Meeting: 26th SafeSeaNet Group Meeting

Place and date: Lisbon, 19 October 2016

Agenda item: Central Ship Database - Progress report

Document number: SSN 26.4.2

Submitted by EMSA

Summary	Presents an overview of the progress made on the CSD
Action to be taken	As per paragraph 3.
Related documents	CSD Web Interface Manual v1.4

1. Background

In July 2012, the HLSG 7 decided to create a working group to design the requirements for a Reference Vessel Database (RVD). It resulted in the development of a project now re-na

med as the Central Ship Database (CSD), which is intended to be a reliable, cooperative source of ship particulars information for Member States and EMSA.

2. Current Status

Currently, the CSD contains information from various sources (e.g. SSN, LRIT, THETIS and commercial sources). There will be also a strong benefit for it to be enriched by information from Member States. Access to CSD can be done via:

- Web Interface
  A Web Interface is presently in production for all Member States giving them the possibility to visualise CSD data and contribute to improve the service by providing updated ship particulars to the CSD. An email containing information on to the web interface status was sent to all NCAs on 8th July. An updated user manual (v1.4) has also been posted on the SSN documentation page at: http://emsa.europa.eu/ssn-main/documents.html

- Web services
  The existing web service is under modification to add the additional sets of elements providing a more complete set of attributes per vessel. In addition, a dedicated web service will be developed for CSD to provide the relevant ship particulars to the SSN Ecosystem Graphical interface (SEG). These changes will be included within SSNv3.3 that should be available by the end of 2016 and will include:
  - Technical documentation: describing the XML schema definition and database structure.
  - Upgraded Web services: Request-Response, Notification push updates from MS to the CSD and announcement push updates from CSD to MS.

In addition, additional CSD improvements are foreseen via SSN v3.4 (to be completed by end-April 2017) including:

- ■ <u>New web interface:</u> More user friendly, and aligned to the Database changes of SSN v3.3.
- ■ <u>Enhanced access rights:</u> Data stored in the CSD collected via commercial sources will be visible via the Web interface but not made available to the MS through web services or export tools.
- ■ <u>Enhanced semi-automatic algorithm for Verification & Validation (V&V):</u> several improvements have been identified (e.g. management of scrapped ships, preventing 2 identical MMSI for the same ship in the database, priority to the "public source" when possible to reduce access rights constraints as identified above etc.

3. Actions required

Member States are invited to take note updated information.