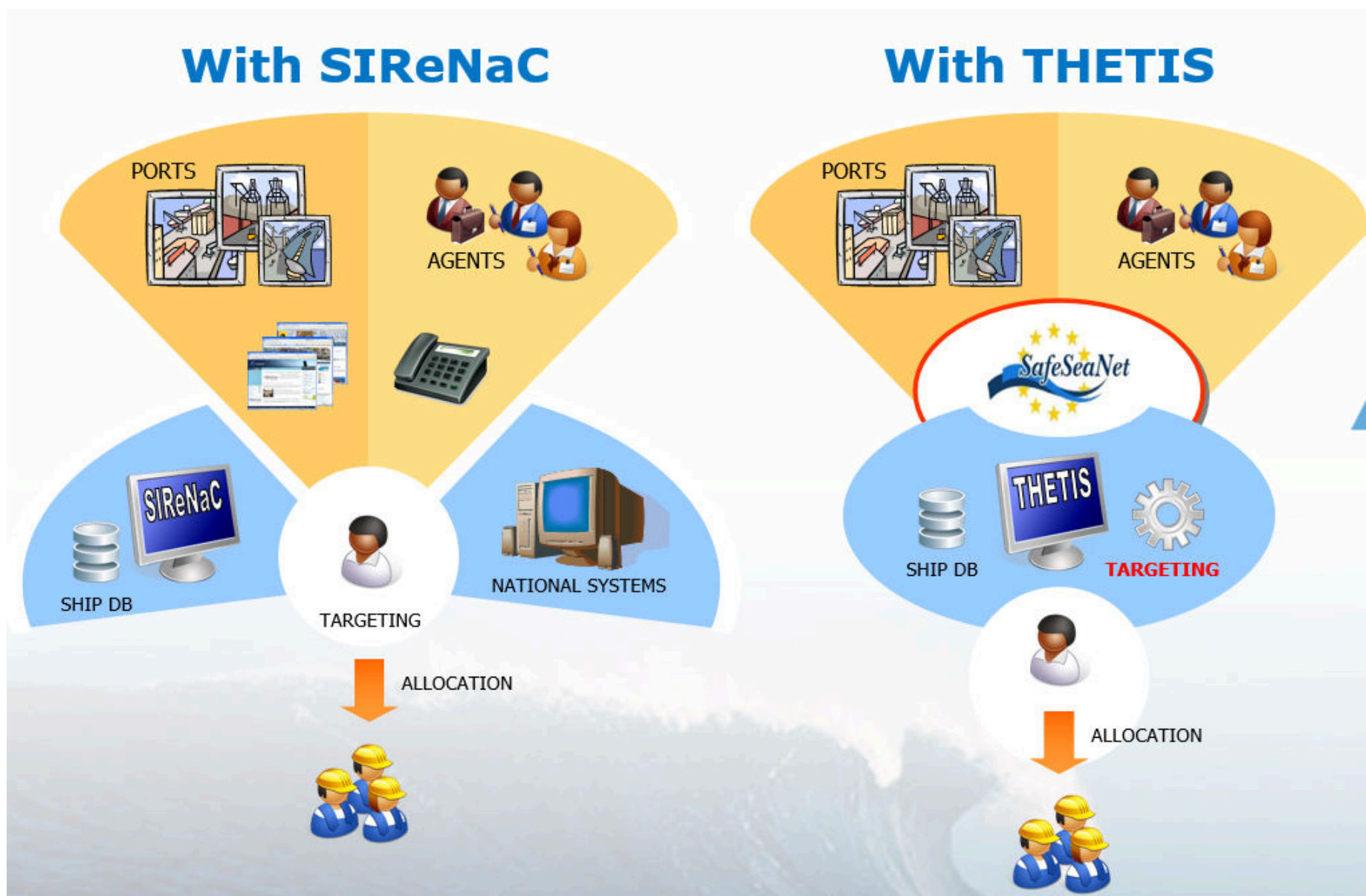
General presentation – Users of SSN

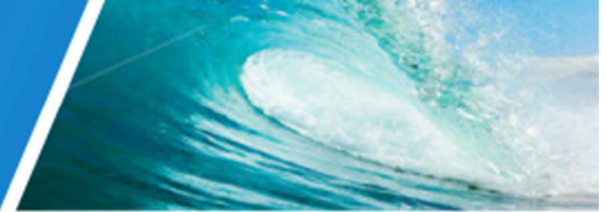
- **National Competent Authorities (NCA)**
- **Local Competent Authorities (LCA):**
 - Maritime administrations
 - Ports
 - Vessel Traffic monitoring center's
 - Maritime Rescue Coordination Centre's (MRCC)
 - Counter pollution / Pollution survey center's
 - Coast Guards
 - Port Reception Facilities (PRF)
 - Port State Control (PSC)



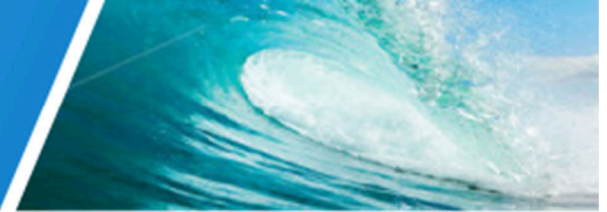
SSN V1 – 2004-2009







- 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)

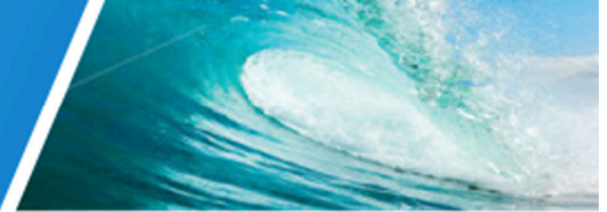
- Central access point for user access policies
- Central databases: countries, location codes, organisations, geo-reference areas



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