

HAZMAT Working Group

HAZMAT reference database requirements

1st coordination meeting

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Unit C.2 - Vessel Traffic and Reporting Services

Lisbon | 25 February 2014

Agenda

- Objectives
- Users
- Functional Uses
- Data Flows

Objective

- Background
 - SSN Workshop 19 and HLSG 9 agreed that the HAZMAT WG drafts requirements for the development and maintenance of a central HAZMAT Reference Database for HAZMAT that has to be notified in accordance with Directive 2002/59/EC, as amended.
- Objectives of the HAZMAT reference database:
 - improve the data quality of HAZMAT notifications
 - minimise the administrative burden for the reporting party
 - support the MSs emergency response services to provide effective response to maritime incidents.

Users of the Databases

1. Reporting parties (ship masters, agents, and operators and manufacturers/shippers) responsible for the completeness and accuracy of the information transmitted to the national single windows
2. Member State authorities (SSN NCAs, single window, port, maritime, search and rescue, port state control) responsible for receiving, validating and processing HAZMAT information transmitted by the data providers
3. Emergency services responsible for providing effective response to maritime incidents to prevent loss of life, damage to property and prevention of pollution
4. EMSA services responsible for validating the quality of the information exchanged between MS through SSN

Functional Uses

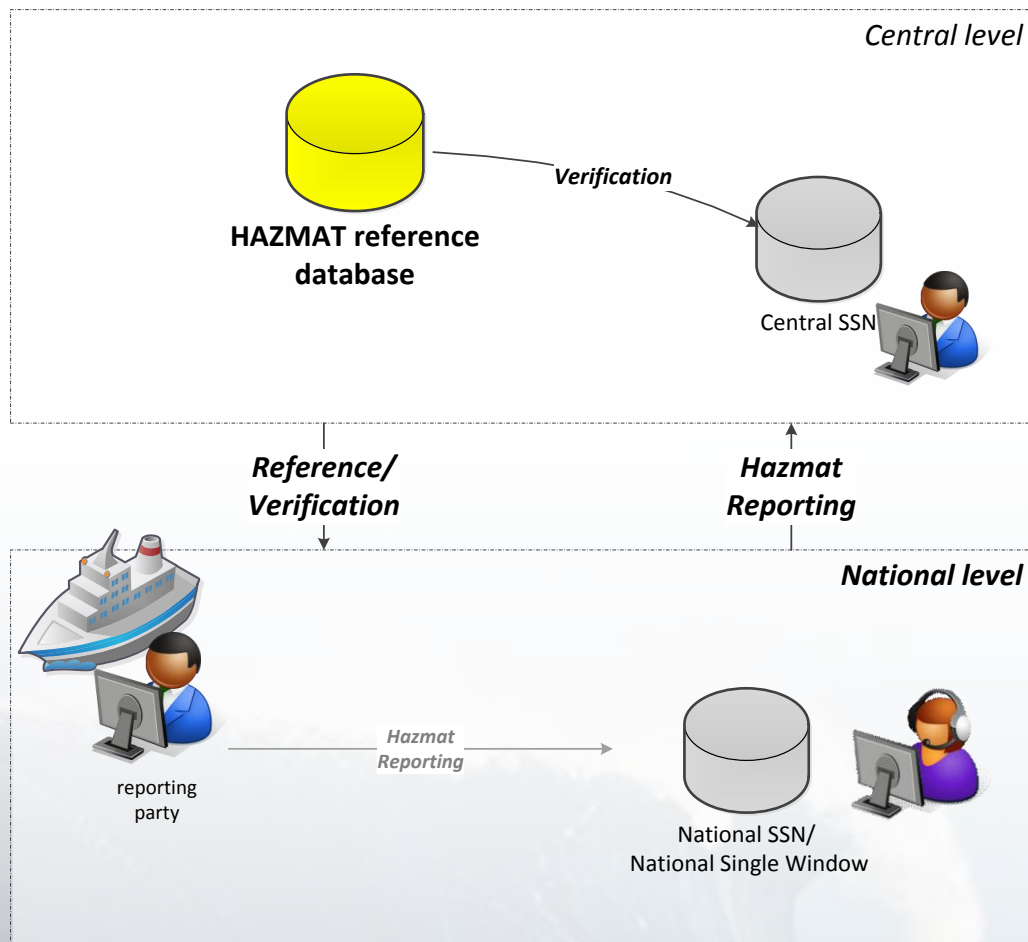
1. As a reference:

- Allows reporting parties to easily search for the correct HAZMAT details using specific identifiers – type of carriage, technical name, UN Number, IMO class.
- Reduces the administrative burden of reporting parties when completing an electronic notification if data required by the Directive can automatically be retrieved from the database.
- Competent authorities and EMSA services can download information which is necessary to respond effectively to maritime casualties involving ships carrying HAZMAT.

