



## PART II

# EDIFACT MESSAGE IMPLEMENTATION GUIDE

### **Dangerous Goods Notification message IFTDGN**

of the:

PROTECT

DANGEROUS GOODS MESSAGE SCENARIO

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# IFTDGN Dangerous Goods Notification Message

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# IFTDGN Dangerous Goods Notification Message

## 1 Message Principles

### Introduction:

The International Forwarding and Transport Dangerous Goods Notification message is a message from the party responsible to declare the dangerous goods (e.g. carrier's agent, freight forwarder) to the party acting on behalf of the local authority performing the checks on conformance with the legal requirements on the control of dangerous goods, normally Port Authority, conveying the information relating to one conveyance/voyage of a means of transport such as a vessel, train, truck or barge, on the dangerous goods being loaded, unloaded, and/or in transit.

### Notes:

#### *Message Principles*

*The following principles apply to the IFTDGN message:*

- 1. One message relates to one conveyance/voyage of a means of transport.*
- 2. One message may relate to all dangerous goods information that the sender of the message is responsible for or to a certain part of that information; the information may be split in different messages, e.g. as it known at different times or the discharging information is sent separately from loading information or the information is split up in different messages for the different dangerous goods classes.*
- 3. The message is based on the local legal information requirements regarding the notification of dangerous goods to the (port) authority.*  
*N.B. This may mean that in a certain port the condition for a segment (group), data element (or qualifier) that is conditional according to this specification, becomes mandatory for that (port) authority.*
- 4. A Dangerous Goods Notification message may contain several consignments.*
- 5. The message structure is suitable to notify either one handling action per message (applicable to all consignments in the message) or the applicable handling action is notified for each consignment separately. The handling action indicates e.g. whether the dangerous goods will be discharged or loaded or whether the dangerous goods remain on board (in transit).*
- 6. A consignment may contain several goods items/dangerous goods classes.*
- 7. Each goods item can only contain one dangerous goods class. A goods item may reflect the operational description of the goods.*
- 8. A dangerous goods class/goods item may be transported in one or more equipment, and a single equipment may contain one or more dangerous goods classes/goods items.*
- 9. The message caters for the provision of sending a replacement or a cancellation of an earlier sent message, or sending an update (change, deletion, etc.).*

*The message function for an Original of a notification, a Cancellation and a Replace of a previously sent notification message will be supported by all Port Authorities participating in PROTECT.*

- 10. The message content is uniquely identified by means of the message reference (in BGM 1004) and the message sender identification (in NAD(MS) 3039). All other identifying data, such as radio call sign of the vessel or voyage number, are secondary references pointing to data outside the message. The sending of replacements and updates also makes use of this principle.*

*Remark: To cover all dangerous goods information relating to one conveyance/voyage of a means of transport might imply accumulation of several Dangerous Goods Notification messages from the same or several agents/forwarders.*



*11. The PROTECT Port Authorities have agreed to derive their local IFTDGN Implementation Guides from this PROTECT EDIFACT Implementation Guide applying the following rule: data not required (or treated) locally in a port, may be sent as long as it is according to this PROTECT EDIFACT Implementation Guide.*

*Example: The vessel's stay in port reference is used in Antwerp and not in Rotterdam: it is mandatory in the Antwerp Implementation Guide and optional in the Rotterdam Implementation Guide; such a reference may be sent in Rotterdam but will be ignored.*

*To minimise implementation differences for different ports it is advised to supply as much information as possible in each local IFTDGN enabling the authorities to pick out what is locally required.*

*12. The identification code of the party responsible for notification to the PA (a code for the carrier agent that is to be used in all notification messages) needs to be discussed and agreed between the Port Authority and the party. The party will be left the choice to use his own determined code that identifies the party or to use a code to be assigned by the Port Authority. This will allow liners/carriers acting world-wide to notify in all ports making use of one identification code if so desired, instead of using a different code in each port. (This is agreed to be able to uniquely identify the messages at the receiving side. Both the message and the sending party should be identifiable, these id's together are unique for a message.)*



## 2 Data Attributes

The functional specification of the message is a description of the data content of the messages. All data attributes that constitute the message are specified.

The data attributes are specified as follows:

### ***Legenda:***

All data attributes have in principle a **Definition**. In case there is no ambiguity the definition is omitted.

An indication is added for the occurrence (**M/O/C**) of the data attribute in the message:

M = Mandatory – attribute should be present in message

O = Optional – attribute may be present in message

C = Conditional – a condition is applicable to the occurrence of the attribute

In the last case the applicable **Condition** is specified.

Further the **Mapping** of the data attribute to the EDIFACT segment (as detailed in the next chapters) is specified.

Also indicated is whether the data attribute is contained in the EDIFACT segment specification of the message in the next chapters.



Data attribute	M/O/C	not in spec	Mapping	Definition	Condition
BARGE ID	O	-	SGP in CNI/GID group		
BARGE ID	O	-	SGP in CNI/GID/DGS group		
BARGE ID	O	-	EQD		
BARGE PAYLOAD MAXIMUM	O	-	MEA in EQD group		
BARGE PAYLOAD UNIT	O	-	MEA in EQD group		
BARGE TYPE/SIZE CODED	O	-	EQD		
CONSIGNMENT ID SERIAL	M		CNI.1490	Serial number of the consignment, identifying each entry uniquely within the message. In case of an update or a deletion message (BGM 1225) the same consignment should be identified by the same Consignment ID Serial number as in the previous message. In case of an addition of a consignment (BGM 1225) the consignment should be identified with a Consignment ID Serial number not yet used in previous messages.	
CONSIGNMENT ID REFERENCE	O		CNI.1004	Identification number of the consignment. In case the handling action is Discharge or Transit e.g. the number of the Bill of Lading; in case the handling action is Load e.g. the carrier/carrier's agent Booking reference number.	
CONSIGNMENT REFERENCE FORWARDER	O		RFF(FF).1154 in CNI/NAD group	Reference number assigned to the consignment by the freight forwarder.	
CONSIGNMENT REFERENCE OCEAN CARRIER AGENT	O		RFF(AAY).1154 in CNI/NAD group	Reference number assigned to the consignment by the ocean carrier's agent.	
CONTAINER ID PREFIX & NO	O		EQD(CN).8260	Unique identification of the container (consisting of a prefix and a serial number).	
CONTAINER TYPE/SIZE CODED and DESCR	O		EQD(CN).8155 and 8154	For ISO containers the ISO size/type code is to be used.	
CONTAINER EMPTY INDICATOR	O		EQD.(CN).8169	Indication that the container is empty, in case the container is contaminated or carries residue cargo.	
DGN REFERENCE BARGE OPERATOR AGENT	O	-	RFF		
DGN REFERENCE FORWARDER	O		RFF(FF).1154		



Data attribute	M/O/C	not in spec	Mapping	Definition	Condition
DGN REFERENCE OCEAN CARRIER AGENT	O		RFF(AAY).1154		
DGN REMARKS GENERAL	O		FTX(ACB).4440	Free text remarks related to the notification message as a whole.	
DGN SECURITY FILE REFERENCE	O		RFF(ALG).1154	Reference allocated by an authority in order to control the dangerous goods on board a specific means of transport for dangerous goods security purposes.	
DGN TYPE CODED	M		BGM.1001	Code for the type of dangerous goods notification that the message contains.	
EQUIPMENT AT STOWAGE PLACE MAIN	O		LOC(147).3225 in CNI/GID/DGS/SGP group	Location on the main carriage vessel where the equipment (container) is stowed. The following formats for Stowage cells are recommended: <b>* container vessels</b> as per ISO standard: Bay/Row/Tier in format: BBBRRTT. If Bay number is less than 3 characters it must be filled with leading zeros, e.g. "0340210". <b>* feeder vessels</b> as per ISO standard: Hatch/Tier/Row in format: HHHTTRR. If hatch number is less than 3 characters it must be filled with leading zeroes. * ro-ro vessels: Deck/Bay/Row/Tier in format: DDBBBRRTT. <b>* general cargo vessels:</b> 3 to 9 characters, format: - firstly 3 characters (mandatory) for the cell number (01, 02, etc. with a further indication: S (starboard), P (Portside) or C (Centre)); - secondly 3 characters (optional) for the indication of the deck level: WED = weather deck, TD9 = tween deck 9, ..., TD1 = tween deck 1, LOH = lower hold - thirdly 3 characters (optional) for a further indication within a hold, e.g. hatchcovers. <b>* tanker vessels:</b> tank number.	
EQUIPMENT AT STOWAGE PLACE MAIN HATCH COVER NUMBER	O		LOC(147).3223 in CNI/GID/DGS/SGP group	Hatch cover number, format HHH, may be specified in case the hatch cover number is not included in the stowage cell and the vessel is equipped with hatch covers.	



