

# 6<sup>th</sup> SSN LRIT Group Meeting

## Central HAZMAT Database (CHD)

### new developments

Agenda item 6.3.6

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Lisbon / 31 October 2019

## Objectives

- The Hazmat Working Group was established with the aim to improve the quality of DPG information reported in SSN.
  - Guidelines on Reporting Hazmat in SSN
  - The Central Hazmat Database (CHD)
  - E-Learning module
- The CHD can serve as a reference and verification tool to support the HAZMAT reporting process;
- Reduce the administrative burden for reporting parties if a copy of the CHD is downloaded and integrated into the NSW;
- Support MSs when responding to maritime incidents

## Contents

- Lists of dangerous and polluting goods from applicable IMO Codes and Conventions (IMDG, IMSBC, IBC, IGC, MARPOL Annex I)
- Data which has to be notified in accordance with Directive 2002/59/EC, as amended, and IMO FAL 7
- For some substances, a link to MAR-CIS datasheets of chemical substances with information on hazards and risks





## Revision and updates of Codes and Conventions

- The IMSBC & IMDG Code are revised every two years, and have a transitional period of one year.
- The lists of dangerous goods in the other legal instruments (IBC, IGC and MARPOL Annex 1) are updated as the need arises and therefore do not have a fixed cycle for revision, but can be updated at any time.
- Before the new version of a Code or Convention becomes mandatory, there is a transitional period of time when the new version of the code may be applied voluntarily.
- The CHD currently provides only the mandatory versions of the applicable Codes and Conventions.

# Central Hazmat Database (CHD)

## New Developments

At the 3<sup>rd</sup> SSN/LRIT Group Meeting a paper from **Belgium** proposed a number of improvements to the SSN Central Hazmat Database (CHD).

It was agreed the CHD should be updated to include the **voluntary**, as well as the **mandatory** versions of the IMDG Code and IMSBC Codes, and other relevant IMO Codes and Conventions as necessary.

# Central Hazmat Database (CHD)

## New Functionalities

- Search and view mandatory and voluntary versions.
- Compare and highlight differences.
- Export mandatory and voluntary versions in XLSX, CSV and PDF format.

The new functions will become available in the next release of the CHD application in November 2019.

The functions will also be available system-2-system.



# Central Hazmat Database (CHD)

**EMSA HAZMAT** Central Hazmat Database

Welcome **CHDMARCIS Tester**

Home Portals Logout

SEARCH ABOUT MANAGE VERSIONS HISTORY OF CHANGES STATISTICS TOOLTIPS

CHD\_IMSBC\_Marpol Annex 1\_20191011\_28

IMDG Working

**General search** **Step-by-step search**

benzene 1

Mode of carriage Type of product Type of liquid Textual reference

**Search Results** 2

Create new + Export list (0/500) Export Filter Manage columns

All Mandatory Voluntary


DG classification	Textual reference	Mode of Carriage	Type of Product carried in bulk	Type of liquid	IMO hazard class	UN number	Additional Information	Mandatory Voluntary
<input type="checkbox"/> IMDG	1,3,5-TRIMETHYLBENZENE	Packaged			3	2325	Colourless liquid. Flashpoint: 44° C c.c. Immiscibl...	<input checked="" type="checkbox"/> M <input checked="" type="checkbox"/>
<input type="checkbox"/> IMDG	1,3,5-TRIMETHYLBENZENE	Packaged			3	2325	Colourless liquid. Flashpoint: 44° C c.c. Immiscibl...	<input type="checkbox"/> V <input checked="" type="checkbox"/>

79 results found (1 - 50)




50 1 2

3

# Central Hazmat Database (CHD)





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SEARCH ABOUT MANAGE VERSIONS HISTORY OF CHANGES STATISTICS TOOLTIPS

CHD\_IMSBC\_Marpol Annex 1\_20191011\_28

1,3,5-TRIMETHYLBENZENE Product details 

Back 

MANDATORY

HazmatID: IMDG\_2325\_10661

DG classification: IMDG

Textual reference: 1,3,5-TRIMETHYLBENZENE

Mode of Carriage: Packaged

Type of Product carried in bulk:

