

# IFTDGN

## **CORRIGENDUM 2015-04**

Subject: Implementation Guideline PROTECT2.0 - PART II - IFTDGN2.0 - March 17, 2005.

The following 2 (two) Change Requests (CR's) were approved by the members of the PROTECT Group during the meetings of 28-29 January 2015 and 26 March 2015:

#### **CR-01:** Notification of packaged dangerous goods and also liquid and solid bulk cargo

In the course of the implementation of directive 2010/65 it has to be noted that there will be a requirement to receive electronic notifications not only for dangerous goods in packaged form but as well for solid and liquid bulk cargo. The present version of IFTDGN however has been designed for dangerous goods in packed form and is not really appropriate for bulk cargoes. In segment "DGS" Data Element 8273 the only international Code referred to is the IMDG Code, which in fact is applicable to dangerous goods in packaged form only.

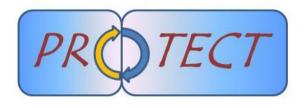
Oil tankers carrying crude oil or mineral oil products are subject to MARPOL Annex I. The cargo has to be described by a technical name as listed in Appendix 1 to Annex I. There is no hazard class and no UN Number assigned to MARPOL I cargoes.

Chemical tankers are subject to MARPOL Annex II and to the IBC Code. The cargoes are listed in chapters 17 and 18 of this Code by their technical names and are assigned to the pollution categories X, Y, Z or OS as appropriate. There are no hazard classes as per IMDG Code and no UN Numbers assigned. For cargo of category Y, it is required to know whether it is high viscous or not, as this determines the requirements for prewash operations in port.

Gas tankers are subject to the IGC Code. Cargoes suitable for transport in gas tankers are listed in chapter 19 of this Code by their technical names. The UN Numbers are also assigned. There is no hazard class mentioned, however as only liquefied gases are concerned, a unique hazard class "2" might be used for cargoes carried under the IGC Code.

Solid bulk cargoes are subject to the IMSBC Code and are listed in this Code in individual schedules. Solid bulk cargoes are grouped into the groups A, B and C: Group A cargoes are dangerous because these cargoes are liable to liquefaction, group B cargoes have chemical hazards, group C cargoes are considered as non-hazardous. Some of the cargoes in group B have assigned hazard classes and UN Numbers, same as in the IMDG Code. Other cargoes which are hazardous only when they are transported in bulk, have no UN Number assigned and are carried under the classification "MHB" (material hazardous only in bulk).

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To enable the correct notification of all these various bulk cargoes, the IFTDGN message should allow notifications not only as per IMDG Code. In addition the following regulations should also be accepted as basis for notification:

- MARPOL Annex I
- IBC Code
- IGC Code
- IMSBC Code

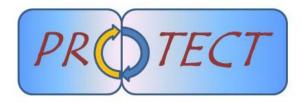
The business rules in the DGS segment should describe the details of notifying the pollution categories according to the IBC Code and the "MHB" classification according to the IMSBC Code.

#### Proposed Amendments to IFTDGN 2.0 (part 1)

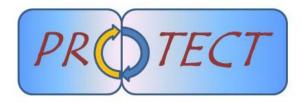
Segment:	DGS
Position:	0490 (trigger segment)
Group:	SG7-SG12-SG14
Level:	3
Usage:	mandatory
Max Use	1

Necessary amendments beginning from data element 8273 and ending with component element 8246

Data Element	Component	Data Element Summary				
Element	Element					
8273		DANGEROUS GOODS REGULATIONS CODE				
		Code specifying a dangerous goods regulation				
		GOODS HAZARD REGULATION CODED				
		IMD International Maritime Dangerous Goods Code (IMDG Code)				
		IMS International Maritime Solid Bulk Cargoes Code (MSBC Code)				
		MAR MARPOL Annex I (for mineral oil tankers only)				
		IBC International Bulk Chemicals Code (IBC Code)				
		IGC International Gas Carrier Code (IGC Code)				
		ADN European Agreement concerning the International Carriage of				
		Dangerous Goods by Inland Waterways (ADN Code)				
C205		HAZARD CODE				
		The identification of the dangerous goods in code				
	8351	Hazard identification code				
		Code identifying a hazard				
		Business Rules:				
		for IMD: hazard class as assigned by IMDG Code				
		for IMS: numeric hazard class or "MHB" for Group B cargo				
		"NONE" for Group A or Group C cargo				
		for MAR: "NONE"				
		for IBC: "NONE"				
		for IGC: "2", "2.1", "2.2" or "2.3"				
		······································				