Data attribute	M/O/C	not in spec	Mapping	Definition	Condition
EQUIPMENT AT STOWAGE PLACE MAIN HATCH COVER STATUS	O		LOC(147).3222 in CNI/GID/DGS/SGP group	Hatch cover status, values 'OPEN' or 'CLOSED', may be specified in case the vessel is equipped with hatch covers and it is required to report whether the hatch cover is open or closed.	
EMERGENCY RESPONSE CONTACT NAME	O		CTA(HE).3412 in CNI/NAD group	Name of person or department to be contacted in case of an emergency with the dangerous goods (of the consignment).	
EMERGENCY RESPONSE CONTACT PHONE/FAX/E-MAIL	O		COM.3148 in CNI/NAD/CTA(HE) group	Phone or Fax number or e-mail address of the contact person or department to be contacted in case of an emergency with the dangerous goods (of the consignment).	
EMERGENCY RESPONSE ID and NAME & ADDRES	O		NAD(FU) in CNI group	Name and address of the company to be contacted in case of an emergency with the dangerous goods (of a consignment).	
FORWARDER CONTACT NAME	O		CTA in NAD group		
FORWARDER CONTACT NAME	O		CTA in CNI/NAD group		
FORWARDER CONTACT PHONE	O		COM.3148 in CNI/NAD/CTA group		
FORWARDER CONTACT PHONE/FAX/EMAIL	O		COM.3148 in NAD/CTA group		
FORWARDER ID and NAME & ADDRESS	O		NAD(FW).3039, 3124 in CNI group		
FORWARDER ID and NAME & ADDRESS, etc.	O		NAD(FW).3039, 3124 etc		
GOODS DESCRIPTION	O		FTX(AAA).4440 in CNI/GID group		
GOODS CARGO TYPE CODED	O		FTX(AAA).4441 in CNI/GID group	Code for the type of cargo of the goods item. Note: Codes for Type of Cargo according to the UN/ECE Recommendation No. 21.	
GOODS HANDLING D/T EXPECTED	C		DTM(369).2380 in CNI group	The date and or time (expressed in local time) when the handling action is estimated to take place. (Note: e.g. the operation/handling action on the goods such as loading or discharging.)	Is to be completed in case handling action is discharge or load.





Data attribute	M/O/C	not in spec	Mapping	Definition	Condition
GOODS HANDLING INFO CODED	C		HAN.4079	Coded indication of the handling action performed on the goods.	The Goods handling info coded is to be completed either on message level (applicable to all consignments in the message) or on consignment level for each individual consignment separately. It may also be completed on both levels, in which case the contents should be identical on both levels.
GOODS HANDLING INFO CODED	C		HAN.4079 in CNI group	Coded indication of the handling action performed on the goods.	The Goods handling info coded is to be completed either on message level (applicable to all consignments in the message) or on consignment level for each individual consignment separately. It may also be completed on both levels, in which case the contents should be identical on both levels.



Data attribute	M/O/C	not in spec	Mapping	Definition	Condition
GOODS HAZARD AT STOWAGE PLACE MAIN	O		LOC(147).3225 in CNI/GID/DGS group	Place at which the hazardous goods are stowed/loaded in the main carriage transport means (such as vessel or barge) by which the goods are (to be) shipped in case the <b>goods</b> are <b>not contained in container/equipment</b> . The following formats for Stowage cells are recommended: * <b>container vessels</b> as per ISO standard: Bay/Row/Tier in format: BBBRRTT. If Bay number is less than 3 characters it must be filled with leading zeros, e.g. "0340210". * <b>feeder vessels</b> as per ISO standard: Hatch/Tier/Row in format: HHHTTTR. If hatch number is less than 3 characters it must be filled with leading zeroes. * <b>ro-ro vessels</b> Deck/Bay/Row/Tier in format: DDBBBRRTT. * <b>general cargo vessels</b> : 3 to 9 characters, format: - firstly 3 characters (mandatory) for the cell number (01, 02, etc. with a further indication: S (starboard), P (Portside) or C (Centre)); - secondly 3 characters (optional) for the indication of the deck level: WED = weather deck, TD9 = tween deck 9, ..., TD1 = tween deck 1, LOH = lower hold - thirdly 3 characters (optional) for a further indication within a hold, e.g. hatchcovers. * <b>tanker vessels</b> tank number.	
GOODS HAZARD AT STOWAGE PLACE MAIN HATCHCOVER NUMBER	O		LOC(147).3223 in CNI/GID/DGS group	Hatch cover number, format HHH, may be specified in case the hatch cover number is not included in the stowage cell and the vessel is equipped with hatch covers.	
GOODS HAZARD AT STOWAGE PLACE MAIN HATCHCOVER STATUS	O		LOC(147).3222 in CNI/GID/DGS group	Hatch cover status, values 'OPEN' or 'CLOSED', may be specified in case the vessel is equipped with hatch covers and it is required to report whether the hatch cover is open or closed.	
GOODS HAZARD AUTHORIZATION NUMBER	O		RFF(ALF).1154 in CNI/GID/DGS group	Reference number allocated by an authority. This number contains an approval concerning an exception on the existing dangerous goods regulation.	



Data attribute	M/O/C	not in spec	Mapping	Definition	Condition
GOODS HAZARD CHEMICAL/TECHNICAL NAME	M		FTX(AAD).4440 in CNI/GID/DGS group	Correct technical name is known as 'Recognized chemical name' in IMO Documentation. It is strongly recommended to supply the Dangerous Goods Technical name in English language according to the IMO's IMDG Code.	Should be used when flashpoint is completed.
GOODS HAZARD FLASHPOINT	O		DGS.7106 in CNI/GID group	The flashpoint is the closed cup test flashpoint as per ISO 1523/73	
GOODS HAZARD FLASHPOINT UNIT	C		DGS.6411 in CNI/GID group	Code for the unit in which the flaspoint is expressed.	
GOODS HAZARD IN BARGE PACKAGE TOTAL NUMBER	O	-	SGP in CNI/GID/DGS group		
GOODS HAZARD IN BARGE RADIOACTIVE INDEX OF TRANSPORT	O	-	MEA in CNI/GID/DGS/SGP group		
GOODS HAZARD IN BARGE RADIOACTIVE CRITICALITY SAFETY INDEX	O	-	MEA in CNI/GID/DGS/SGP group	The criticality safety index of packages containing fissile material that are contained in the barge.	
GOODS HAZARD IN BARGE RADIOACTIVITY	O	-	MEA in CNI/GID/DGS/SGP group		
GOODS HAZARD IN BARGE WEIGHT GROSS	O	-	MEA in CNI/GID/DGS/SGP group		
GOODS HAZARD IN BARGE WEIGHT NET	O	-	MEA in CNI/GID/DGS/SGP group		
GOODS HAZARD IN BARGE WEIGHT NET EXPLOSIVE	O	-	MEA in CNI/GID/DGS/SGP group		
GOODS HAZARD IN BARGE WEIGHT UNIT	O	-	MEA in CNI/GID/DGS/SGP group		
GOODS HAZARD IN CONTAINER ID PREFIX & NO	O		SGP.8260 in CNI/GID/DGS group	Unique identification of the container (consisting of a prefix and a serial number), in which the dangerous goods are contained.	
GOODS HAZARD IN CONTAINER PACKAGE TOTAL NUMBER	O		SGP.7224 in CNI/GID/DGS group	Total number of outer packages of the (dangerous) goods item loaded in the container.	
GOODS HAZARD IN CONTAINER RADIOACTIVE INDEX OF TRANSPORT	O		MEA(AAE)(AEN).6314 in CNI/GID/DGS/SGP group		



