

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

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Lisbon, 13 March 2015

SAFESEANET OPERATIONAL AND LEGAL ASPECTS

HAZMAT WG – progress report

Submitted by EMSA

<i>Summary</i>	Presents the work carried out by the HAZMAT Working Group in accordance with the revised terms of reference approved at HLSG 12.
<i>Action to be taken</i>	As per paragraph 3
<i>Related documents</i>	a. Directive 2002/59/EC, as amended b. HLSG 12.3.2 c. SSN Group 22/3/3

1. BACKGROUND INFORMATION

The High Level Steering Group (HLSG) 9 agreed to establish a HAZMAT Working Group (HWG) with the objective to develop and propose measures for improving the reporting of dangerous and polluting goods (Hazmat) in SafeSeaNet. The deliverables of the working group were the:

- Guidelines on reporting HAZMAT information; and
- Requirements for a common HAZMAT Reference Database (CHRD).

These documents were approved by SSN Group 22 and subsequently validated by the HLSG 12.

SSN Group 22 also agreed that the HWG should continue to function but with revised terms of reference. It therefore identified a number of areas which should be included as future work for the HWG. HLSG 12 concurred with this view and approved new terms of reference (Annex 1).

2. CURRENT STATUS

The first issue dealt with by the HWG was the establishment of a HAZMATID which will be assigned to each HAZMAT product item within the CHRD. A unique identifier is required in order to combine different lists in one central database in a homogeneous manner. It will be composed in the following manner:

- a. the first part will indicate the relevant IMO Convention or Code of the product by using the abbreviation of the code (IMDG, IMSBC, IBC, etc).
- b. The following digits will indicate the UN number, if available. If a UN number is unavailable, as in the case of IBC products, a common fixed number may be used, for example, '0000' to clearly indicate that a UN number is not applicable.
- c. The last digits will refer to the sequence number of the product.

The HAZMATID may be used for reporting HAZMAT, by data providers, to the SSN systems and the National Single Windows, as well as to be able to link the CHRD and the MAR-CIS database.

The use of the HAZMATID is not to replace the reporting of details required by Directive 2002/59/EC. It is also important to highlight that it will only be used on a voluntary basis. The central SSN will not reject HAZMAT notifications which will not include the HAZMATID or if there is no entry in the CHRD. Moreover, to cater for its use, in the future, the SSN messages will have to be adapted to use this ID.

The HWG also noted that the HAZMATID is a technical development which can only be used for reporting HAZMAT in SSN. However, the group remarked that reporting HAZMAT can be improved if a harmonised numbering system is established on an international basis. This would require an international approach. Therefore, the group recommended that the Commission takes note of this issue so that it may raise the matter within the appropriate fora.

The second task concluded by the HWG was related to the alignment of the HAZMAT Guidelines and the SSN XML Reference Guidelines. Following the approval of the Guidelines, SSN 22 invited EMSA to review the XMLRG and identify improvements related to HAZMAT reporting. Annex II lists the proposed amendments to the XMLRG v3.02 and indicates whether the proposed changes would have an impact on the SSN systems. The proposed changes have no legal impact on the reporting requirements in accordance with Directive 2002/59/EC.

The next steps of the HWG would be to define the content of a leaflet on HAZMAT reporting and to establish a training module on reporting HAZMAT in SSN. In both cases EMSA will draft the initial proposal which will then be discussed by the HWG. It is expected that the discussion on the leaflet will take place during April 2015. While the discussion on the establishment of training modules will commence mid-April 2015 and should be concluded by end of June 2015.

3. PROPOSAL

Member States are invited to validate the proposed composition of the HAZMATID for its use in the CHRD, bearing in mind that its use in reporting of HAZMAT will be on a voluntary basis. Member States should also note that once introduced in the CHRD, it can only be used effectively when the relevant SafeSeaNet messages are amended to include the possibility to exchange this data element between Member States. The latter change may take place when a new version of SSN is considered by the SSN Group.

Member States are also invited to validate the non-technical amendments to the XMLRG 3.02, as contained in Part 1 of Annex II, so that the guidance provided in the XMLRG are aligned to the SSN Guidelines on HAZMAT reporting. On the other hand, the amendments which have a technical impact on the SSN systems (Part 2 of Annex II) can only take place when a new version of SSN is being considered by the SSN Group.

