

Edifact:

Harmonization of DGS-group

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Le Havre

SMDG Working Group BAPLIE version3

- Revised BAPLIE accommodating recent requirements of maritime community
- Allow for changes in message's structure
- Design Goals:
 - Transmission of information in coded form
 - Use dedicated segments rather than FTX
 - Independency from slow directory maintenance process for codes (SMDG-maintained code lists)

BAPLIE-3 message structure

Header

LOC (99999) - stowage position

...

EQD (9) – equipment

...

DGS (999) – dangerous goods item

ATT

MEA

FTX

CTA (9) - Contact information

COM

DGS Group (999) – Identify Hazards

- DGS (1) – IMDG identification (as far as possible)
- ATT (9) – more IMDG identification
 - Aggregate state, marine pollutant, proper shipping name, limited/excepted quantity, segregation group, UNDG number extended information (EXIS)
- MEA (9) – Quantitative identification
 - Net (explosive) weight, radioactivity info, etc.
- FTX (9) – Additional information
 - **Former use moved to ATT segment!**
- CTA group (9) - Emergency contact(s)

ATT Defintion in Directory

Function: To identify a specific attribute.

010	9017	ATTRIBUTE FUNCTION CODE QUALIFIER	M	1	an..3
020	C955	ATTRIBUTE TYPE	C	1	
	9021	Attribute type description code	C		an..17
	1131	Code list identification code	C		an..17
	3055	Code list responsible agency code	C		an..3
	9020	Attribute type description	C		an..70
030	C956	ATTRIBUTE DETAIL	C	5	
	9019	Attribute description code	C		an..17
	1131	Code list identification code	C		an..17
	3055	Code list responsible agency code	C		an..3
	9018	Attribute description	C		an..256

ATT Segment Usage in BAPLIE-3

- 9017 – Attribute function code qualifier
 - New [dictionary code](#) for „extended hazard description“
- C955 – Attribute type
 - 9021: qualifying type of attribute according to [SMDG/PROTECT-maintained code list](#)
- C956 – Attribute detail
 - 9019: specifying the attribute in coded form codes from [SMDG/PROTECT-maintained code list](#)

Code List: Attribute Types

SMDG DG Attribute Types List

ATT 9021

DE 1131 = DGATT

Tag	Name	Description
AGR	Aggregate State	Aggregate state of a hazardous substance
PSN	Proper Shipping Name	Proper shipping name as defined by IMDG Code
HAZ	Special Hazard	Identification of a special hazard
QTY	Special Quantity	Transported quantity causing special regulations of IMDG Code being applied
SEG	Segregation Group	Segregation group as defined by IMDG Code
UNX	UN-number extended information	Code as generated by Exis Ltd.

Code Lists: Attribute Details

SMDG DG Aggregate State Codes List

ATT 9019

DE 1131 = DGAGR

Tag	Name	Description
G	Gas	
L	Liquid	
S	Solid	
XA	Explosive article	
XS	Explosive substance	

SMDG DG Special Hazard Codes List

ATT 9019

DE 1131 = DGHAT

Tag	Name	Description
P	Marine Pollutant	

SMDG DG Special Quantity Codes List

ATT 9019

DE 1131 = DGQTY

Attribute details of type PSN are transmitted in 9018

Attribute details of type SEG are transmitted in 9019 (numerical code) and optionally 9018 (segregation group name)

In both case CLRA is IMO, code list identification is „IMDG code“

DGS Group in IFTDGN

- DGS group in IFTDGN is part of GID group within a consignment specification
- Additional identifying stowage location(s) where a DG item is found on board may be added to BAPLIE's DG group (LOC segment / SGP group)
- Additional RFF segment for specification of approval document(s) may be added too

BAPLIE DGS Group Summary

- Allows comprehensive identification of a hazard according to IMDG code
- Due to use of community supplied code lists message implementation guidelines (MIG) can easily be adjusted for new amendments of IMDG Code or other hazardous goods regulations
- Stowage and segregation requirements resulting from IMDG regulations are not subject of DGS group. They belong to the container's EQD group.

Status of BAPLIE-3

- Message structure accepted by SMDG plenum and submitted for directory D.13A (decision April 15/19 2013, Geneva)
- MIG to be presented at SMDG plenum April 23/24 2013, Marseille
- Approach to more flexibility (independence of directory maintenance processes) discussed in **UN/CEFACT Transport&Logistics working group**

UN/CEFACT Transport&Logistics working group

- All Edifact messages shall comply with UN/CEFACT standard directories.
- Purpose of directory maintenance process is to ensure *harmonization of directory content among all Edifact user communities* in trade, transport (modes), etc.
- It is acknowledged that this harmonization process cannot always take place in the time frame required by user communities.

UN/CEFACT Transport&Logistics working group

- *Compromise* in light of community's needs:
- Use of **community-supplied code lists** is acceptable, even if dictionary already supports a code list for data element
- Use of dedicated segments like ATT or HAN in place of FTX is encouraged

Final Message

- SMDG would appreciate harmonization of DGS group in their messages with PROTECT's messages.
- For further information and support you may contact: Jost.Mueller@MplusB.de