Data attribute	M/O/C	not in spec	Mapping	Definition	Condition
GOODS HAZARD IN CONTAINER RADIOACTIVE CRITICALITY SAFETY INDEX	O		MEA(AAE)(T20).6314 in CNI/GID/DGS/SGP group	The criticality safety index of packages containing fissile material that are contained in the container.	Should be used when weight is completed.
GOODS HAZARD IN CONTAINER RADIOACTIVITY	O		MEA(AAE)(AEO).6314 in CNI/GID/DGS/SGP group		
GOODS HAZARD IN CONTAINER WEIGHT GROSS	O		MEA(AAE).(G).6314 in CNI/GID/DGS/SGP group	Gross weight of the dangerous goods in the container including their packing, but without the equipment used by the carrier for their transport.	
GOODS HAZARD IN CONTAINER WEIGHT NET	O		MEA(AAE)(AAL).6314 in CNI/GID/DGS/SGP group	Net weight of the dangerous goods in the container excluding their packing and excluding the equipment used by the carrier for their transport.	
GOODS HAZARD IN CONTAINER WEIGHT NET EXPLOSIVE	O		MEA(AAE)(T19).6314 in CNI/GID/DGS/SGP group	Weight (mass) of the explosive part or substance of goods in the container without any packing.	
GOODS HAZARD IN CONTAINER WEIGHT UNIT	C		MEA(xx).6411 in CNI/GID/DGS/SGP group	Code for the unit in which the weight is expressed.	
GOODS HAZARD IN TRAILER PACKAGE TOTAL NUMBER	O	-	SGP in CNI/GID/DGS group		
GOODS HAZARD IN TRAILER RADIOACTIVE INDEX OF TRANSPORT	O	-	MEA in CNI/GID/DGS/SGP group		
GOODS HAZARD IN TRAILER RADIOACTIVITY	O	-	MEA in CNI/GID/DGS/SGP group		
GOODS HAZARD IN TRAILER RADIOACTIVE CRITICALITY SAFETY INDEX	O	-	MEA in CNI/GID/DGS/SGP group	The criticality safety index of packages containing fissile material that are contained in the trailer.	
GOODS HAZARD IN TRAILER WEIGHT GROSS	O	-	MEA in CNI/GID/DGS/SGP group		
GOODS HAZARD IN TRAILER WEIGHT NET	O	-	MEA in CNI/GID/DGS/SGP group		
GOODS HAZARD IN TRAILER WEIGHT NET EXPLOSIVE	O	-	MEA in CNI/GID/DGS/SGP group		
GOODS HAZARD IN TRAILER WEIGHT UNIT	O	-	MEA in CNI/GID/DGS/SGP group		



Data attribute	M/O/C	not in spec	Mapping	Definition	Condition
GOODS HAZARD INFO ADDITIONAL	O		FTX(AAC).4441(=A).4440 in CNI/GID/DGS group	Additional dangerous goods information that cannot be classified (e.g. no open fire, take care of your eyes, do not mix with..., and Number and kind of packages in this dangerous goods class). May also be used for EmS and MFAG numbers additional to those specified in the DGS segment. (e.g. "MFAG: 735" or "EMS: 5.1-04").	For the Goods Hazard either the Info Additional or Fumigation Info or MARPOL Info or Radioactive Info may be completed.
GOODS HAZARD LIMITED QUANTITIES INDICATOR	O		FTX(AAD).4441 in CNI/GID/DGS group	Indication that the transport of the dangerous goods in limited quantities takes place under the provisions allowed for under chapter 18 of the IMO IMDG code (normally dangerous goods in small packages such as bottles).	



Data attribute	M/O/C	not in spec	Mapping	Definition	Condition
GOODS HAZARD FUMIGATION INFO	O		FTX(AAC).4441(=F).4440 in CNI/GID/DGS group	<p>In case of containerised cargo under fumigation or in case of a vessel's hold is fumigated with a gas or a substance that vapours gas, the C108 data elements are recommended to be used as follows (in sequence and format):</p> <p>-1st 4440: date of fumigation, in format CCYYMMDD, followed by a slash "/", followed by the name of the port/place where the treatment with the fumigating substance took place (e.g. "20020531/SEVILLA").</p> <p>-2nd 4440: name of fumigant, in free text (e.g. "PHOSGENE").</p> <p>-3rd 4440: for containerised cargo: amount of fumigant (including unit such as KGM, or %VOL for volume percentage); for bulk cargo: number of the hold, followed by a equal sign "=", followed by the measured value in particles per million for that hold. This combination of the number of a hold and the measured value in that hold can be repeated for each hold in which the concentration is measured, after adding a double slash "/" (e.g. hold 2S with measured value 5 ppm, hold 2C with measured value 11 and hold 2P with measured value 40 ppm is represented as: "2S=5//2C=11//2P=40").</p> <p>-4th 4440: numbers of the holds that are vented after treatment with fumigating substance, separated by a slash "/" (e.g. hold 2S and hold 2C are represented as "2S/2C").</p> <p>-5th 4440: indication that suitable gas measuring equipment is on board, values: "YES" or "NO".</p> <p>Coded indication of the degree that the dangerous goods is marine pollutant.</p>	For the Goods Hazard either the Info Additional or Fumigation Info or MARPOL Info or Radioactive Info may be completed.
GOODS HAZARD MARPOL INDICATOR	O		FTX(AAC).4441 in CNI/GID/DGS group		



Data attribute	M/O/C	not in spec	Mapping	Definition	Condition
GOODS HAZARD MARPOL INFO	O		FTX(AAC).4441(=P or PP).4440 in CNI/GID/DGS group	In case of Transport of noxious or polluting bulk liquids (as required under MARPOL), the C108 data elements are recommended to be used as follows (in sequence and format): -1st 4440: Marpol Annex applicable to this substance: "MARPOL-I" or "MARPOL-II". -2nd 4440: In case of annex II the category assigned under this annex: "A", "B", "C", "D", "APP3", or these categories within brackets or square brackets "[ ]" for provisional assigned substances. -3rd 4440: Required ship-type for the substance as defined in the IBC code: "1", "2", "3" or "N.A." (=not applicable). In case substances transported under the proper shipping name "NOXIOUS LIQUID N.O.S." : the assigned N.O.S. position as stated in MEPC Circular 2 (N.O.S. positions 1 to 18). -4th 4440: Transport temperature.	For the Goods Hazard either the Info Additional or Fumigation Info or MARPOL Info or Radioactive Info may be completed.
GOODS HAZARD PACKING GROUP CODED	O		DGS.8339 in CNI/GID group	Coded indication of the packaging group in which the hazardous goods are classified according to the applicable hazardous goods regulation.	



Data attribute	M/O/C	not in spec	Mapping	Definition	Condition
GOODS HAZARD RADIOACTIVE INFO	O		FTX(AAC).4441(=R).4440 in CNI/GID/DGS group	In case of Radioactive materials (IMO class 7), the C108 data elements are recommended to be used as follows (in sequence and format): -1st 4440: <b>Name of the Radionuclide</b> (ref.: chapter 8.1 item 5) ( <b>deleted here is:</b> "Schedule number(s) under which the consignment is to be shipped"). -2nd 4440 Category of the packages (ref.: chapter 6.2): "I" (=White), "II" (=Yellow), or "III" (=Yellow). -3rd 4440: Identification mark for competent authority approval certificate applicable to the consignment. Each certificate shall be identified by an identification mark of the following general format (ref.: chapter 8.1 item 14 and 8.3.4.): VRI/number/type code, where: -VRI means the Vehicle identification; -Number means a unique number issued by the authority and clearly related to the design approval identification mark; -Type code means a code as specified in 8.3.4.3: "AF". -4th 4440: Condition / description of the physical and chemical form of the material(ref.: chapter 8.1 item 9): "LIQUID", "GAS", "SOLID", etc. -5th 4440: Free	For the Goods Hazard either the Info Additional or Fumigation Info or MARPOL Info or Radioactive Info may be completed.
GOODS HAZARD RADIOACTIVE INDEX OF TRANSPORT	C		MEA(AAE)(AEN).6314 in CNI/GID/DGS group	The index of transport determines the maximum radiation level at a distance of 1m from the external surface. Ref.: IMO class 7, chapter 2.7.6.1.	To be completed in case of IMO class 7.
GOODS HAZARD RADIOACTIVE CRITICALITY SAFETY INDEX	C		MEA(AAE)(T20).6314 in CNI/GID/DGS group	The criticality safety index, assigned to fissile material, is a number which is used to provide control over the accumulation of packages containing fissile material. Ref.: IMO class 7, chapter 2.7.6.2.	To be completed in case of IMO class 7.
GOODS HAZARD RADIOACTIVITY	C		MEA(AAE)(AEO).6314 in CNI/GID/DGS group	Activity of radioactive material. Ref.: IMO class 7, chapter 2.7.7.2.	To be completed in case of IMO class 7.
GOODS HAZARD REFERENCE EMS	O		DGS.8364 in CNI/GID group	Reference to the section in the publication "Emergency procedures for ships carrying dangerous goods" applicable to the hazardous goods.	