The decisions of the SSN Group will be referred for the consideration of the HLSG.

Attachments:

Annex I: Revised Terms of Reference

Annex II: Proposed Changes to SSN XML Reference Guide 3.02

Annex I

HAZMAT Working Group Terms of Reference (as revised at HLSG 12)

1. OBJECTIVE

The objective of the SafeSeaNet (SSN) Hazmat Working Group (HWG) is to monitor developments with respect to HAZMAT reporting and to consider initiatives for improving HAZMAT reporting in SSN.

2. CONTEXT

The HWG should, in the course of its work, consider where relevant and appropriate, developments in the international context and particularly at the International Maritime Organisation (IMO).

3. Deliverables and Working methodology

The HWG should:

- a) keep under review i) the Guidelines on Hazmat Reporting in SafeSeaNet, and ii) the Common Hazmat Reference Database (CHRD), and propose improvements taking into consideration operational requirements and changes to HAZMAT related legal instruments,
- b) bring to the attention of the SSN Group any issue or development which has an impact on HAZMAT reporting,
- c) propose measures for improving the CHRD (e.g. the use of a unique HAZMAT ID),
- d) develop measures (e.g. leaflets, training modules) on how the Guidelines can be used to improve the reporting of HAZMAT in SafeSeaNet, and
- e) consider any other HAZMAT related issue which the SSN Group may assign to it.

4. Resources and members

Each Member State participating in SSN, including representatives of industry with an interest in HAZMAT information, as well as the European Commission, has the right to nominate members to the HWG.

EMSA will provide the secretariat and coordinate, collate and amalgamate the information sources identified by the members of the HWG into working documents for ongoing dissemination and agreement. The HWG reports will cover the agreed objectives and reflect the views of the participants.

If necessary, coordination with the eMS group will also be ensured.

5. Working methodology

The HWG will work mainly by correspondence, but coordination meetings may be organised if necessary to discuss specific topics.

When meeting outside EMSA's premises, travel costs shall be covered by each participant. EMSA may chair the meeting if requested by the hosting MS.

6. Approval of deliverables

Any documents, encompassing the work of the HWG, will be submitted to the SSN Group for discussion or approval at least one month before a SSN Group meeting in order to allow for effective feedback. The chair of the HWG will present the document at the SSN Group meeting.

7. Duration

The SSN Group may establish specific time-frames whenever it requests additional work from the HWG. The HLSG may decide to terminate the mandate or to change the terms of reference of the HWG.

Annex II

Proposed Changes to SSN XML Reference Guide 3.02 to align with the SSN Guidelines on Reporting HAZMAT

1. Changes without any technical impact

1.1 MS2SSN_PortPlus_Not - Business Rules

Attribute Name	Present Business Rules description	Proposed Amendment to Business Rules description	Justification
DG	Provides the indication of the types of dangerous and polluting goods on board.	Add: 'For guidance refer to the SSN Guidelines on Reporting HAZMAT'	The Guidelines include further information on how to identify the DG Classification of dangerous and polluting goods
INFShipClass	Recommendation: This is to be provided only if ship carries class 7 cargo	Replace description by: 'The INF class of the ship has to be reported only if the ship is carrying any of the materials covered by The International Code for the Safe Carriage of Packaged Irradiated Nuclear Fuel, Plutonium and High-Level Radioactive Wastes on Board Ships (INF Code). For further guidance refer to SSN Guidelines on Reporting HAZMAT.'	To provide further clarification on when this data element has to be reported.

1.2 MS2SSN_ShipCall_Res - Business Rules

Attribute Name	Present Business Rules description	Proposed Amendment to Business Rules description	Justification
DGClassification (under DPGItem)	Recommendation: Depending on the DGClassification (IMO Code) certain DPGItems might be applicable. Please refer to table in Annex C.	Replace description by: "For guidance on reporting the classification of dangerous and polluting goods refer to the SSN Guidelines on Reporting HAZMAT."	The Guidelines provide more information on how to identify the DG Classification and Annex C is not compatible with the Guidelines.

