SSN Group meeting 25 Introduction

Agenda item 25.5.1 and 25.5.2

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EMSA
European Maritime Safety Agency

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1. SSN IMPLEMENTATION
2. SSN AVAILABILITY AND PERFORMANCE
3. DATA QUALITY AND AVAILABILITY
4. INTERFACE WITH THETIS
5. PROPOSALS AND REQUESTED ACTIONS

SSN Commissioning Tests (week 19)

Member State	Commissioning Tests	Comments
Belgium	Yes	
Bulgaria	Yes	
Croatia	Yes	
Cyprus	Yes	
Denmark	Yes	
Estonia	Yes	
Finland	Yes	
France	Yes	Pending Security & Waste
Germany	Yes	
Greece	No	
Iceland	Yes	
Ireland	Yes	
Italy	Yes	
Latvia	Yes	

Member State	Commissioning Tests	Comments
Lithuania	Yes	
Malta	Yes	
Netherlands	Yes	Pending Security & Waste
Norway	Yes	
Poland	Yes	
Portugal	No	
Romania	Yes	
Slovenia	Yes	
Spain	Yes	
Sweden	Ongoing	Preliminary tests done in August Pending completion of Shipcall response tests
United Kingdom	Yes	

SSN V3 Implementation (week 19)

Member State	In production with V3	Comments
Belgium	Yes	
Bulgaria	Yes	
Croatia	Yes	
Cyprus	No	Planned 11-15 April 2016
Denmark	Yes	Using V2 and V3 protocol
Estonia	Yes	
Finland	No	Planned 16 May 2016
France	Yes	Pending Security & Waste
Germany	Yes	
Greece	No	
Iceland	Yes	
Ireland	Yes	
Italy	Yes	

Member State	In production with V3	Comments
Latvia	Yes	
Lithuania	Yes	
Malta	No	
Netherlands	Yes	Pending Security & Waste
Norway	Yes	
Poland	Yes	
Portugal	No	
Romania	No	Planned 9 May 2016
Slovenia	Yes	
Spain	Yes	
Sweden	No	
United Kingdom	Yes	Security not provided

Recommendation:
Member States are invited to note the above information, and to provide feedback should there be any changes in the information presented at the time of the meeting

SSN Implementation – PortPlus

- **PortPlus notifications** is not yet harmonised for all Member States:
  - number of notifications reporting “Hazmat non-EU Departure;
  - double reporting of Shipcalls;
  - number of missing PoB;
  - incorrect implementation of the Anchorage attribute;
  - lack of provision of ATA/ATD.

- **Cyprus, Denmark, Estonia, Finland, France, Germany, Latvia, Lithuania, Norway and Spain** do not provide the detailed part of notifications or do not provide the complete information

Recommendation 1:

Member States are invited to resolve the reported issues and provide feedback

SSN Implementation – Exemptions

- **The majority of MSs** do not benefit from the exemptions possibilities or do not report them in SSN

- EMSA acknowledges that the use of exemptions is new in SSN and some **guidance might be necessary** to better understand the implications and identify the best way forward.

Recommendation 2:

Member States are invited to:

1) **Provide their feedback on the problems encountered in relation to granting exemptions and registering them in SSN**

2) **Comment on the possibility on establishing guidelines on how to register and manage exemptions in SSN system**

SSN Implementation – AIS information

- **All Member States** provide AIS data to the central SSN through Streaming Interface, however **Bulgaria, Cyprus, Estonia, Finland, France, Germany, Greece, Iceland, Ireland, Lithuania, Malta and Slovenia** still provide AIS information using XML mechanism which adds no value and causes unnecessary data flows

Recommendation 3:

The 12 Member States still using the AIS XML interface are invited to phase-out this interface

SSN Implementation – Ship MRS

- MRS information from **Ireland** (WETREP), **Norway** (BAREP), **Portugal** (WETREP) and the **United Kingdom** (CALDOVREP and WETREP) are not yet reported

- **Denmark, Estonia, Finland and Portugal** are providing Ship MRS Notifications in V.2 format for which the detailed part cannot be retrieved by those MSs using the SSN V.3

Recommendation 4:

Denmark, Estonia, Finland and Portugal are invited to:

1) **Implement the V.3 XML messaging framework for Ship MRS Notifications**

2) **Phase-out Ship MRS Notifications in V2 format**

SSN Implementation – Incident Reports

- **Romania and Slovenia** use the old framework Alert notifications

- **Denmark and Latvia** completed the commissioning test for the new framework but are not using it

Recommendation 5:

Member States are invited to:

1) **Use the new IR framework either through XML/SOAP or the SSN UWI**

2) **Phase-out the old Alert notifications**

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System Availability and Performance

- **SSN Central system:** 99.67% availability in 2015 (16 downtimes with total duration of 29h 10m)
- **SSN–THETIS interface:** 13 downtimes with total duration of 42h 45m
- **SSN National systems:**
  - No relevant full downtimes
  - Significant downtimes affecting the provision of PortPlus information to Thetis (**Croatia, Cyprus, Denmark, Finland, Iceland, Italy, the Netherlands and Norway**)
  - **France** (AIS information) and **Malta** (all notifications) do not ensure the storage of SSN message during disruptions in communications

Recommendation 7 and 8:

Member States are invited to take appropriate measures to:

1) **Reduce downtimes as far as possible**
2) **Ensure the storage of SSN messages during disruptions in communications**

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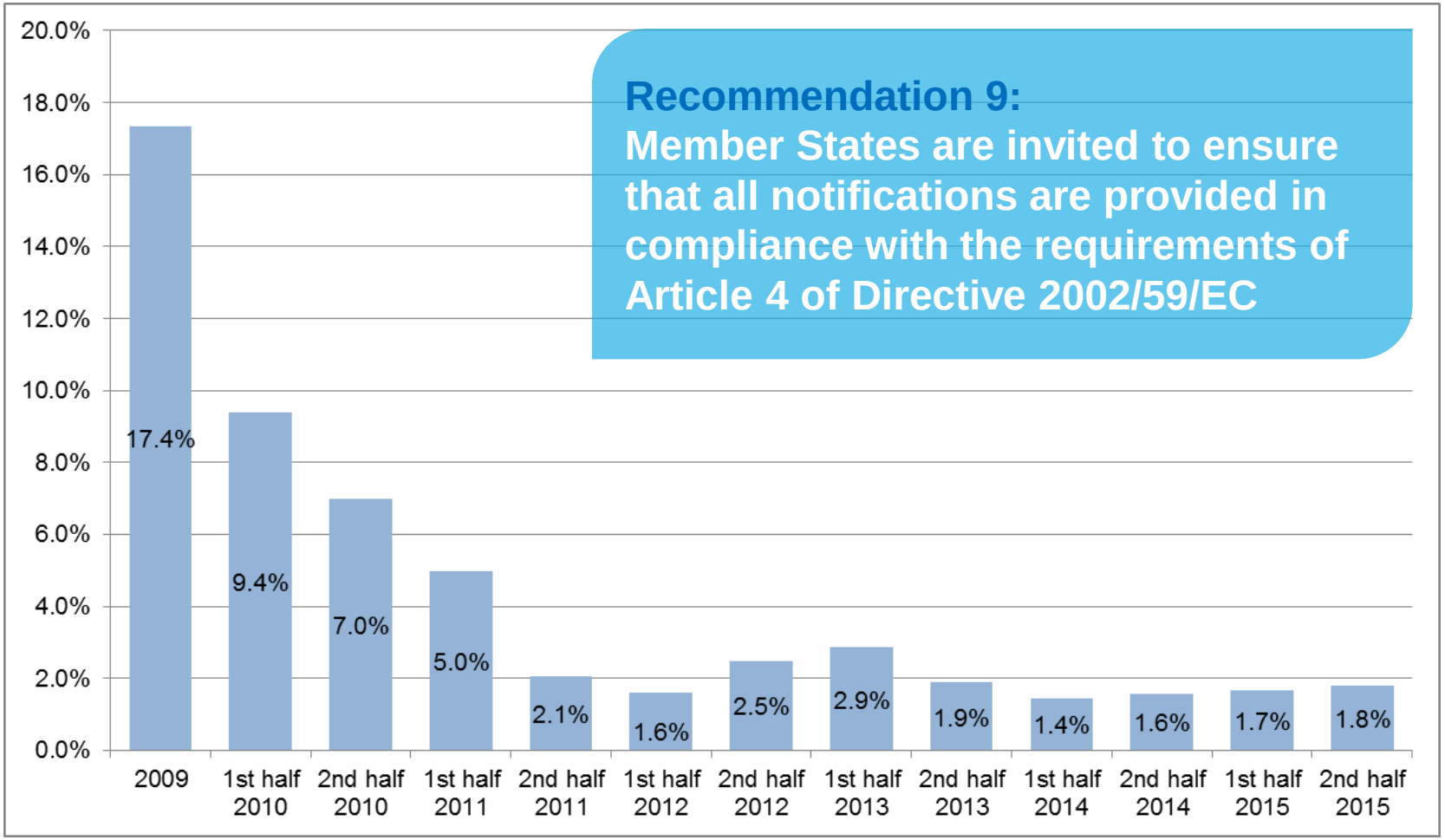
Data Quality and Availability