Data attribute	M/O/C	not in spec	Mapping	Definition	Condition
GOODS HAZARD REFERENCE MFAG	O		DGS.8410 in CNI/GID group	Reference to the section in the publication "Medical first aid guide" applicable to the hazardous goods.	Should be used when weight is completed.
GOODS HAZARD REFERENCE UNDG	M		DGS.7124 in CNI/GID group	If the UNDG number is not assigned then the value 0000 is to be completed.	
GOODS HAZARD REGULATIONS CLASS	M		DGS.8351 in CNI/GID group	Classification of the hazardous material according to the hazardous goods regulations of the concerning mode of transport. If class of hazard according to the regulation is not assigned then the value 0.00 is to be completed.	
GOODS HAZARD REGULATIONS CODED	M		DGS.8273 in CNI/GID group	Code indicating the regulation, international or national, applicable for a means of transport.	
GOODS HAZARD REGULATIONS PAGE NO	O		DGS.8078 in CNI/GID group	Number of the page within the applicable hazardous goods regulations book, detailing the classification of the concerning hazardous material.	
GOODS HAZARD REGULATIONS AMENDMENT NO	O		DGS.8092 in CNI/GID group	Number of the applicable Amendment to the IMO Regulation, (value e.g. 29 for Amendment No. 29), may be completed during a transition period in which two Amendments are valid).	
GOODS HAZARD REGULATIONS SUBSIDIARY RISK	O		DGS.8246 in CNI/GID group	Identification of the Subsidiary Risk (besides the primary risk identified in the REGULATIONS CLASS) according to the applicable dangerous goods regulation, also being additional Marking as (to be) attached on the hazardous goods according to the applicable hazardous goods regulations.	
GOODS HAZARD WEIGHT GROSS	O		MEA(AAE).(G).6314 in CNI/GID/DGS group	Gross weight of the dangerous goods including their packing, but without the equipment used by the carrier for their transport.	
GOODS HAZARD WEIGHT NET	O		MEA(AAE)(AAL).6314 in CNI/GID/DGS group	Net weight of the dangerous goods excluding their packing and excluding the equipment used by the carrier for their transport.	
GOODS HAZARD WEIGHT NET EXPLOSIVE	O		MEA(AAE)(T19).6314 in CNI/GID/DGS group	Weight (mass) of the explosive part or substance of goods without any packing.	
GOODS HAZARD WEIGHT UNIT	C		MEA in CNI/GID/DGS group	Code for the unit in which the weight is expressed.	
GOODS ID SERIAL	M		GID.1496 in CNI group		
GOODS IN BARGE WEIGHT	O	-	MEA in CNI/GID/SGP		



Data attribute	M/O/C	not in spec	Mapping	Definition	Condition
GROSS GOODS IN BARGE WEIGHT UNIT	O	-	MEA in CNI/GID/SGP		
GOODS MARKS & NUMBERS	O		PCI.7102 in CNI/GID group		
GOODS PACKAGE TYPE INNER CODED and DESCR	O		GID.7065,7065(3rd) in CNI group	Code/description for the the type of the non-selfcontained units within the selfcontained units (the (most) inner packaging within outer or within any intermediate packaging). - Codes for the Inner Type of Package are to be according to the code set in UN/ECE Recommendation No. 21 (1994), (Codes for types of cargo, packaging and packaging materials) for Types of package/packaging:- either the 2-alpha code list in Annex V (and VI); - or the code list in Annex VII (based on the 1993 edition of the Recommendation on the Transport of Dangerous Goods ('Orange Book')), section 9.4.	
GOODS PACKAGE TYPE INNER TOTAL NUMBER	O		GID.7224(3rd) in CNI group	Total number of the non-selfcontained units within the selfcontained units in which the goods item is presented.	
GOODS PACKAGE TYPE OUTER CODED and DESCR	C		GID.7065,7065(1st) in CNI group	Code/description for the type of the selfcontained units in which the goods item is presented. Codes for the Outer Type of Package are to be according to the code set in UN/ECE Recommendation No. 21 (1994), (Codes for types of cargo, packaging and packaging materials) for Types of package/packaging: - either the 2-alpha code list in Annex V (and VI); - or the code list in Annex VII (based on the 1993 edition of the Recommendation on the Transport of Dangerous Goods ('Orange Book')), section 9.4.	Should be completed in case the notification pertains to a non-bulk notification.
GOODS PACKAGE TYPE OUTER TOTAL NUMBER	C		GID.7224(1st) in CNI group	Total number of the selfcontained units in which the goods item is presented.	Should be completed in case the notification pertains to a non-bulk notification.
GOODS REMARKS GENERAL	O		FTX(ACB).4440 in CNI/GID group	Free text remarks related to the goods item.	



Data attribute	M/O/C	not in spec	Mapping	Definition	Condition
GOODS TANK CLEANING INFO	O		FTX(ACB).4440 in CNI/GID group	In case the handling action is Cargo Tank Cleaning, the C108 data elements are recommended to be used as follows (in sequence and format): -1st 4440: Cleaning method, in free text (e.g. washing, venting. pre-washing, crude oil washing, steaming). -2nd 4440: Destination of the washwater (e.g. in stowage hold, to lighter). -3rd 4440: Receiving party of the washwater. -4th 4440: Indication of cleaning procedure to be followed e.g. 'Cleaning according to P+A' (Procedure and Arrangements).	
MAIN BARGE D/T ETD PLACE/START	O	-	DTM in TDT group		
MAIN BARGE ID	O	-	TDT		
MAIN BARGE NAME	O	-	TDT		
MAIN BARGE OPERATOR AGENT CONTACT NAME	O	-	CTA in NAD group		
MAIN BARGE OPERATOR AGENT CONTACT PHONE/FAX/EMAIL	O	-	COM.3148 in NAD/CTA group		
MAIN BARGE OPERATOR AGENT ID, NAME and ADDRESS, etc.	O	-	NAD		
MAIN BARGE OPERATOR CONTACT NAME	O	-	CTA in NAD group		
MAIN BARGE OPERATOR CONTACT PHONE/FAX/EMAIL	O	-	COM.3148 in NAD/CTA group		
MAIN BARGE OPERATOR ID and NAME & ADDR, etc.	O	-	NAD		
MAIN BARGE TYPE CODED	O	-	TDT		
MAIN BARGE VOYAGE REF	O	-	TDT		



Data attribute	M/O/C	not in spec	Mapping	Definition	Condition
MAIN OCEAN CARRIER AGENT CONTACT NAME	O		CTA(IC).3412 in NAD group		
MAIN OCEAN CARRIER AGENT CONTACT NAME	O		CTA(IC).3412 in CNI/NAD group		
MAIN OCEAN CARRIER AGENT CONTACT PHONE	O		COM.3148 in CNI/NAD/CTA group		
MAIN OCEAN CARRIER AGENT CONTACT PHONE/FAX/EMAIL	O		COM.3148 in NAD/CTA group		
MAIN OCEAN CARRIER AGENT ID and NAME & ADDRESS	O		NAD(CG).3039, 3124 in CNI group		
MAIN OCEAN CARRIER AGENT ID	M		NAD(CG).3039		
MAIN OCEAN CARRIER AGENT NAME and ADDRESS, etc.	C		NAD(CG).3124 etc		
MAIN OCEAN CARRIER CONTACT NAME	O		CTA(IC).3412 in NAD group		
MAIN OCEAN CARRIER CONTACT PHONE/FAX/EMAIL	O		COM.3148 in NAD/CTA		
MAIN OCEAN CARRIER ID	O		NAD(CA).3029	Note: For the carrier either the BIC code or a mutual agreed code may be completed.	
MAIN OCEAN CARRIER NAME & ADDRESS, etc.	C		NAD(CA).3124 etc		
MAIN OCEAN SHIP'S STAY REFERENCE	O		RFF(SSX).1153 in TDT group	Reference number assigned by the authority in the port to a certain call of the vessel in that port.	
MAIN OCEAN VOYAGE REF	O		TDT.8028	Voyage number assigned by the carrier or his agent.	
MAIN VESSEL VOYAGE REF ALTERNATIVE	O		RFF(VON).1153 in TDT group	Carrier agent's voyage number if different from Carrier voyage number in TDT 8028.	
MAIN VESSEL POC BERTH CODED or/and NAME, JETTY NR	O		LOC(153).3225, 3223, 3222, 3233 in TDT(20) group	Place or location in the port of call where a main carriage vessel is moored. (Completed in three composite data elements in LOC segment for respectively: UNLOCODE for port of call, Berth, jetty number).	



