

SafeSeaNet Group meeting no. 23
Agenda item IV
6 May 2015

SSN 23/4/1 (v1.00)
Lisbon, 27 March 2015

SAFESEANET TECHNICAL ASPECTS

SSN Roadmap

Submitted by EMSA

<i>Summary</i>	This document presents an overview of the roadmap for developments in SSN.
<i>Action to be taken</i>	As per paragraph 5
<i>Related documents</i>	SSN 23/4/3 – Ship database SSN 22/4/2 – SSN V2 V3 transitional phase

1. INTRODUCTION

Three major releases are planned in 2015.

SSN v3.0 was implemented according to the technical specifications approved by the SSN High Level Steering Group (HLSG) at its meeting on 16 January 2014. The progress made in preparing SSN v3.0 is presented in section 2 below.

At its meeting on 23 June 2014, the SSN HLSG agreed to implement a link between SSN and the Common Emergency Communication and Information System (CECIS) managed by DG ECHO, which is used for requesting assistance in the event of major disasters. This link will be introduced in SSN release v3.1 (see section 3 below).

- SSN will be used for reporting POLWARN and POLINF messages.
- CECIS will be used to report POLFAC messages.
- To avoid double reporting, POLWARN and POLINF messages should be provided by SSN to CECIS via a link between both systems.

An additional release (v3.2) is planned in order to include the Shore-based Traffic Monitoring and Information Database (STMID), which was approved by the SSN HLSG at its meeting on 19 June 2013.

Development of the Central Hazmat Database will also begin in 2015, as agreed by the SSN HLSG. The schedule will be reported to the SSN Group at the next meeting.

2. SSN v3.0 RELEASE

SSN version 3.0 was made available on Wednesday 8 April. As presented in previous SSN Group meetings, it includes the following features:

- a. Changes derived from the Reporting Formalities Directive 2010/65/EU:
 - A revised PortPlus notification which includes waste and security information as well as improved Hazmat information.
 - Corresponding changes to the ShipCall request/response mechanism.

- The exchange of information on exemptions, by adding a new exemption notification and adapting the ShipCall responses.
- b. Changes to MRS messages:
 - A revised Ship notification,
 - A revised Ship request/response mechanism,
- c. A mechanism to ensure a transition period from SSN V2 to SSN V3 (as per SSN 22/4/2).
- d. The phase-out of Port and Hazmat request/response messages and Security notifications.
- e. Improvements to the SSN Textual Interface and the Graphical Interface in relation to the changes mentioned above and the Incident Reports function.
- f. Additional minor features and changes.
- g. The Central Ship Database (as introduced in SSN 23/4/3. Access rights will be open when the pilot project is validated).
- h. Improvement of the voyage consolidation mechanism (i.e. no consideration of voyages with ETA in the past when a more recent ATA to a different port exists).
- i. Technical upgrade of the architecture (ArcGIS software).
- j. Further integration with the EMSA Identity Management system.

3. SSN v3.1 RELEASE

The following features will be implemented in SSN v3.1 for the link between SSN and CECIS:

- SSN will automatically “push” all POLREP Incident Report messages to CECIS. This will apply regardless of whether the data provider requested that the Incident Report should be distributed.
- Any update or feedback to the original POLREP Incident Report message reported in SSN will be automatically “pushed” to CECIS. The data from SSN will be processed by CECIS and made available to its users.
- The message will be sent to CECIS regardless of the interface (web or machine to machine) or protocol that is used for notifying the POLREP Incident Report message (e.g. Incident Report messages and Alert messages).

In addition, SSN v3.1 will include changes relating to the Central Ship Database:

- Improvements to the web interface for consulting ship data.
- Better identification of the source of information and the reason for update.
- Update of the MARS data structure.
- Treatment of additional ship particulars coming from PortPlus messages and AIS messages.

It will also feature improvements to the web interface for consulting notifications details and creating user accounts.

SSN v3.1 will be made available by end of July.

4. SSN v3.2 RELEASE

The main feature of SSN v3.2 will be the STMID which objective is to use SSN to simplify and facilitate the sharing of information regarding designated authorities with the Commission and other MS. This database will be the place where all relevant information on the authorities will be held. Its services will be provided through the SSN web interface as well as through the password protected section on the EMSA website.

SSN v3.2 is expected to be release before the end of year.

5. ACTION REQUIRED

The members of the SSN Group are invited to note the information provided.