

# SafeSeaNet Workshop 20

## SSN Interface




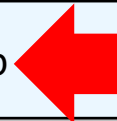
Agenda item 20.4.3

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## Progress report: SSN Interface subgroup

Date	Task	Responsible
<b>SSN Subgroup</b>		
<b>25 June</b>	1 <sup>st</sup> meeting Finalise functional specifications Revise draft technical specifications – definition of the data elements	EMSA / Subgroup 
<b>13 Aug.</b>	2 <sup>nd</sup> meeting Revise draft technical specifications – XML messages, the exchange mechanism, data element coding and the business rules	EMSA Subgroup 
<b>5 Sep.</b>	Finalise draft technical specifications by correspondence Report to SSN WS 20	Subgroup / EMSA 
<b>SSN Group</b>		
<b>6 Nov.</b> <b>[SSN 20]</b>	Validate the technical specifications of SSN v3: • XML Reference Guide	SSN Group 
<b>eMS Group</b>		
<b>11 Dec.</b>	Provide information on the work done by the sub-group	eMS Group
<b>HLSG</b>		
<b>TBC Dec.</b>	Formal approval of the technical specifications	HLSG

# Technical specifications - Proposal

## Waste and Security information requirements

- Waste and Security are the most relevant changes to SSN deriving from RF Directive
- The following was considered:
  - Waste and Security business rules (approved by eMS)
  - Waste and Security data elements (Data Mapping sub-group)
- Waste and Security is included in the PortPlus notification
- Detailed information is stored at national level (made available upon request using the current SSN exchange mechanism)
- Each data element follows what already exists in SSN and existing international standards

# Technical specifications - Proposal

## Improvements to the Hazmat information

- Current SSN technical implementation of the Hazmat XML message needs improvements - its structure does not allow to properly identify Hazmat in bulk
- Comparison of SSN Hazmat notification and FAL 7:
  - Possibility to incorporate additional data elements from FAL 7 in the NSW and exchange through SSN
  - Additional data elements included as **optional fields**
- RF Directive requirements for electronic transmission of data:
  - Information to be exchanged using a pre-defined structure
  - Option of downloading Hazmat details via URL is removed

# Technical specifications - Proposal

## Request for details

- Current exchange mechanism in SSN is maintained with the existing queries for requesting the details
- Changes proposed reflect the upgrade to include the requests for Waste and Security detailed information
- Possibility to select the level of detail to be requested regarding the Waste and Security (similar to Hazmat)
  - This allows the summarised information provided in the notification to be provided without generating request for details to the provider
- The draft XML Reference Guide does not allow combined requests (this is limited to either Hazmat or Waste or Security details)

# Technical specifications - Proposal

## Information on exemptions

- Currently implemented only using the SSN web (not provided when using XML) → not in line with the IFCD
  - Need to implement the exchange of Security exemptions, as agreed by the MARSEC Committee
  - Improvements:
    - a new XML message for the reporting of exemptions, in addition to the existing possibility of reporting exemptions via the SSN web interface
    - the information on the exemptions applicable to ships is provided in the response message (individually for pre-arrival, Hazmat and Security)
- The Waste business rules do not include any requirement on exemptions - need first to amend Dir. 2000/59/EC



# Technical specifications - Proposal

## Traceability of the information provided

- Waste and Security business rules include requirements regarding the traceability of the actions performed by users
- IFCD also includes, requirements for traceability of the actions performed by SSN users accessing the system
- Proposal to improve the traceability of the current SSN system:
  - identification of the requestor included in the “request for details”
  - source of the information provided included in the “response message”

## Next steps...

### Following the validation of SSN Group [Nov.2013]:

- **eMS Group [11.Dec]** - Provide information on the work done
- **HLSG [Jan 2014 tbc]** - Formal approval of the SSN v3 technical specifications



# POB voyage towards next port

## Current proposal in XML v3.00

- POBVoyageTowardsNextPort is included in the element group **HazmatNotificationInfoEUDepartures**
- HazmatNotificationInfoEUDepartures** may be used when there is no Hazmat to report the POB. It needs to quote HazmatOnBoardYorN = "N"

<b>HazmatNotificationInfoEUDepartures</b>			0-1
<b>HazmatCargoPOBInformation</b>			1
HazmatOnBoardYorN			1
INFShipClass			0-1
POBVoyageTowardsNextPort			1
<b>DG</b>			0-99
DGClassification			1

# POB voyage towards next port

## NEW proposal

- POBVoyageTowardsNextPort is moved to the element group ***DepartureNotificationDetails***
- POBVoyageTowardsNextPort not mandatory

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<b><i>DepartureNotificationDetails</i></b>		0-1
ATDPortOfCall		1
POBVoyageTowardsNextPort		0-1