

**1<sup>st</sup> HLSG  
for Governance of the Digital Maritime  
System and Services**

**12 October 2016**

**Meeting document:**

**Towards SSN V.4 – Roadmap**

**(Agenda item 8)**

## **1. Background**

At its previous meeting (HLSG 15), the HLSG discussed the scope and steps for the next Version SSN V.4 due to:

- the revision of Annex II of Directive 2000/59/EC on Port Reception Facilities that has consequential impacts on the Waste information to be reported to the NSW and the information to be exchanged through SSN;
- the reporting of waste exemptions in SSN;
- the reporting of bunkers carried on board ships separately from dangerous or polluting goods;
- some minor technical amendments proposed by the Hazmat Working Group and validated by the SSN Group.

HLSG 15 approved the new Waste Business Rules which relate to the submission of the waste message to the NSW and its exchange via SSN in line with the revised Annex II of the Port Reception Facilities Directive 2000/59/EC. Editorial changes requested by the HLSG were included in the Waste Business Rule and published on 14 July 2016. The 2<sup>nd</sup> meeting of the Waste Expert Group held on 22 September 2016 agreed on additional business rules for the sharing of information between SSN and THETIS EU (refer to agenda item 7). Therefore (subject to endorsement at this meeting) the work related to the Waste Business Rules necessary to develop SSN V.4 has been completed.

HLSG 15 approved in principle the new Business Rules for reporting bunkers separately from dangerous or polluting goods in SSN. The conditions for including of bunkering reporting in SSN are proposed under agenda item 8 “towards SSN V.4 – reporting bunkers”.

The HLSG 15 in July 2016 agreed that a timetable would be presented for the development of SSN V.4 at the next HLSG.

## **2. Timetable for SSN V.4**

The relevant NSW and SSN documentation must be revised in order to be used by Member States and EMSA for the required developments of the NSW and SSN systems.

A SSN Interface sub-group will be needed for drafting the SSN documentation. Its terms of reference are provided in annex. The revised SSN documentation will be presented to the SSN Group for validation.

EMSA would update the NSW documentation (Data Mapping report) in accordance with the approved Waste and Bunkers business rules and would present them to the Single Window Group for validation.

The proposed time plan for the development of SSN V.4 is presented in the table below:

Date	Task	Responsible
12 Oct 2016	Approve terms of reference of SSN Interface sub-group	HLSG 16
19 Oct 2016	Setup SSN Interface sub-group	SSN Group 26
Oct 2016 – Feb 2017	Draft SSN documentation (SSN System Interface Guide, Member State Commissioning Test Plan)	SSN sub-group
May 2017 (tentative)	Validate updated NSW documentation (NSW data mapping report)	SW Group
May 2017	Validate updated SSN documentation	SSN Group 27
July 2017	Approve the updated NSW and SSN documentation	HLSG 17
July 2017-March 2018	Develop NSW, and if applicable the link to national SSN	Member States
July 2017-March 2018	Develop Central SSN	EMSA
April 2018	Make SSN V.4 available on the training environment	EMSA
April – Dec 2018	Run commissioning tests of national SSN systems with Member States	MS and EMSA
Dec 2018	Make SSN V.4 available on production environment	EMSA

### **Actions proposed**

The Commission invites Member States to approve the terms of reference of the SSN Interface sub-group and the roadmap for SSN V.4.

Annex - Terms of Reference of the SSN Interface sub-group

# ANNEX

## ***Ad hoc* Sub-group for the definition of the technical specifications for the SafeSeaNet**

### **Version 4 interface**

#### **Terms of Reference**

##### **1 - Mandate**

The sub-group for the definition of the technical specifications for SSN V4 interface (hereinafter referred to as “SSN sub-group” or simply “sub-group”) shall, in cooperation with EMSA, draft the detailed technical requirements for the next developments in SSN. These will be used as a reference so that EMSA and Member States can contract the required upgrades to their systems.

The work of the sub-group covers the required changes that derive from the:

- Revised Waste Business Rules;
- Reporting of Bunkers in SafeSeaNet Business Rules (v1.0);
- amendments on the Hazmat information which have a technical impact (HLSG 13.3.2 Annex);
- amendments on the reporting of Exemptions;
- other improvements which are consequential to the previous changes.

##### **2 - Deliverables**

The sub-group should provide the following deliverables:

- Functional specifications;
- Technical specifications:
  - SSN XML Reference Guide,
  - Member State Commissioning Test Plan.

##### **3 - Resources and members of the group**

Each country participating in the HLSG, and the European Commission, has the right to nominate members to the SSN sub-group by 24 October 2016.

EMSA will provide the secretariat, and will coordinate, collate and amalgamate the output of the sub-group into working electronic documents for on-going dissemination and agreement.

##### **4 - Working methodology**

EMSA will provide a version ‘zero’ of each document in order to support the tasks assigned to the sub-group.

The sub-group will work mainly by correspondence. At least one meeting is foreseen, and additional meetings may be scheduled, if necessary. EMSA shall chair the meeting. If meeting outside EMSA headquarters, the travel costs shall be supported by each participant.

##### **5 - Deliverables and time plan**

The following time plan is proposed for the sub-group:

Date	Task	Responsible
12 Oct 2016	Approve terms of reference of SSN Interface sub-group	HLSG 16
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## 6 - Acceptance

The final output of the sub-group will be submitted to the plenary meeting of the SSN Group for validation, followed by approval by the HLSG prior to implementation.

## 7 - Duration of these ToRs

The mandate of the sub-group will terminate, or be renewed if necessary with new or revised ToRs, at a HLSG in 2017.