Port arrivals

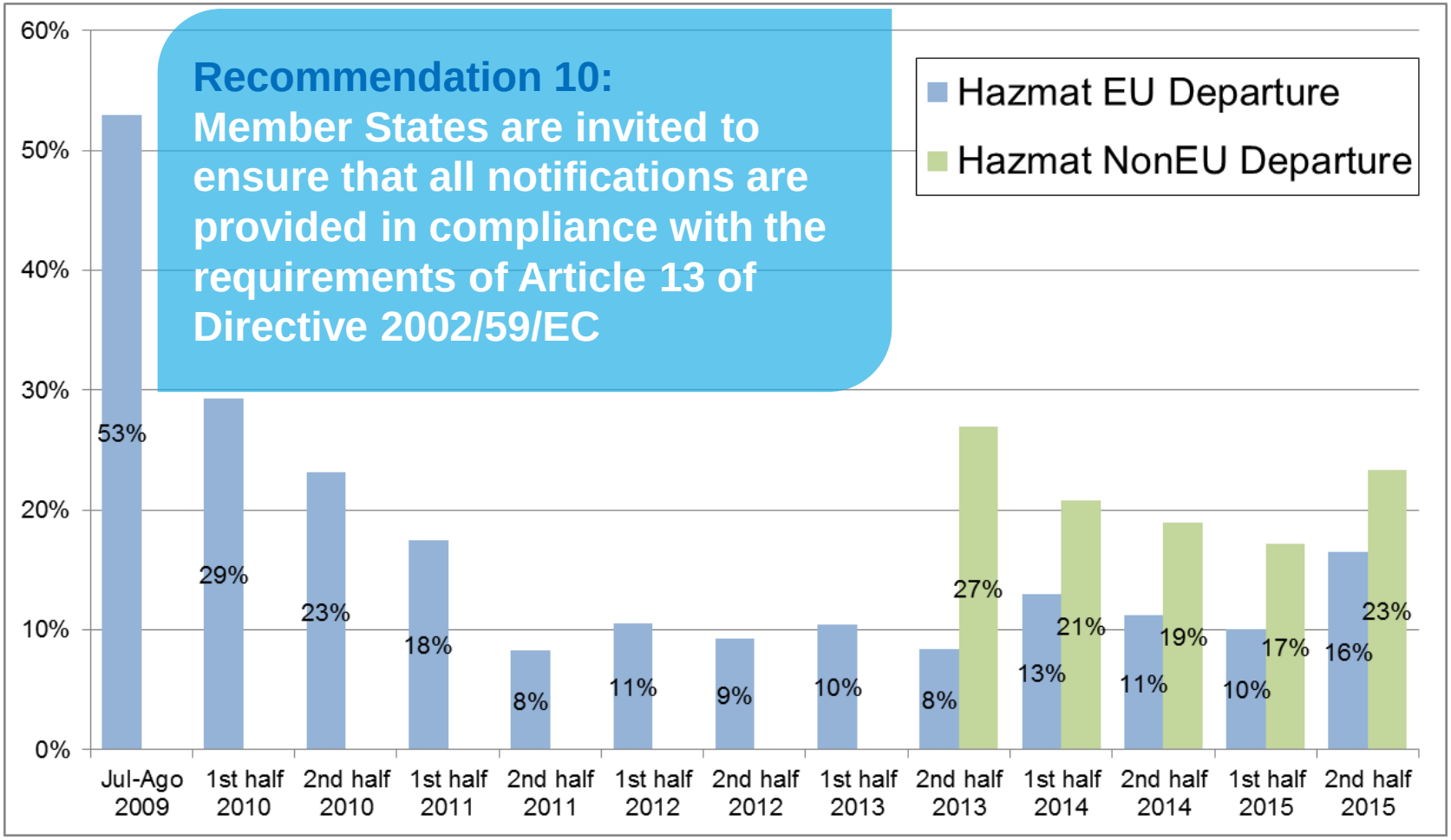
1.8% (80 out of 4,461 checked shipcalls) were missing



Data Quality and Availability

Hazmat information

18.8% (437 out of 2,325 checks) were missing



Data Quality and Availability

Availability of the details (week 19)

