

SafeSeaNet Workshop 21

HAZMAT Working Group Progress Report

Agenda item 21.4.2

Charles Abela

Senior Project Officer for Reporting Formalities - Vessel Traffic and Reporting Services

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Background

HLSG and SSN Group agreed to establish a hazmat working group (HWG)

- **Objective**

- to develop and propose measures for improving the reporting of dangerous and polluting goods (HAZMAT) in SSN

- **Deliverables**

- Guidelines on reporting HAZMAT in SafeSeaNet; and
- Requirements for the development and maintenance of a common HAZMAT Reference Database (CHRD)

- **Participation**

- 14 member states
- 3 industry associations

Guidelines on reporting Hazmat

Scope

Guidelines address the reporting of HAZMAT to the SafeSeaNet system

Guidelines will cover three levels:

- Industry to the National Single Window,
- National single window to the National SSN system, and
- National SSN system to the central SSN system

Correct information can only be guaranteed if the source information is correct

Practical way of building awareness among stakeholders

Topics

1. Introduction
2. Legal background
3. Benefits of accurate Hazmat reporting
4. Content of Hazmat Notifications to SafeSeaNet
5. Guidance on reporting specific data elements
6. Specific operational matters on reporting HAZMAT
7. Validation of HAZMAT notifications
8. Reporting information on HAZMAT incidents
9. Building HAZMAT expertise
10. Use of HAZMAT Databases

Common HAZMAT Reference Database (CHRD)

Main requirements

Users

1. Reporting parties (ship masters, agents, and operators and manufacturers/shippers) submitting HAZMAT information
2. Member State authorities (SSN NCAs, single window, port, maritime, search and rescue, port state control) receiving and processing HAZMAT information
3. Emergency services to provide an effective response to maritime incidents
4. EMSA services to validate the quality of the information exchanged

Functional Uses

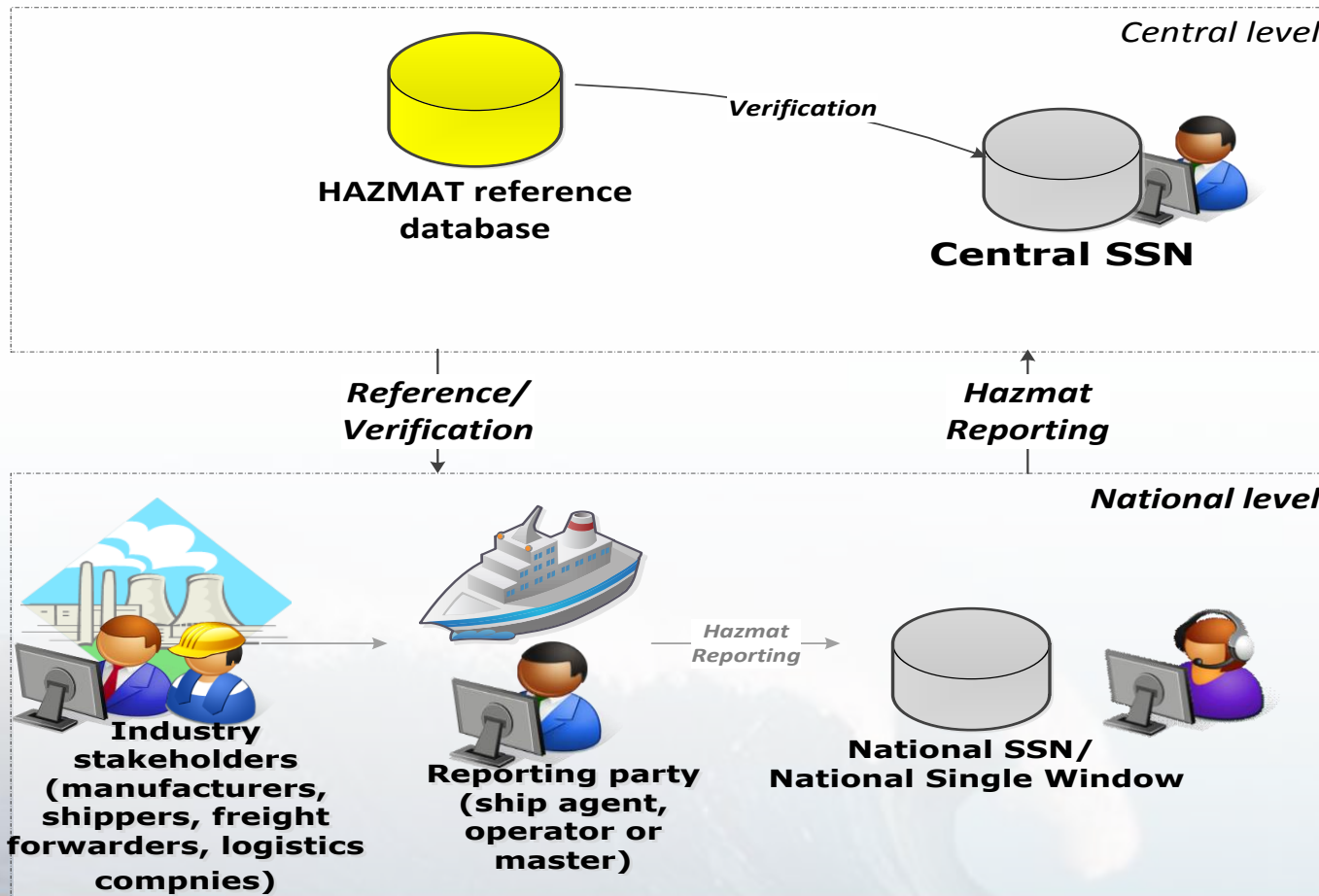
1. As a reference:

- Reporting parties – to search for the correct HAZMAT details using specific identifiers (e.g. type of carriage, technical name, UN Number, IMO class)
- Reporting parties – to reduces administrative burden when completing an electronic notification (data can automatically be retrieved from the database)
- Competent authorities and EMSA - to download information necessary for an effectively response to maritime casualties involving ships with HAZMAT

2. For verification:

- Competent authorities and EMSA services - cross-check and validate the correctness of the HAZMAT data

Data flow



Content of the database

- A comprehensive list of all the dangerous and polluting goods that have to be notified in accordance with Directive 2002/59/EC, as amended
- The relevant parts of the IMO Codes and Conventions – as identified in the Guidelines
- A link to the MAR-CIS database
- Other data elements identified by stakeholders
- Use of the English language

Hosting

- **Central Level – EMSA**

- IFCD 5.2.3: Databases may be developed and managed centrally by EMSA in order to harmonise the data and to avoid inconsistencies that may occur as a result of using too many different databases. These central databases should be agreed by the SSN group, and should be made available to all users to improve the quality of the information in the system

- **National Level – copy of the central database**

- NCA SSN
- NSW

Access

- **EMSA web page**

- Unrestricted access – although prior registration may be required
- Mainly use CHRD as a reference

- **SSN web interface**

- Restricted access – password protected for pre-determined users (SSN community)
- Access to database and downloadable format for installation in a local network

- **System-to-system interface**

- Allows easy communication between central, national and local systems
- Requires technical development by both EMSA and Users

Development Phases

- **First Phase**

- Web services at central level
- Integration of the database in NSW and competent authorities systems

- **Second Phase**

- System-to-System

This has the advantage that the Member States and industry can benefit from an earlier implementation of the CHRD.

Action Required

- Note the progress achieved by the HAZMAT Working Group,
- Provide comments on the draft Guidelines on reporting HAZMAT in SSN, and
- Validate the Requirements for a CHRD, including the proposed two-phase approach