

HAZMAT Working Group

HAZMAT reference database requirements

1st coordination meeting

1

Unit C.2 - Vessel Traffic and Reporting Services

Lisbon | 25 February 2014

Agenda

- Content
- Hosting
- Access: Interfaces
- Updates and Maintenance
- Performance standards

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 – or may be integrated as one database.
- other data elements identified by stakeholders.
- Use of the English language.

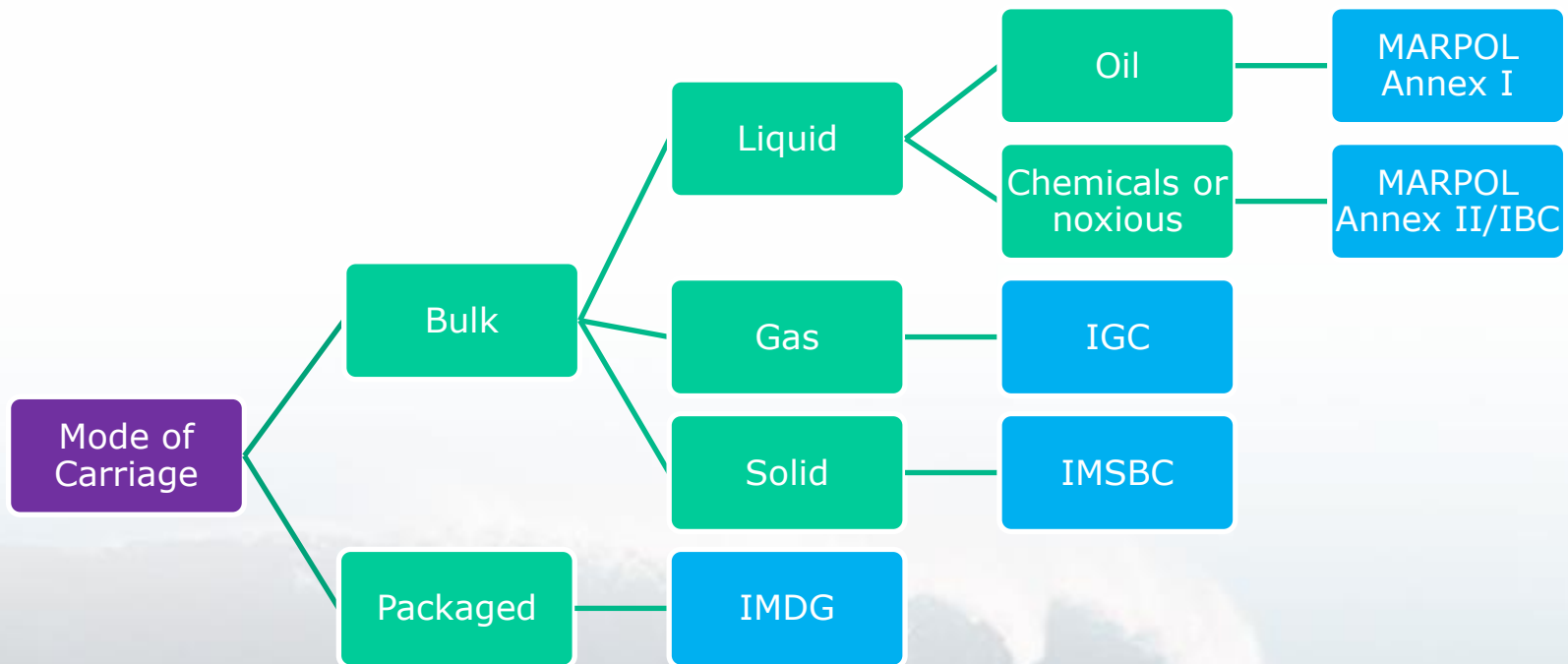
Content

Minimum Data Set	
1.	DG classification
2.	Textual reference
3.	IMO hazard class
4.	UN number
5.	Packing group
6.	Subsidiary risks
7.	Flashpoint
8.	MARPOL pollution code
9.	EmS

Other possible content: stowage and segregation, limited quantities, placards, properties and observations

Content

- Retrieving information from the database will be based on the concepts discussed for the Guidelines



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
- Local level

Access

- **EMSA web page**

- Unrestricted access – although prior registration may be required
- Access to database and downloadable file (e.g. pdf)

- **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
- May include additional functionalities

- **System-to-system interface**

Interfaces

- **EMSA Web Page Access**

- Easy access and no developments required by users
- Data always available in its updated format
- Cannot be used to pre-fill notifications
- Mainly used as a reference
- Limited use for verification purposes

Interfaces

- **SSN Web Interface – Downloadable file**

- Easy access but need to agree on file format and access rights procedures
- Can be installed in:
 - NSW systems to allow pre-filling of notifications
 - authorities systems to allow easy validation of data
- Limited technical developments required by users
- Will include link to MAR-CIS data
- May include added functionalities identified by users
- Updates have to be notified and installed separately

Interfaces

- **System-to-system**
 - Need to agree on message structures
 - Technical developments are required by both EMSA and users of this service
 - Easy communication between central, national and local systems
 - Whole database can be requested and installed in:
 - NSW systems to allow pre-filling of notifications
 - authorities systems to allow easy validation of data
 - Easy to update since amendments can be pushed directly from central system to national and local systems

Maintenance of the Database

- The central database would have to be updated as soon as there are changes to the relevant IMO Codes and Conventions.
- Updates will be notified to member states and reporting parties depending on the agreed systems and interfaces.

Performance Standards

Recommended to maintain same standards as established in the IFCD:

- Database shall be available:
 - twenty-four hours a day, seven days a week.
 - at a minimum of 99% over a period of one year, with the maximum permissible period of interruption being 12 hours.

Development Phases

- **First Phase**
 - Web services at central level
 - Integration of the database in NSW and competent authorities systems
- **Second Phase**
 - System-to-System (if required by users)

The end