Data attribute	M/O/C	not in spec	Mapping	Definition	Condition
MAIN VESSEL POC BERTH CODED or/and NAME, JETTY NR	O		LOC(153).3225, 3223, 3222, 3233 in CNI group	Place or location in the port of call where a main carriage vessel is moored. (Completed in three composite data elements in LOC segment for respectively: UNLOCODE for port of call, Berth, jetty number).	In case of sea mode of transport the arrival date/time, estimated should be completed.
MAIN VESSEL CERTIFICATE/FITNESS AVAILABLE INDICATOR	O		FTX(COF)	Indicator that the certificate of fitness is available on board the main carriage vessel.	
MAIN VESSEL CERTIFICATE/FITNESS STOWAGE INDICATOR	O		FTX(COS)	Indicator that the stowage of the goods on board the main carriage vessel is in conformance with the stipulation in the certificate of fitness.	
MAIN VESSEL D/T ETA POC	C		DTM(132).2379 in TDT group	Expected time of arrival of the main carriage vessel in the port of call (where this notification message is issued), expressed in local time.	
MAIN VESSEL D/T ETD POC	O		DTM(133).2379 in TDT group	Expected time of departure of the main carriage vessel in the port of call (where this notification message is issued), expressed in local time.	In case of sea mode of transport this data element should be completed with the identification of the vessel according to Lloyd's Register of Shipping (LRS).
MAIN VESSEL ID LRN	C		TDT(20).8213	Identification of the main carriage vessel according to Lloyd's Register of Shipping (LRS).	
MAIN VESSEL ID RCS	C		REF(VM).1153 in TDT group	Radio Call Sign of the main carriage vessel according to the ITU. Note: Should be completed without spaces or hyphens.	
MAIN VESSEL NAME	C		TDT.8212	Name of the main carriage vessel.	
MAIN VESSEL NATIONALITY CODED	C		TDT.8453	Code for nationality of the pre-carriage vessel according to Lloyd's Flag table.	In case of sea mode of transport this data element should be completed with the nationality of the vessel according to Lloyd's Flag table.
MAIN VESSEL PLACE/CALL NEXT CODED	O		LOC in TDT(20) group	Code for the next port of call of the main carriage vessel.	
MAIN VESSEL PLACE/CALL NEXT NAME	O		LOC in TDT(20) group	Name of the next port of call of the main carriage vessel.	



Data attribute	M/O/C	not in spec	Mapping	Definition	Condition
MAIN VESSEL PLACE/START CODED and NAME	O		LOC in TDT(20) group	Code and name of the port where the voyage of the main carriage vessel started.	
MAIN VESSEL TRANSPORT LICENSE NUMBER	O		RFF in TDT(20) group	License number allocated by an authority as to the permission of carrying dangerous goods by a specific means of transport.	
MAIN VESSEL TRANSPORT LICENSE NUMBER	O		RFF in CNI/TDT(10,30) group	License number allocated by an authority as to the permission of carrying dangerous goods by a specific means of transport.	
MAIN VESSEL TYPE CODED	O		TDT.8179	Code for vessel type according to the Lloyd's Register of Shipping's code table for vessel types.	
MAIN VESSEL TYPE DESCR	O		TDT.8178	Description of the type of the vessel.	
MESSAGE	O		CTA(IC).3412 in NAD group		
ACKNOWLEDGEMENT					
RECIPIENT CONTACT NAME					
MESSAGE	O		NAD(AK).3039		
ACKNOWLEDGEMENT					
RECIPIENT ID					
MESSAGE	C		NAD(AK).3124 etc		
ACKNOWLEDGEMENT					
RECIPIENT NAME & ADDRESS, etc.					
MESSAGE DATE/TIME	M		DTM(137).2379	Date and time at which the information supplied in the message has been created (local time). (This is not (necessarily) the time the message is processed, converted or sent. It is the date/time of the 'letter' and not the date/time of the 'postal stamp' on the envelop (which is in UNB).)	The date/time that the receiving application encounters the approval, rejection, conditional acceptance (error indication).
MESSAGE CHANGE	C		RFF(ACW).1153	Reference number assigned by the sender of the previously sent message instance to which the replacement (or other change(s)) apply.	To be completed in case message is other than Original.
REFERENCE PREVIOUS MESSAGE					
MESSAGE CHANGE REMARKS CODED	C		FTX(CHG).4441	Coded indication of the (kind of) change(s) contained in this message with respect to the previously sent message.	May only be completed in case message is other than Original.



Data attribute	M/O/C	not in spec	Mapping	Definition	Condition
MESSAGE FUNCTION INDICATOR	M		BGM.1225	Coded indication of a change regarding a previously sent message, such as replacement of previous message, addition(s) to or deletion(s) from previous message. - The message function for a Original of a notification, a Replace or a Cancellation of a previously sent notification message will be supported by all Port Authorities participating in PROTECT. Implementations for other message function codes may differ from port to port. - The message function codes for Addition of item(s) to, Deletion of item(s) from and Change of item(s) in a previously sent notification, all pertain to the consignment level (CNI group). So, these codes indicate that the consignment(s) in the current message are either to be added to, or to be deleted from, or to be changed in the referred previously sent notification message. Consequently, goods items can be added to (or deleted from or changed in) an earlier notified consignment by issuing a notification message with that consignment newly detailed in a CNI group with code for Change as message function code.	
MESSAGE NOTIFY CONTACT NAME	O		CTA in NAD group		
MESSAGE NOTIFY CONTACT PHONE/FAX/EMAIL	O		COM in NAD/CTA group		
MESSAGE NOTIFY ID	O		NAD(N1).3039		
MESSAGE NOTIFY NAME & ADDRESS	O		NAD(N1).3124 etc		
MESSAGE RECIPIENT CONTACT NAME	O		CTA in NAD group		
MESSAGE RECIPIENT CONTACT PHONE/FAX/EMAIL	O		COM in CTA/NAD group		
MESSAGE RECIPIENT ID	M		NAD(MR).3039		
MESSAGE RECIPIENT NAME & ADDRESS, etc.	C		NAD(MR).3124 etc		



Data attribute	M/O/C	not in spec	Mapping	Definition	Condition
MESSAGE REFERENCE	M		BGM.1004	Reference number of the message instance assigned by the sender that must be unique for the sender within the message type and business application area.	
MESSAGE SENDER CONTACT NAME	O		CTA(IC).3412 in NAD		
MESSAGE SENDER CONTACT PHONE/FAX/EMAIL	O		COM.3148 in NAD/CTA group		
MESSAGE SENDER ID	M		NAD(MS).3029		
MESSAGE SENDER NAME & ADDR, etc.	C		NAD(MS).3124 etc.		
NOTIFY ID, NAME and ADDRESS, etc.	O		NAD(N1).3029, 3124 etc.		
ON-CARR BARGE ID	O		TDT(30).8213 in CNI group		
ON-CARR BARGE NAME	O		TDT(30).8212 in CNI group		
ON-CARR BARGE VOYAGE REF	O		TDT(30).8067 in CNI group		
ON-CARR MODE/TRANSPORT CODED	O		TDT(30).8067 in CNI group	Code for the mode of transport of the on-carriage transport means.	
ON-CARR OCEAN SHIP'S STAY REFERENCE	O		RFF(SSX).1154 in CNI/TDT group		
ON-CARR OCEAN VOYAGE REF	O		TDT(30).8028 in CNI group		
ON-CARR TRAIN/TRACK ID	O		TDT(30).8028 in CNI group		
ON-CARR TRUCK ID	O		TDT(30).8213 in CNI group		
ON-CARR VESSEL D/T ETD POC	O		DTM(133).2380 in CNI group	Departure date/time, estimated (expressed in local time) may be completed and relates to the On-carriage transport for the consignment.	
ON-CARR VESSEL ID LRN	O		TDT(30).8213 in CNI group	Identification of the on-carriage vessel according to Lloyd's Register of Shipping (LRS).	
ON-CARR VESSEL ID RCS	O		REF(VM).1153 in CNI/TDT(30) group		
ON-CARR VESSEL NAME	O		TDT(30).8212 in CNI group		





