

# SafeSeaNet Workshop 21

## Central Ship Database (CSD)

Agenda item 21.4.4

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**Lisbon | 8 May 2014**

## Background

- **HLSG7 July 2012**

Creation of a working group to examine data storage and access policy proposals for a vessel database. 13 Member States nominated participants for the group

- **CSD correspondence group**

Developed and delivered specifications for a set of web-services (notification, request/response).

- **HLSG9 June 2013**

- Agreed to launch the CSD pilot project (Belgium, Finland, Italy and Norway), while keeping it open to others MS
- Agreed to include additional web services (ship particular push and record history retrieval)

## Ship database – the basics

- Ship database contains ship particulars for ships verified via:
  - Automated checks against external sources
  - Manual validation by the MSS operators
- Ships are identified by a combination of:
  - A unique identifier
    - (for SOLAS vessels) IMO number
    - (*for fishing vessels*) International Registration (IR) number
    - (for vessels without an IMO) EMSA reference number
  - The ship's MMSI
- Additional ship particulars are to be stored in the database, if available

## CSD services (1/2)

- Download service  
Launched on 15 February 2013
- Request/response service  
For requesting the content of specific ship records in the CSD
- Ship particulars notification web-service used by the MS to:
  - announce the insertion of a new ship in the national flag registry; or
  - provide feedback information to the CSD

## CSD services (2/2)

- Additional services
  - Ship record history retrieval  
Retrieval of changes, in the CSD, of specific ship particulars concerning a ship record
  - Ship particulars announcement ("push")  
Proactively announcement of change in the ship particulars of a ship already registered in the database or the creation of a new ship record in the CSD
- Web interface  
A user web interface will be provided to consult the ship records available in the CSD

The CSD ref. documents (including the xsd for the web services) can be downloaded from: [https://extranet.emsa.europa.eu/index.php/document-repository/cat\\_view/264-safeseanet/267-ssn-workshops-and-meetings/475-rvd-working-group-restricted](https://extranet.emsa.europa.eu/index.php/document-repository/cat_view/264-safeseanet/267-ssn-workshops-and-meetings/475-rvd-working-group-restricted)

## Action required

The Member States are invited to:

- take note of this progress report; and
- indicate if they intend to participate in the pilot project.