

## Meeting: 8<sup>th</sup> SSN / LRIT Group Meeting

**Place and date: Lisbon, 21 October 2020**

**Agenda item: SSN Roadmap**

**Document number: SSN/LRIT 8.4.1**

**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 7.4.1 - SSN and LRIT Roadmap

### 1 SafeSeaNet

The XML Messaging Reference Guide (v4.02) and SSN Web Services (v1.51) which had been validated at the last SSN Group meeting were published on 22 June 2020.

Release SSN v4.4, which was presented at the last SSN Group meeting, was deployed on 1 July. This release introduced the following improvements:

- *Improve the way voyage information is displayed in the SSN Textual User Interface:* The “relevant voyages” page was replaced by an “Integrated ship information” page which provides all information available in SSN for a ship. The following data is available:
  - Active, planned and previous voyages with links to detailed waste, security, hazmat and bunkers information,
  - Valid exemptions,
  - Active Incident and MRS reports,
  - Results of port reception facilities inspections.

It is possible to download the information in pdf and xls files.

- *Improve the integration with other EMSA systems:* SSN will push the ship identification information and particulars to the new Central Ship Database v2 (refer to meeting paper 7.3.5 - enhancement of the CSD progress report) when receiving PortPlus notifications, MRS reports, incident reports and exemption notifications. This mechanism will be activated when CSD v2 will be available. SSN communicates the list of MRS to the new Integrated Report Distribution system (IRD) developed for the pilot project on facilitation of ship-to-shore reports. For information on the IRD and CSD v, refer to agenda item 8.6.1 - Interoperability project progress report.

Future developments foreseen for SSN v4 include:

- Consolidation of Port Call information: The current version of SSN works based on the concept of Voyages. A voyage is defined as a ship’s journey from the departure from a port 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 when it is 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), it is proposed to introduce in SSN the concept of Port Call information which will consolidate information reported for same port call (i.e. same ShipCallID) and present information reported at the port's arrival and departure. At a first stage, consolidated port call information will be available through the web user interface of SSN.

- Improvement related to Incident Reports in the web user interface: Some of the improvements recommended by the IR Working Group that only impact the web user interface of SSN could be developed before SSN v5. Such improvements may include e.g. user friendliness and navigation of SSN Textual Interface, online help, selection of recipients, searching per authority and country, etc.

Progress on the preparation of SSN v5 is presented in agenda item SSN / LRIT 8.4.2.

## 2 Central databases

The automatic link between the Central Location Database (CLD) and the IMO GISIS is planned to become operational in the last quarter of 2020. The development of web-services to download the information will reduce the administrative burden and will also ensure up-to-date information in the CLD, as well as in Member States' national systems (SSN and NSW).

In addition, the CLD and the Central Organisation Database (COD) will be improved following the feedback received from Member States. The following upgrades are foreseen in the last quarter of 2020:

- Possibility to export all information from COD (currently not all elements are visible in the export results);
- Change of the length for some attributes in order to register complete information;
- Extend the number of ports that can be created under an organisation duty;
- Access to CLD and COD logs in the web user interface.

## 3 Action Required

Member States are invited to note the information provided.