

## Meeting: 10<sup>th</sup> SSN / LRIT Group Meeting

**Place and date: Videoconferencing, 20 October 2021**

**Agenda item: Revision of Data Quality checks**

**Document number: SSN / LRIT 10.5.2**

**Submitted by EMSA**

Summary	This document presents a revised set of SSN data quality checks following the deployment of SSN v5
Action to be taken	As per paragraph 4.
Related documents	n.a.

## 1 Background

The Data Quality checks are revised to adjust the reporting of data quality issues to the Member States. For the next year, the major change in SSN is the new version 5 (planned to be deployed in Production in December) which will include the exchange of information on:

- persons sailing on board passenger ships for search and rescue purposes as required by Directive 98/41/EC as amended by Directive (EU) 2017/2109;
- revised advance waste notification and the waste delivery receipt, and the subsequent transmission to THETIS-EU to support the inspection database on port reception facilities, as required by Directive (EU) 2019/883, and;
- the proposals for the improvement of Incident Reporting.

## 2 Transition periods

The HLSG agreed different transition periods for the implementation of each of the points above as follows:

- Information from the revised advance waste notification and the waste delivery receipt (required by Directive (EU) 2019/883): transposition to national law by 28 June 2021 (Art.24). Central SSN system available as from December 2021. **End of transition period: May 2022;**
- Information on persons sailing on board passenger ships (required by Directive 98/41/EC as amended by Directive (EU) 2017/2109): transitional period of 6 years from 20 December 2017 (Art. 4.2 and Art. 5.3). Central SSN system available from December 2021. **End of transition period: December 2023;**
- Improvement of Incident Reporting (not required by any legal act): Central SSN system available from December 2021. **End of transition period: December 2022.**

### 3 Proposal

It is proposed to implement by June 2022 the following checks corresponding to the **waste delivery receipt**:

- Number of Waste receipts provided (in the daily report issued per MS and in the yearly report);
- Timeliness of the Waste receipt, following the same approach as for the Hazmat EU Departure (before departure, 3h after or more than 3h after).

Further checks on SSN v5 should be discussed at a later stage.

### 4 Actions required

Member States are invited to take note of the above information. The changes in the list of current availability and data quality checks can be found in the annex (inserted in red).

## ANNEX

Availability and data quality checks (changes inserted in red)

Check	Details	How? Purpose?	How often	
SSN Related			Daily	Regular Report
Availability of SSN	Applicable to central and national systems	Based on reported full downtimes. Fulfil ICD/IFCD requirements including backup procedures	Continuously	x
Availability of request-response mechanism	Applicable to central and national systems	Requesting for Hazmat, Security and bunker details to verify the availability of the details.	x (1 MS/day)	x
Ship details	Dead ships	To correct erroneous data affecting SSN & THETIS	Continuously	
Ports	Activity of Ports	Number of ship calls		x
	Missing Port Notifications	Cross checks with AIS and external data	x (2 MS/Day)	x
	Missing Port Notifications (ROPAX)	Cross checks with AIS and external data	x (2 MS/Day)	x
	Actual time of arrival / departure	If reported	x (1 MS/day)	x
	Actual time of arrival / departure (ROPAX)	If reported	x (1 MS/day)	x
	Actual time of arrival/ departure	Timeliness against the SentAt		x

Check	Details	How? Purpose?	How often	
	Estimated arrival	Timeliness against the SentAt		x
	Dummy values employed in ETAs/ETDs	Implementation of the Dir. Requirements		x
<b>Rejected messages</b>	Status Code= Rejected	Target is 0 rejected, purpose - implementation of SSN business rules	x (1 MS/day)	x
<b>Location codes</b>	Use of non-identified/ non-defined (in UNECE or SSN Specific)	Harmonisation of destination ports/voyages	Continuously	x
	THETIS	To align when necessary SSN and THETIS Locodes	Continuously	x
<b>Notifications</b>	Numbers/ Counting	Detect inconsistencies, missing reporting/ Provide overall picture of Ship calls and Hazmat, Waste, <b>Waste delivery receipt</b> , bunker and Security reporting trends. Exemptions are taken into account	x (1 MS/day)	x
	Number of updates	Detect unnecessary updates		x
<b>Persons on Board</b>	Missing & percentage of reporting vs. dummy values	Implementation of the Dir. Requirements		x
<b>Hazmat</b>	Reported before arrival or after	Implementation of the Dir. requirements		x

Check	Details	How? Purpose?	How often	
	Destination of the HAZMAT	Data quality and accuracy		x
	Missing Hazmat	Cross check with MRS reports	X (random checks)	x
	Monitoring the completeness of Hazmat details (DG Classification and location on board)	To check the content of Hazmat details	x (1 MS/day)	x
<b>Waste</b>	<b>ON HOLD</b> Monitoring the completeness of Waste details (Last port and date of last delivery and reporting of the types and amounts of waste to be delivered and/or remaining on board)	To check the content of Waste details	x (1 MS/day)	x
	Reported before arrival or after	Implementation of the Dir. requirements		x
<b>Waste delivery receipt</b>	<b>Reported before departure or after</b>	<b>Implementation of the Dir. requirements</b>		<b>x</b>
<b>Bunkers</b>	Reported before arrival or after	Implementation of the Dir. requirements		x
<b>Incident Reports</b>	Reporting of incidents or accidents	Implementation of the Dir. requirements/ Availability of data/ Types of reports		x
	Monitoring the completeness of IR details	To check the content of IR details	Continuously	x

Check	Details	How? Purpose?	How often	
<b>MRS reporting</b>	Number/ Implementation/ Coverage	Implementation of the Dir. requirements		x
	MRS availability	Monitor the MRS details availability	x (1 MS/day)	x
<b>AIS reporting</b>	Number/ Implementation/ coverage	Implementation of the Dir. requirements		x
	AIS availability	Monitor the AIS details availability	x (1 MS/day)	x

Check	Details	How? Purpose?	How often	
<b>EU LRIT Related</b>			Daily	Regular Report
<b>Ship LRIT DB</b>	Flag of the ships	To detect ships not having the country flag		x
	Model of the terminal	To proper identify those with type "Other"		x
<b>EU LRIT CDC</b>	Ships not integrated	To keep all ships registered in the EU LRIT DB reporting at the expected rate (6h)		x
	Ships not reporting			x