Data attribute	M/O/C	not in spec	Mapping	Definition	Condition
ON-CARR VESSEL NATIONALITY CODED	O		TDT(30).8453 in CNI group	Code for nationality of the on-carriage vessel according to Lloyd's Flag table.	
PLACE/DISCHARGE CODED and NAME MAIN VESSEL	O		LOC in CNI group	Place/port where the consignment will be discharged from the main carriage vessel.	
PLACE/LOADING CODED and NAME MAIN VESSEL	O		LOC in CNI group	Place/port where the consignment will be loaded in the main carriage vessel.	
PLACE/START CODED and NAME MAIN BARGE	O	-	LOC in TDT group		
PLACE/START SUB CODED MAIN BARGE		-	LOC in TDT group		
PLACE TERMINAL CODED	O		LOC(T34).3223.(TER) in CNI group	Place of the terminal in port where goods are stored. (Completed in two composite data elements in LOC segment for respectively: UNLOCODE for port, terminal location in port). Use locally agreed codes.	
PLACE WAREHOUSE CODED	O		LOC(T34).3223.(WAR) in CNI group	Place or area in a port not directly related to the waterside where goods are stored. (Completed in two composite data elements in LOC segment for respectively: UNLOCODE for port, warehouse location in port). Use locally agreed codes.	
PRE-CARR BARGE ID	O		TDT in CNI group		
PRE-CARR BARGE NAME	O		TDT in CNI group		
PRE-CARR BARGE VOYAGE REF	O		TDT in CNI group		
PRE-CARR MODE/TRANSPORT CODED	O		TDT(10).8067 in CNI group	Code for the mode of transport of the pre-carriage transport means.	
PRE-CARR OCEAN SHIP'S STAY REFERENCE	O		RFF(SSX).1154 in CNI/TDT group		
PRE-CARR OCEAN VOYAGE REF	O		TDT(10).8028 in CNI group		
PRE-CARR TRAIN/TRACK ID	O		TDT(10).8028 in CNI group		
PRE-CARR TRUCK ID	O		TDT(10).8213 in CNI group		
PRE-CARR VESSEL D/T ETA POC	O		DTM(132).2380 in CNI group	Arrival date/time, estimated (expressed in local time) may be completed and relates to the Pre-carriage transport for the consignment.	



Data attribute	M/O/C	not in spec	Mapping	Definition	Condition
PRE-CARR VESSEL ID LRN	O		TDT(10).8213 in CNI group	Identification of the pre-carriage vessel according to Lloyd's Register of Shipping (LRS).	
PRE-CARR VESSEL ID RCS	O		REF(VM).2253 in CNI/TDT(10) group		
PRE-CARR VESSEL NAME	O		TDT(10).8212 in CNI group	Name of the pre-carriage vessel.	
PRE-CARR VESSEL NATIONALITY CODED	O		TDT(10).8453 in CNI group	Code for nationality of the pre-carriage vessel according to Lloyd's Flag table.	
TRAILER ID	O	-	SGP in CNI/GID/DGS group		
TRAILER ID	O	-	EQD		

### 3 Message structure

#### **Legenda**

To the Segment table (on next page) and EDIFACT Data segment specifications (next chapter):

- Base Status (for segments in segment table) or  
Base Attributes (for data elements in segments):  
This term relates to the occurrence as per UN Directory for the segment or data elements in segments:
  - M = Mandatory – segment/data element should occur.
  - C = Conditional – segment/data element may occur, may be omitted or could conditionally be present in the message. This may be further defined by the the Mesasge Implementation Guide.
- User Status (for segments in segment table) or  
User Attributes (for data elements in segments):
  - M = Mandatory (as per UN Directory)
  - R = Required – segment/data element should occur in the mesage
  - O = Optional – segment/data element may be present in the message
  - X = Not used – segment/data element should not be present in the message
  - D = Dependant – segment/data element is conditionally present is message

In data segment specification the **Data attribute** - as defined in the previous chapter - is added *in Italics* under the data element to which the attribute is mapped.

The possible **Code values** are specified for coded data elements or qualifiers.

Furhter **notes and clarifications** are added *in Italics* if required in addition to the Data attribute definition and conditions.

For **Conditions** a Business rule is created for certain variables (which are assigned Variable names). E.g.: The value of the message function indicator (in BGM.1225) implies whether the previous message reference should occur or not (in RFF(ACW).1154). This is specified in the RFF(ACW) segment by means of business rule: If Message Function indicator NE (= not equals) '9', then 1154 should occur (Must be used).

NE = Not equals

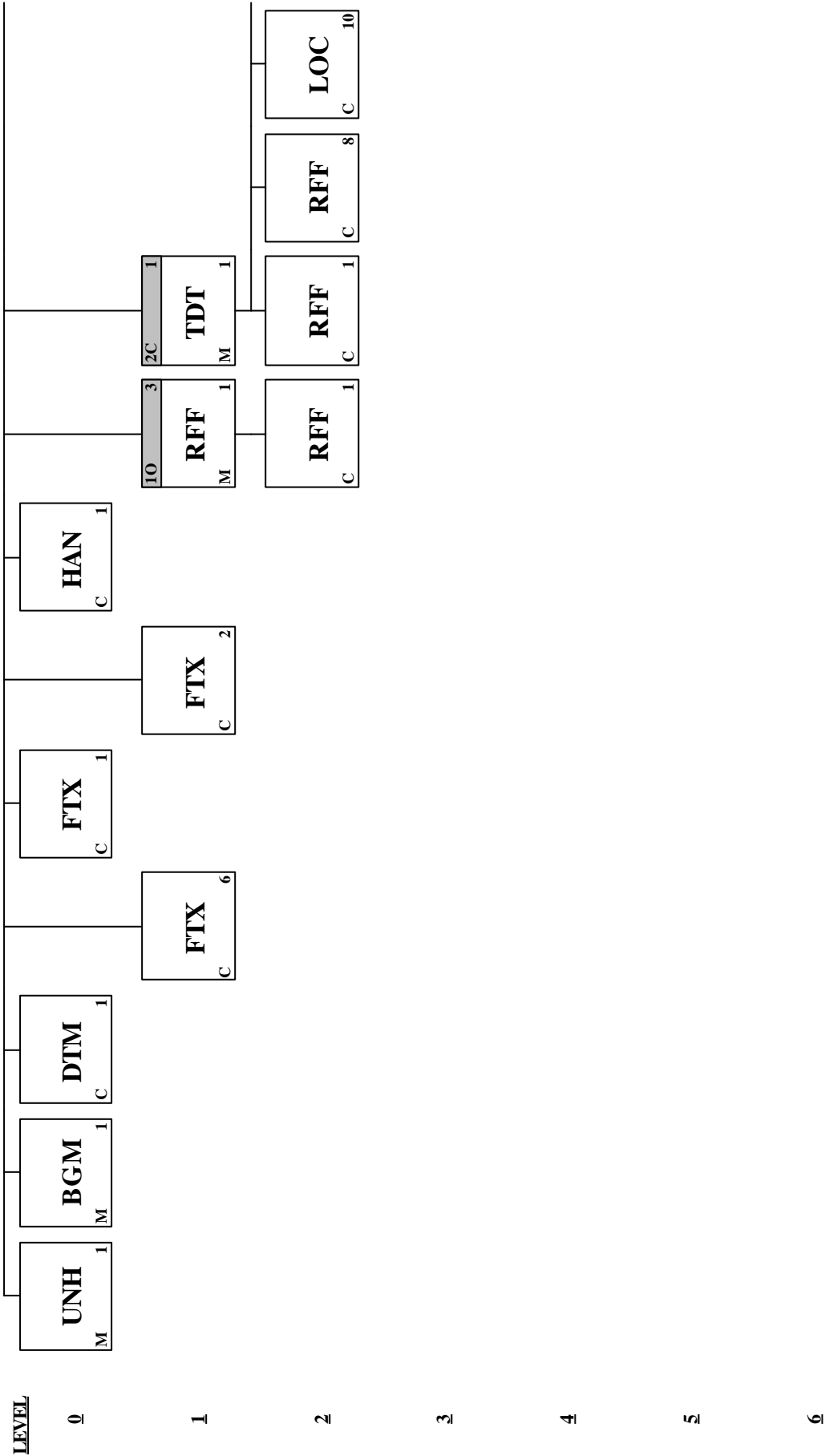
EQ= Equals.