	8078	Additional hazard classification identifier				
		To identify an additional hazard classification				
		Business Rules:				
		for IBC: "X", "Y", "Z" or "OS" as appropriate				
		for IMS: "GroupA" or "GroupC" as appropriate				
	8092	Hazard code version identifier				
	0001	To identify the version number of a hazard code.				
		GOODS HAZARD REGULATIONS AMENDED NUMBER				
C234						
0234		Information on dangerous goods, taken from the United Nations				
	7404	dangerous goods classification				
	7124	United Nations Dangerous Goods (UNDG) Identifier				
		The unique serial number assigned within the United Nations to				
		substances and articles contained in a list of the dangerous goods most				
		commonly carried in packaged form				
		Business Rules:				
		for IMD: as assigned by IMDG Code				
		for IMS: when assigned by IMSBC Code, otherwise "0000"				
		for MAR: "0000"				
		for IBC: "0000"				
		for IGC: as assigned by IGC Code				
		for ADN: as assigned by ADN Code				
	7088	Dangerous goods flashpoint description				
	,000	To describe the flahspoint of dangerous goods.				
		Business Rules:				
		Required for IBC and MAR bulk cargo.				
		GOODS HAZARD FLASHPOINT RANGE:				
		GOODS HAZARD FLASHPOINT RANGE.				
		NF - not flammable				
		GT60CEL - flashpoint greater than 60 degrees Celsius				
		LE60CEL - flashpoint less or equal than 60 degrees Celsius				
C223		DANGEROUS GOODS SHIPMENT FLASHPOINT				
		Business rules:				
		Required for IMD cargo				
		- when hazard class (component 8351) is "3", or				
		- when subsidiary risk (component 8246) is "3"				
		Required for IBC and MAR cargo				
		- when flashpoint range (component 7088) is "LE60CEL"				
<u> </u>	7106	Shipment flashpoint degree				
	1100	To specify the value of the flashpoint of a shipment				
		GOODS HAZARD FLASHPOINT O				



	6411	Measurement unit code
		Code specifying the unit of measurement.
		GOODS HAZARD FLASHPOINT UNIT C CEL Degree Celsius
C236		<b>DANGEROUS GOODS LABEL</b> Markings identifying the type of hazardous goods and similar information.
	8246	<b>Dangerous goods marking identifier</b> To identify the marking of dangerous goods. GOODS HAZARD REGULATIONS SUBSIDIARY RISK
	8246	for IMD: subsidiary risk according to IMDG Code
	8246	

#### Proposed Amendments to IFTDGN 2.0 (part 2)

Segment:	FTX
Position:	0500
Group:	SG7-SG12-SG14
Level:	4
Usage:	optional
Max Use	1

Necessary amendments beginning from data element 4451 and ending with component element 4441

Data Element	Component Element	Data Element Summary				
4451		TEXT SUBJECT QUALIFIER				
		Code qualifying the subject of the text				
		AAC Dangerous goods additional information				
4453		TEXT FUNCTION, CODED				
		Code specifying the function of free text.				
C107		TEXT REFERENCE				
		Coded reference to a standard text and its source.				
	4441	Free text identification				
		Code specifying free form text				
		GOODS ADDITIONAL HAZARD INDICATOR				
		A Additional Information				
		F Fumigation Information				
		HE Harmful to the marine environment (only for solid bulk cargo)				
		HV highly viscous (only for category Y liquid bulk)				
		P Marine pollutant (only for packaged dangerous goods)				
		R Radioactive Information				

Remark: "PP – severe marine pollutant does no longer exist in the IMDG Code



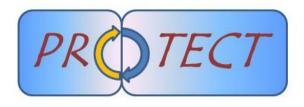
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### **CR-02:** Transport License for Remain On Board notification of Dangerous Goods.

Considering that the Transport Licenses are linked to dangerous goods and not to a specific means of transport the implementation guideline of IFTDGN must allow for the transmission of Transport License details for Remains On Board (ROB) cargo on consignment level. In order to allow for this it was agreed to allow an extra value '20' (Main Carriage Transport) in data element 8051 (Transport Stage Code Qualifier) in the TDT-segment of segment group 8.

Dangerous Goods Notification message

						.0000
Se	gment:	TDT Transpo	rt Information			
P	osition:	0300 (Trigger Segr	nent)			
	Group:	SG7-SG8				
	Level:	2				
	Usage:	Mandatory				
M	ax Use:	1				
P	urpose:	carriage) or the dep	ate the transport information parture (on - carriage) of the ed: - Pre-carriage - On-c	consignn		
Dependenc	y Notes:		2	-		
Data Co	omponent		Element Summary	Ва	se	User
		Name		Attr	ibutes	Attributes
8051			E CODE QUALIFIER	M	1 an3	
		Code qualifying a sp	ecific stage of transport.			
			Pre-carriage transport			
			Transport by which the goo carriage transport.	ods are mo	oved prior	r to their main
		30	On-carriage transport			
			Transport by which the goo carriage transport.	ods are mo	oved after	the main
8028		MEANS OF TRANS	· ·	C	4 an 4	7 0



Example:

UNH+00000189101+IFTDGN:D:03A:UN:PROT20' BGM+89N+00000189101+9 DTM+137:201409291135:203 FTX+CHG++CAM HAN+T' RFF+AAY:TRANSIT 1411' ТDT+20+1411+1++++9434929::::ХХХХХХХХХ:НК' RFF+ATZ:V135738 LOC+153+BEANR DTM+132:201409300000:203' DTM+133:201409300000:203 NAD+MR+POA NAD+MS+XXXBEL ' NAD+DA+XXXBEL+JOHN DOE:XXXBEL:STREET:ANTWERP' CTA+IC+: JOHN DOE COM+32(0)3 000000:TE' COM+JOHN. DOE@ANTWERP. BE:EM CNI+1+564759013 LOC+200+BEANR TDT+20++1' RFF+ALH:V5M0002182' GID+1+18:11H2 DGS+IMD+7+2978' FTX+AAD+++RADIOACTIVE MATERIAL, URANIUM HEXAFLUORIDE' MEA+AAE+AAL+KGM:00000003309.60' SGP+XXXU9785568 LOC+147+0330702 GID+... UNT+37+00000189101'