2. For verification:

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

Data Flows



Example: Use in the NSW/National SSN

- Presentation of an example on how Hazmat data could be automatically filled in a reporting form once a single identifier of the cargo is provided e.g. UN number or the technical name
- This is an example in respect of IMDG goods and it is provided by the Polish Maritime Administration (Gdynia Maritime Office)

PHICS
Polish Harbours Information & Control System

Logged user:
agent-IRM (xx xx)
Logout Change password

☐ HOME
☐ Dangerous goods
☐ PSC Notice
☐ PRE-ARRIVAL
☐ IMO FAL
☐ Registration
☐ For acceptance
☐ Accepted
☐ Seafaring Messages
☐ Ships

umfal.dangerous.details.form.name

Maritime Office	GUM - Urząd Morski w Gdyni
Type of declaration	Arrival declaration
Port of arrival/departure	PLGDY - Gdynia
ETD/ETA	2013-08-30 11:00
Name of the ship	PT_TEST
Flag of the ship	PL - Poland
IMO number of the ship	9999999

Details of Dangerous Goods Manifest (IMO FAL Form 7)

Date of document issue	Jan 23, 2014
Place of document issue	test
Voyage number	
Ship position at the moment of re	
Port of loading	
Port of Discharge	
Financial security certificate	
INF class	
Additional information	
Author of document	
Date and time of the last modifica	

Dangerous goods list

Find		in	UN number	
No.	UN number	Proper shipping name	Package	Class
Page				

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polski english

Specific
identifier
is used

PHICS
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Logged user: []

- HOME
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- IMO FAL
 - Registration
 - For acceptance
 - Accepted
- Seafaring Messages
- Ships

Adding of d

Booking number

Marks and number

Number and type of packages

UN number *

Proper shipping name *

Class *

Find [] in []

No.	UN Number	Proper Shipping Name	P.S.N. Class	Class	Marine Pollutant
1	0004	AMMONIUM PICRATE dry or wetted with 10% water, by mass	1.1D	Not a Marine Pollutant	
2		PICRATE dry or wetted with 10% water, by mass	1.1D	Not a Marine Pollutant	
3	0005	CHARGES FOR WEAPONS with bursting charge	1.1F	Not a Marine Pollutant	
4	0006	CHARGES FOR WEAPONS with bursting charge	1.1F	Not a Marine Pollutant	
9	0015	AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge	1.2G	Not a Marine Pollutant	
10	0016	AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge	1.3G	Not a Marine Pollutant	









Position on board * N/A

Submit Cancel

* Field required

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Reporting party upon typing a UN number will have all static data prefilled


Dangerous Goods Dictionary						
6	0010	AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge	1.3G	Not a Marine Pollutant		
7	0012	CARTRIDGES FOR WEAPONS, INERT PROJECTILE or CARTRIDGES, SMALL ARMS	1.4S	Not a Marine Pollutant		
8	0014	CARTRIDGES FOR WEAPONS, BLANK or CARTRIDGES, SMALL ARMS, BLANK	1.4S	Not a Marine Pollutant		
9	0015	AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge	1.2G	Not a Marine Pollutant		
10	0016	AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge	1.3G	Not a Marine Pollutant		
11	0018	AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge	1.2G	Not a Marine Pollutant		
12	0019	AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge	1.3G	Not a Marine Pollutant		
13	0020	AMMUNITION, TOXIC with burster, expelling charge or propelling charge	1.2K	Not a Marine Pollutant		
14	0021	AMMUNITION, TOXIC with burster, expelling charge or propelling charge	1.3K	Not a Marine Pollutant		
15	0027	BLACK POWDER (GUNPOWDER) granular, or as a meal	1.1D	Not a Marine Pollutant		
Page 1 2 3 4 5 6 of 186						   
						
<input type="button" value="Choose"/>						


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Logged user:
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Logoff Change password

- ☐ HOME
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- ☐ IMO FAL
 - ☐ Registration
 - ☐ For acceptance
 - ☐ Accepted
- ☐ Seafaring Messages
- ☐ Ships

Adding of dangerous good

Booking number	test
Marks and numbers	test
Number and type of package	test
UN number *	0007 
Proper shipping name *	CARTRIDGES FOR WEAPONS with bursting charge
Class *	1.2F
Packing Group *	N/A
Subsidiary risks *	N/A
Flashpoint *	N/A
Marine pollutant *	Not a Marine Pollutant ▼
Weight (gross/net) *	
EmS *	F-B, S-X
Position on board *	N/A



The static data is used to pre-fill the notification

The reporting party only has to fill the other data

* Field required

The end