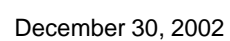


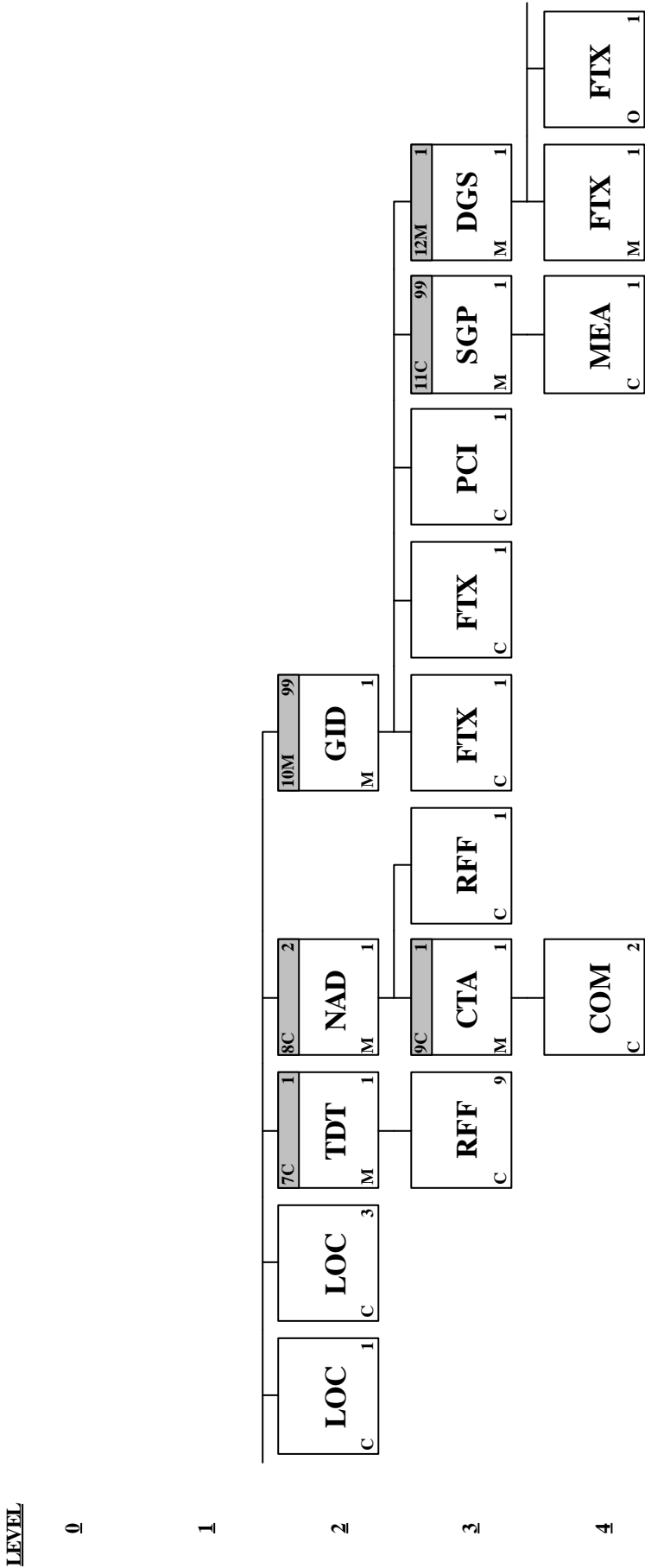
Pos. No.	Seg. ID	Name	Base Status	User Status	Max.Use	Group Repeat	Notes and Comments
0010	UNH	Message Header	M	M	1		
0020	BGM	Beginning of Message	M	M	1		
0030	DTM	Date/Time/Period	C	R	1		
0040	FTX	Free Text	C	O	6		
0040	FTX	Free Text	C	O	1		
0040	FTX	Free Text	C	D	2		
0050	HAN	Handling Instructions	C	O	1		
0060		Segment Group 1: RFF	O	D		3	
0070	RFF	Reference	M	M	1		
0070	RFF	Reference	C	O	1		
0090		Segment Group 2: TDT-RFF-LOC-DTM	C	R		1	
0100	TDT	Details of Transport	M	M	1		
0110	RFF	Reference	C	O	1		
0110	RFF	Reference	C	O	8		
0120	LOC	Place/Location Identification	C	O	10		
0130	DTM	Date/Time/Period	C	D	1		
0130	DTM	Date/Time/Period	C	O	1		
0140		Segment Group 3: NAD-SG4	C	R		1	
0150	NAD	Name and Address	M	M	1		
0160		Segment Group 4: CTA-COM	C	O		2	
0170	CTA	Contact Information	M	M	1		
0180	COM	Communication Contact	C	O	3		
0140		Segment Group 3: NAD-SG4	C	R		1	
0150	NAD	Name and Address	M	M	1		
0160		Segment Group 4: CTA-COM	C	O		2	
0170	CTA	Contact Information	M	M	1		
0180	COM	Communication Contact	C	O	3		
0140		Segment Group 3: NAD-SG4	C	R		1	
0150	NAD	Name and Address	M	M	1		
0160		Segment Group 4: CTA-COM	C	O		2	
0170	CTA	Contact Information	M	M	1		
0180	COM	Communication Contact	C	O	3		
0140		Segment Group 3: NAD-SG4	C	O		1	
0150	NAD	Name and Address	M	M	1		
0160		Segment Group 4: CTA-COM	C	O		2	
0170	CTA	Contact Information	M	M	1		
0180	COM	Communication Contact	C	O	3		
0140		Segment Group 3: NAD-SG4	C	O		6	
0150	NAD	Name and Address	M	M	1		
0160		Segment Group 4: CTA-COM	C	O		2	
0170	CTA	Contact Information	M	M	1		
0180	COM	Communication Contact	C	O	3		
0190		Segment Group 5: EQD-MEA	C	O		999	
0200	EQD	Equipment Details	M	M	1		
0210	MEA	Measurements	C	O	1		
0220		Segment Group 6: CNI-HAN-DTM-LOC-SG7-SG8-SG10	M	M		999	
0230	CNI	Consignment Information	M	M	1		
0240	HAN	Handling Instructions	C	O	1		
0250	DTM	Date/Time/Period	C	D	1		
0250	DTM	Date/Time/Period	C	O	3		
0260	LOC	Place/Location Identification	C	O	1		
0260	LOC	Place/Location Identification	C	O	3		
0270		Segment Group 7: TDT-RFF	C	O		1	
0280	TDT	Details of Transport	M	M	1		
0290	RFF	Reference	C	O	9		
0300		Segment Group 8: NAD-SG9-RFF	C	O		2	