Type of liquid:

IMO hazard class: 3 - Flammable liquids

UN number: 2325

Packing group: 4

III - Substances presenting low danger

Subsidiary risks:

Flashpoint:

Marine Pollutant: P - Marine pollutant

Pollution category:

EmS: F-E - Non-water reactive flammable liquids  
S-D - Flammable liquids

VOLUNTARY

HazmatID: IMDG\_2325\_10661

DG classification: IMDG

Textual reference: 1,3,5-TRIMETHYLBENZENE

Mode of Carriage: Packaged

Type of Product carried in bulk:

Type of liquid:

IMO hazard class: 3 - Flammable liquids

UN number: 2325

Packing group: TEST

III - Substances presenting low danger

Subsidiary risks:

Flashpoint:

Marine Pollutant: P - Marine pollutant

Pollution category:

EmS: F-E - Non-water reactive flammable liquids  
S-D - Flammable liquids



# Central Hazmat Database (CHD)

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SEARCH ABOUT MANAGE VERSIONS HISTORY OF CHANGES STATISTICS TOOLTIPS

IMDG Working

General search **benzene**

Step-by-step search

Mode of carriage Type of product Textual reference

5

Export list (0/500) Export Filter Manage columns

All Mandatory Voluntary

DG classification	Textual reference	Mode of Carriage	Type of Product carried in bulk	Type of liquid	IMO hazard class	UN number	Additional Information	Mandatory Voluntary
IMDG	1,3,5-TRIMETHYLBENZENE	Packaged			3	2325	Colourless liquid. Flashpoint: 44° C c.c. Immiscibl...	M
IMDG	1,3,5-TRIMETHYLBENZENE	Packaged			3	2325	Colourless liquid. Flashpoint: 44° C c.c. Immiscibl...	V

79 results found (1 - 50)