1.3 Annex A

Attribute Name	Present Description and General Rules	Proposed Amendment to Description and General Rules	Justification
EmSNumber	Emergency response procedures for ships carrying	Replace by:	To clarify and align with IMDG

	dangerous goods number	"This refers to the relevant emergency schedules for fire and spillage in "The EmS Guide – Emergency Response Procedures for Ships Carrying Dangerous Goods"".	terminology.
Flashpoint	The temperature in degrees Celsius at which a liquid will give off enough flammable vapour to be ignited. According IMDG Code DG Class 3	Delete: "According IMDG Code DG Class 3"	Flashpoint is also applicable to other types of cargo
LocationOnBoard	<p>The following formats for Stowage cells are recommended:</p> <ul style="list-style-type: none"> • If container vessels as per ISO standard: Bay/Row/Tier in format: <i>BBBRRTT</i>. If Bay number is less than 3 characters it must be filled with leading zeros, e.g. "0340210". • If feeder vessels as per ISO standard: Hatch/Tier/Row in format: <i>HHHTTRR</i>. If hatch number is less than 3 characters it must be filled with leading zeroes. • If ro-ro vessels: Deck/Bay/Row/Tier in format: <i>DDBBBRRTT</i> • If general cargo vessels: 3 to 9 characters, format: firstly 3 characters (mandatory) for the cell number (01, 02, etc. with a further indication: S (starboard), P (Portside) of C (Centre)); secondly 3 characters (optional) for the indication of the deck level: <ul style="list-style-type: none"> o WED = weather deck o TD9 = tween deck 9 o ... o TD1 = tween deck 1 o LOH = lower hold thirdly 3 characters (optional) for a further indication within a hold, e.g. hatch covers. • If tanker vessel: tank number. 	<p>Replace by:</p> <p>"For guidance refer to SSN Guidelines on Reporting HAZMAT"</p>	More detailed guidance is provided in the Guidelines

1.4 Annex C

This Annex should be deleted because this recommendation is no longer required in view of the adoption of the SSN Guidelines on reporting HAZMAT.

2. Changes which have a technical impact

2.1 MS2SSN_ShipCall_Res - Business Rules

Attribute Name	Present Business Rules description	Proposed Amendment to Business Rules description	Justification
IMOHazardClass	Mandatory if DGClassification="IMDG" or "IGC"	Replace: "or IGC" by "IBC" or "IMSBC."; and Add: "Refer to the SSN Guidelines on Reporting HAZMAT for information on possible values.".	The IGC does not include hazard classes but the IBC and IMSBC do include hazard classes. The Guidelines include information on possible values for each of these Codes.
UNNumber	Mandatory if DGClassification="IMDG" or "IGC"	Delete: 'or "IGC"'.	The UN Numbers are provided in the IGC for information only and will be deleted in the updated version of the Code which will be applicable as from 1st July 2016.

2.2 Annex A

Attribute Name	Present Description and General Rules	Proposed Amendment to Description and General Rules	Justification
EmSNumber	Emergency response procedures for ships carrying dangerous goods number	Replace by: "This refers to the relevant emergency schedules for fire and spillage in "The EmS Guide – Emergency Response Procedures for Ships Carrying Dangerous Goods"".	To clarify and align with IMDG terminology. The name of the attribute should be changed to 'EmSCode' and to include the appropriate values.
IMOHazardClass	IMO Hazard class (IMDG-IBC-IGC-IMSBC codes) of DPG	Delete: "IGC"	The IGC does not include hazard classes

MARPOL CODE	<p>The code values are those defined in MARPOL Annex II.</p> <p>Possible values: "X", "Y", "Z", "OS" and "UNKNOWN"</p>	<p>Replace by:</p> <p>"The code values are those defined in MARPOL Annex II (and IBC) Pollution Category - Possible: values "X", "Y", "Z", "OS", and Marpol Annex III (and IMDG) Marine Pollutant - Possible value "P""</p>	To align the possible values with MARPOL
PackingGroup	<p>Code as appropriate and as defined in IMDG: "I", "II", "III" and "NONE"</p>	Delete: "and "None"".	'None' is not a packaging group in the IMDG Code. Some products do not have a packing group.