Member State	Hazmat	MRS	Waste	Security
Belgium	V3	V3	V3	V3
Bulgaria	V3	-	V3	V3
Croatia	V3	V3	V3	V3
Cyprus	V2	-	X	X
Denmark	V2 / V3	V2 / V3	V3	V3
Estonia	V3	V2	V3	V3
Finland	V2	V2	X	X
France	V3	V3	X	X
Germany	V3	-	V3	V3
Greece	V2	-	X	X
Iceland	V3	V3	V3	V3
Ireland	V3	X	V3	V3

Member State	Hazmat	MRS	Waste	Security
Italy	V3	V3	V3	V3
Latvia	V3	-	V3	V3
Lithuania	V3	-	V3	V3
Malta	V2	-	X	X
Netherlands	V3	-	X	X
Norway	V3	X	V3	V3
Poland	V3	V3	V3	V3
Portugal	V2	V2	X	X
Romania	V2	-	X	X
Slovenia	V3	V3	V3	V3
Spain	V3	V3	V3	V3
Sweden	V2	-	X	X
United Kingdom	V3	X	V3	X

V2 / V3	SSN version used by the MS
X	MS not providing this type of information
V3	detailed part available
V2	detailed part not available
-	information not applicable to the MS

Recommendation 11:

Member States are invited to ensure that the detailed part of the relevant notifications is made available to the MS data requester in electronic format

Data Quality and Availability

Rejected notifications

- Overall situation improved from 3.31% to 1.17%

  Most of the Member States are still above the limit defined in IFCD

  (Rejected messages should account for less than 0.1% of messages sent)

- What is being done:
  - MSS is continuously monitoring and reporting to the MSs on a monthly basis;
  - Member States are progressively monitoring national system;
  - Member States are correcting the causes of rejection, and;
  - resending notifications upon correction.

Recommendation 13:

Member States are invited to rectify the reported quality problems to ensure that rejected messages are eliminated, in particular by implementing checking rules in the national SSN system

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Mismatched LOCODEs

Shipcalls for LOCODEs not aligned between SSN and THETIS will not be created in THETIS

- 11 LOCODEs used in SSN were not in THETIS (5 in previous period)

- What is being done:
  - EMSA is recalling PSC authorities for the need to align LOCODEs between THETIS and SSN
  - MSS is reporting on monthly basis LOCODEs used in SSN but not listed in THETIS
  - Member States keep the effort for aligning SSN and THETIS LOCODEs

Recommendation 14:

Further effort from Member States is necessary in order to align the SSN with the THETIS LOCODE

Notifications not Processed

- For a single day (10 Feb) THETIS has not processed 57 SSN notifications

BR	Business rule	Number of rejections	Measure	Proposal
1	Location is missing or does not exist in the THETIS DB	7	None (HLSG Decision)	EMSA will continue reporting on monthly basis LOCODEs used in SSN but not listed in THETIS
2	ATA or ATD in the future (>3h)	3	None (HLSG Decision)	MSs are requested to send this information in the reasonable time
3	New call without IMO number where MMSI number does not correspond to any ship in the THETIS DB	46	Development of the CSD	The Central Ship Database and the possible interaction of this registry with national ship's registries may reduce this
4	Invalid vessel identifier (IMO)	3		
	Total	**57**		

Interface with THETIS

Provision and timeliness of ATA and ATD

Shipcalls in THETIS are recognized only when ATA has been provided

- **On the missing ATAs / ATDs**

  3.7% of the ship calls are missing the ATA and ATD

  (5.5% in previous reported period)

- **On the timeliness of ATAs / ATDs**
  - 0.1% of ATAs are provided more than 3h in advance (previously 0.2%)
  - 0.021% of ATDs are provided more than 3h in advance (previously 0.4%)

  89% of the notifications the difference between the SentAt and the ATA / ATD is within 3h (82% in previous reported period)

Recommendation 15 and 16:

Member States are invited to:

1) **Ensure that correct ATA and ATD information is always provided**
2) **Provide the ATA and ATD for ships calling at their ports and anchorages via SSN within a reasonable time**

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Proposals and Requested Actions

Member States are invited to comment on:

1) The current status or planning of SSN V3 implementation
2) The availability of the detailed part of the notifications (Hazmat, Waste, Security and MRS)

3) The problems encountered in relation to granting exemptions and registering them in SSN
4) The possibility on establishing guidelines on how to register and manage exemptions in SSN system

5) The phase-out of AIS XML interface

6) The phase-out of Ship MRS Notifications in V2 format

7) The phase-out of old Alert notifications

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