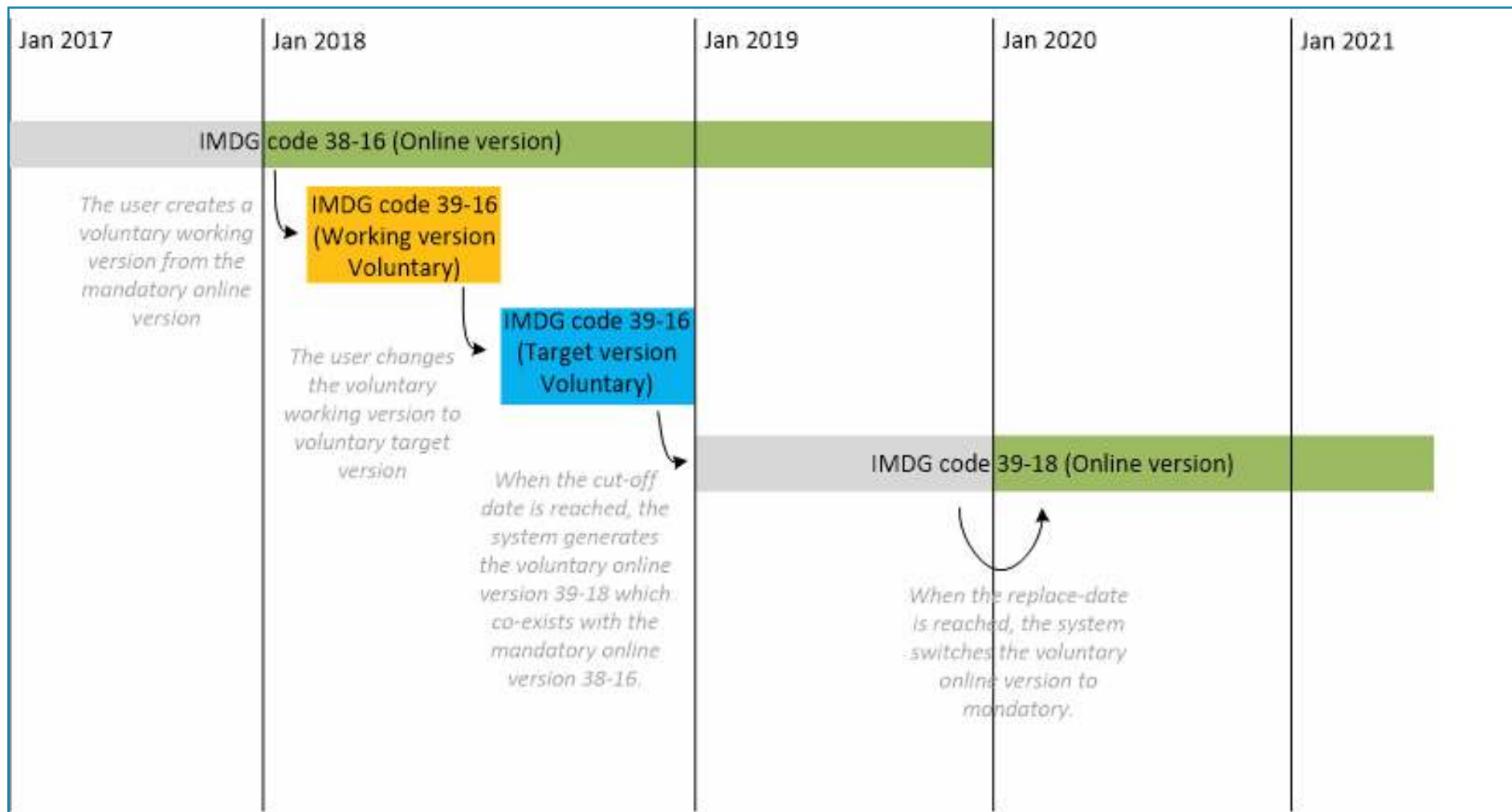
## Proposed Functionalities

- Version timeline screen

A diagram for users to visualise the IMO Code version editions in a timeline structure.

Available in 2020

# Central Hazmat Database (CHD)



## Timeline for future amendments: IMSBC Code

The 101<sup>st</sup> session of the MSC (05-14 June 2019) adopted amendments to the **IMSBC Code** to enter into force on 1 January 2021, applied on a voluntary basis from 1 January 2020.

From **1 January 2020** the CHD will be updated to include the **voluntary version of the IMSBC Code**, which will become mandatory on 1 January 2021

## Timeline for future amendments: IMDG Code

The Sixth Session of the IMO Sub-Committee on the Carriage of Cargoes and Containers (CCC 6) (09-13 September 2019) approved editorial corrections to the **IMDG Code amendment 39-18**, adopted by resolution MSC.442(99) enter into force (becomes mandatory) on 1 January 2020.

From **1 January 2020** the CHD will be updated to include **mandatory version of the IMDG Code 39-18 with approved editorial corrections.**



## Timeline for future amendments: IBC Code

The 101<sup>st</sup> session of the MSC (05-14 June 2019) adopted amendments to the **IBC Code** to enter into force on 1 January 2021.

From 1 January 2021 the CHD will be updated to include the amendments to the **IBC Code**

# Central Hazmat Database (CHD)

## IBC Code & Tripartite Agreements

When the CHD was developed it was decided to start with the dangerous goods mentioned in the IMO Codes and Conventions and not in the **tripartite agreements**.

Dangerous goods subject to tripartite agreements have to be reported in SSN as required by the VTMIS Directive and described in the HAZMAT Reporting Guidelines.

It should be assessed if the CHD be extended to cover dangerous goods mentioned in **tripartite agreements** i.e. MEPC Circular (MEPC.2/Circ.24) “Provisional categorization of liquid substances in accordance with MARPOL Annex II and the IBC code”.

This MEPC Circular is updated on a yearly basis in December.



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