



European Maritime Safety Agency

Meeting Report

eMS data mapping and functionalities sub-group 3rd Meeting

Brussels

10 September 2013

1. Background

The eMS sub-group on data mapping and functionalities was established by the eMS group to harmonise the data set of information to be provided to the National Single Window (NSW) when fulfilling the reporting formalities under Directive 2010/65/EU. In addition, the sub-group also provides support in the definition of the minimum required functionalities that the NSW should support ("NSW guidelines" document).

This was the third meeting of the sub-group. The purpose of the meeting was to finalise the report of the sub-group regarding the data set harmonisation and review comments received from the MS authorities and maritime industry on the draft "NSW guidelines" document.

In addition, the sub-group had been tasked by the eMS group to do a preliminary review of the data which could be re-used at EU level between MS.

The meeting was chaired by the Commission (COM), with the support of EMSA.

The meeting was attended by delegations from Belgium, Bulgaria, Finland, France, Germany, Ireland, Italy, Latvia, Poland, Romania, Spain, Sweden, the Netherlands, Norway, EPCSA, ECSA and WSC

The agenda of the meeting is attached as **Annex**.

2. Data mapping – presentation of work by group of member states

A group of member states including The Netherlands, Germany, Sweden, Italy and Bulgaria presented their work regarding the definition of minimum requirements for the implementation of NSWs.

The work, which is based on the WCO data model, aimed at defining data classes, a conceptual data model, a proposal on message structure and recommendations on a business rules repository structure. The group also introduced the principle of a "visit id" which serves as unique reference for all declarations of the visit of a ship in a port.

Finalisation of the work is expected in October with an approval by the group of MS end November.

COM recommended that the group of MS should report the results to the sub-group.

3. Data Mapping - business rules, technical definitions, data structure

EMSA introduced the report of the sub-group which had been distributed to participants before the meeting.

The report is the result of the work of the sub-group regarding the identification of data elements required from the reporting formalities covered by Directive 2010/65/EU:

- Step 1: Identification of data elements,
- Step 2: Mapping of data elements from each formality,
- Step 3: Definition of data elements,
- Step 4: inclusion in the NSWs,
- Step 5: Technical definition of data elements,
- Step 6: Data structure,
- Step 7: Messaging systems.

In addition the report gives clarifications received from COM and other eMS sub-group on issues raised by the sub-group. In this latest version, the report provides a technical specification for each individual data element, as well as indication of corresponding elements from existing standard (ISO 28005 and WCO data model). This aims at achieving harmonisation between MS implementations.

As regards step 7, FR recommended that the IMO compendium be added as a reference, in addition to WCO data model and ISO 28005 standards. This was agreed by the sub-group.

NL advised that message structures should be harmonised. EMSA explained that this was difficult as for instance existing standards do not use the same message structures. The sub group members recognised that harmonising message structures for all MS would be difficult. The report does not impose the use of a one unique standard, but considers that, in order to ensure that the same information can be reported to the NSW regardless of the standard used, it is necessary to guarantee the interoperability between the messaging systems implemented by the NSWs. For that purpose the report includes a mapping of data elements from ISO 28005 standard and WCO data model.

DE informed that additional data elements may be found in the work the group of MS. COM invited the group of member states to communicate the list to the sub-group.

Participants were invited to provide their comments on the report and in particular on the technical definitions of data elements until **27 September**.

The report will be presented to the next eMS meeting.

4. Re-use of data at EU level

At the last eMS meeting (eMS9 – 18 June), the group decided that a preliminary review of the data which can be re-used at EU level should be done at the Data Mapping and Functionalities sub-group.

EMSA drafted basic principles regarding the re-use of data and undertook a preliminary identification of data elements.

WSC advised that the proposal would be highly beneficial to the users of the NSW.

The sub-group concluded that first priority should be given to the fulfilment of obligations from the Directive. Therefore, as re-use of data at EU level is not an obligation from the Directive, it will be proposed to the eMS group to wait until completion of the mandatory requirements.

5. NSW guidelines

A first part of the document had been reviewed at the previous meeting of the sub-group. The review of comments received from MS authorities and industry representatives continued where the previous meeting stopped (chapter 5.3). The sub-group completed the revision of all remaining chapters (apart from chapter 7.1 – the ship clearance).

The sub-group agreed to remove all references to the clearance decision, as it is out of scope of the Directive 2010/65/EU, but agreed to keep as an optional feature the “acknowledgment” message which provides information regarding decisions made by relevant authorities to the ship representatives.

Additional comments which had been received in the first part of the document after the last meeting of the sub-group were not reviewed.

Chapters 8 to 10 (functional requirements, non-functional requirements and technical requirements) remain to be drafted.

WSC considered that the content of the NSW guidelines was not sufficient and would not represent a significant benefit to the shipping industry. WSC advised that it would reserve any agreement on the document.

6. Meeting conclusions

The finalisation of the NSW guidelines will continue by correspondence. COM will assess if a fourth meeting of the subgroup is needed before the next eMS plenary meeting.

Annexes

Annex – Meeting Agenda

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Time	Topic	Speaker
09:30	Registration	
10:00	Welcome – Introductory remarks and meeting objectives	DG MOVE
10:15	Data mapping – presentation of work by group of member states	Germany
11:00	Data Mapping - business rules, technical definitions, data structure	EMSA / ALL
12:30	Lunch break	
14:00	Status of work on electronic cargo manifest (for information)	DG TAXUD
14:30	Re-use of data at EU level	EMSA /ALL
15:30	Coffee break	
15:45	NSW Guidelines	EMSA /ALL
17:45	Conclusions / next steps	DG MOVE / EMSA
18:00	End of meeting	