

Meeting: 8th SSN / LRIT Group Meeting

Place and date: Lisbon, 25 May 2021

Agenda item: SSN Roadmap

Document number: SSN/LRIT 9.4.1

Submitted by EMSA

Summary	Presents an overview of the roadmap for developments in SSN and the central databases.
Action to be taken	As per paragraph 3.
Related documents	Meeting paper SSN/LRIT 8.4.1 - SSN Roadmap

1 SafeSeaNet

SSN v4.5 was deployed on 13 April, introducing the consolidation of Port Call information. SSN is based on the concept of “voyage” which is defined as a ship’s journey from the port of departure until the departure from the next port. Hazmat, bunkers, waste and security information, if any, are attached to the voyage to reflect the ship’s situation during the voyage. Voyages are created in the SSN database by correlating the information provided by the port of departure or the port of destination or both in different PortPlus notifications (with different ShipCallIDs).

While the voyage concept may be relevant to coastal stations to retrieve information applicable to the ship sailing at sea, it does not address the needs of other users, such as port authorities and Maritime National Single Window (MNSW) users, which require information related to port calls. To address the issue and to prepare for future needs related to the reuse of data between MNSWs within the European Maritime Single Window environment (EMSWe), the concept of Port Call information has been introduced. It consolidates information reported for the same port call (i.e. same ShipCallID) and presents information reported at the port’s arrival and departure. Such consolidated port call information is available through the web user interface of SSN. EMSA provides webinars on this new functionality. Developments have been made to improve the performance of the system.

Future developments foreseen include:

- Revision of the interfaces with the Central Ship Database: A new Central Ship Database (CSD) service is being built as an independent application and will replace the current CSD service embedded in SSN. The new CSD should enter into production by third quarter of 2021. It will serve as reference for ship attributes to all EMSA’s maritime applications. The Operational Ship Database (OSD) of SSN will be revised to reflect the information from the CSD. For more information on the CSD project, refer to agenda item SSN / LRIT 9.6.1;
- Developments for SSN v5 as agreed by the HLSG at its 8th meeting (December 2020): SSN v5 will be made available in the training environment by July 2021 and in the production environment by

December 2021. The deployment in the training environment will facilitate the commissioning tests of MS National SSN Systems.

For other information on SSN v5 refer to agenda items SSN / LRIT 9.4.2 and SSN / LRIT 9.4.3.

2 Central databases

Release v1.3 of the Central Locations Database (CLD) was deployed on 13 April. This release introduced the following:

- Improvements of the CLD following the feedback received from Member States: change length of some attributes, update of the content of download port facilities file;
- New functionalities related to logs and subscriptions in the web user interface.

Future developments foreseen for the CLD and the Central Organisations Database (COD) include:

- Improvements of the COD following the feedback received from Member States;
- New COD functionalities related to logs and subscriptions in the web user interface;
- On-line manuals for COD and CLD;
- Reporting of information on Port Reception Facilities (PRF) in the CLD as required by the PRF Directive (EU) 2019/883 to support the further processing by THETIS-EU. EMSA is liaising with the IMO for obtaining PRF data from GISIS for its upload in the CLD.

The automatic link between the CLD and the IMO GISIS for ISPS port facilities data is still pending due to lack of availability of GISIS for testing.

3 Action Required

Member States are invited to note the information provided.