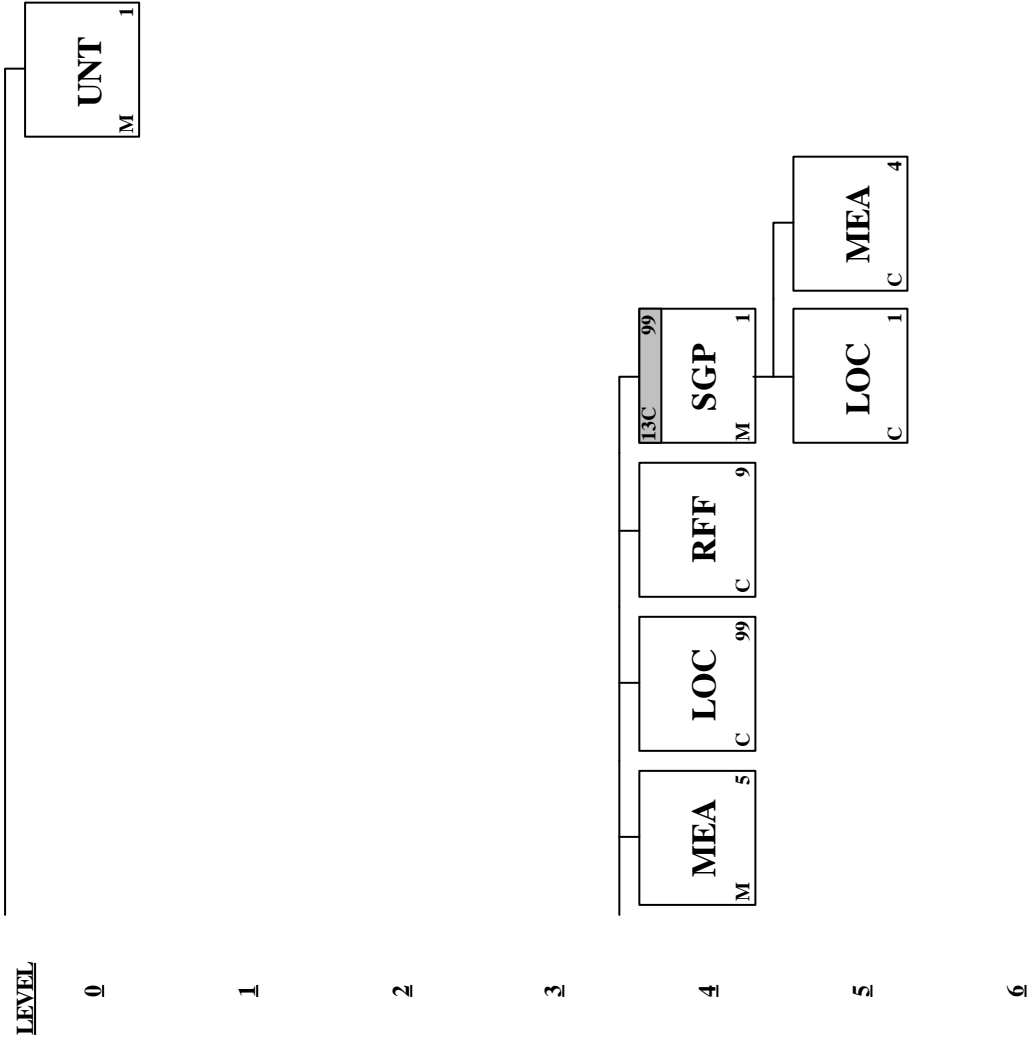
0310	NAD	Name and Address	M	M	1
0320		Segment Group 9: CTA-COM	C	O	1
0330	CTA	Contact Information	M	M	1
0340	COM	Communication Contact	C	O	2
0350	RFF	Reference	C	O	1
0360		Segment Group 10: GID-FTX-PCI-SG11-SG12	M	M	99
0370	GID	Goods Item Details	M	M	1
0380	FTX	Free Text	C	O	1
0380	FTX	Free Text	C	O	1
0390	PCI	Package Identification	C	O	1
0400		Segment Group 11: SGP-MEA	C	O	99
0410	SGP	Split Goods Placement	M	M	1
0420	MEA	Measurements	C	O	1
0430		Segment Group 12: DGS-FTX-MEA-LOC-RFF-SG13	M	M	1
0440	DGS	Dangerous Goods	M	M	1
0450	FTX	Free Text	M	M	1
0450	FTX	Free Text	O	O	1
0460	MEA	Measurements	M	M	5
0470	LOC	Place/Location Identification	C	O	99
0480	RFF	Reference	C	O	9
0490		Segment Group 13: SGP-LOC-MEA	C	O	99
0500	SGP	Split Goods Placement	M	M	1
0510	LOC	Place/Location Identification	C	O	1
0520	MEA	Measurements	C	O	4
0530	UNT	Message Trailer	M	M	1











#### 4 Data segment specification

**Segment:** **UNH** Message Header

**Position:** 0010

**Group:**

**Level:** 0

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** A service segment starting and uniquely identifying a message. The message type code for the Dangerous goods notification message is IFTDGN.  
 Note: Dangerous goods notification messages conforming to this document must contain the following data in segment UNH, composite S009:  
 Data element 0065 IFTDGN 0052 D 0054 98B 0051 UN

#### Dependency Notes:

#### Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes
0062		<b>MESSAGE REFERENCE NUMBER</b> Unique message reference assigned by the sender.	M an..14	M
S009		<b>MESSAGE IDENTIFIER</b> Identification of the type, version etc. of the message being interchanged.	M	M
	0065	<b>Message type identifier</b> Code identifying a type of message and assigned by its controlling agency. <i>IFTDGN Dangerous goods notification message</i> <i>A code to identify the dangerous goods notification message.</i>	M an..6	M
	0052	<b>Message type version number</b> Version number of a message type. <i>D Draft version/UN/EDIFACT Directory</i> <i>Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997).</i> <i>Message approved as a standard message (Valid for directories published after March 1997).</i>	M an..3	M
	0054	<b>Message type release number</b> Release number within the current message type version number (0052). <i>98B Release 1998 - B</i> <i>Message approved and issued in the second 1998 release of the UNTDID (United Nations Trade Data Interchange Directory).</i>	M an..3	M
	0051	<b>Controlling agency</b> Code identifying the agency controlling the specification, maintenance and publication of the message type. <i>UN UN/ECE/TRADE/WP.4</i> <i>United Nations Economic UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).</i>	M an..2	M
	0057	<b>Association assigned code</b> Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message. <i>PROT11 PROTECT Version 1.1</i>	C an..6	R
0068		<b>COMMON ACCESS REFERENCE</b> Reference serving as a key to relate all subsequent transfers of data to the same business case or file.	C an..35	X
S010		<b>STATUS OF THE TRANSFER</b> Statement that the message is one in a sequence of transfers relating to the same topic.	C	X
	0070	<b>Sequence message transfer number</b> Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.	M n..2	X
	0073	<b>First/last sequence message transfer indication</b> Indication used for the first and last message in a sequence of the same type of message relating to the same topic.	C a1	X

**Segment:** **BGM** Beginning of Message  
**Position:** 0020  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to indicate the beginning of the message by identifying the message by a document/message number. It is recommended to sequentially number the messages relating to the same conveyance/voyage of the means of transport. Update (change or replace) messages can be accommodated using Message function code together with the Reference to previous message (in RFF segment) quoting the document/message number of the message being updated by this message.

**Dependency Notes:****Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C002		<b>DOCUMENT/MESSAGE NAME</b>	C	R
		Identification of a type of document/message by code or name. Code preferred.		
	1001	<b>Document/message name, coded</b>	C an..3	R
		Document/message identifier expressed in code.		
		<b>Business Rules:</b>		
		Variable Name:TankerNotanker		
		<b>DGN TYPE CODED M</b>		
		89N Dangerous Goods Notification for all other cargo (other than bulk in tanker)		
		89T Dangerous Goods Notification for Bulk cargo in Tanker vessel		
	1131	<b>Code list qualifier</b>	C an..3	X
C106		Identification of a code list.		
	3055	<b>Code list responsible agency, coded</b>	C an..3	X
		Code identifying the agency responsible for a code list.		
	1000	<b>Document/message name</b>	C an..35	X
		Plain language identifier specifying the function of a document/message.		
		<b>DOCUMENT/MESSAGE IDENTIFICATION</b>	C	R
		Identification of a document/message by its number and eventually its version or revision.		
	1004	<b>Document/message number</b>	C an..35	R
		Reference number assigned to the document/message by the issuer.		
		<b>MESSAGE REFERENCE M</b>		
1225	1056	<b>Version</b>	C an..9	X
		To specify the version number or name of an object.		
	1060	<b>Revision number</b>	C an..6	X
		To specify a revision number.		
		<b>MESSAGE FUNCTION, CODED</b>	C an..3	R
		Code indicating the function of the message.		
		<b>Business Rules:</b>		
		Variable Name:MessageFunction		
		<b>MESSAGE FUNCTION INDICATOR M</b>		
		See attribute definition for recommendation of the use of codes.		
		Not supported in Rotterdam: codes 2, 3, 4, 33.		
	1	<b>Cancellation</b>		
		Message cancelling a previous transmission for a given transaction.		
		NOTE 1: Use of this code means that the complete chain of messages belonging to a transaction is cancelled.		
		(A transaction is defined as a chain of messages of the same type, in which the original message is amended by e.g. adding, deleting or changing consignments in subsequent messages and/or replacing entire message(s) in the chain).		
		NOTE 2: For this message occurrence the conditions for required/conditional are the same as for any message of this		



		<i>message type. This means that at minimal all conditions should be met; for the detail level (CNI group) this means that all conditions should be met once (so one occurrence of the detail level (CNI group) is to appear in the cancellation message).</i>
2		<i>Addition Message containing items (e.g. line items, goods items, Customs items, equipment items) to be added to a previously sent message.</i>
3		<i>Deletion Message containing items (e.g. line items, goods items, Customs items, equipment items) to be deleted from a previously sent message.</i>
4		<i>Change Message containing items (e.g. line items, goods items, Customs items, equipment items) to be changed in a previously sent message.</i>
5		<i>Replace Message replacing a previous message.</i>
9		<i>Original Initial transmission related to a given transaction.</i>
33		<i>Change in heading section Message changing the referenced message heading section.</i>
4343	<b>RESPONSE TYPE, CODED</b>	<b>C   an..3   X</b>
	Code specifying the type of acknowledgment required or transmitted.	



**Segment:** **DTM** Date/Time/Period  
**Position:** 0030  
**Group:**  
**Level:** 0  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A segment to indicate a date and time applying to the whole message, such as date and time of document/message issue.

**Dependency Notes:****Data Element Summary**

<b>Data</b>	<b>Component</b>		<b>Base</b>	<b>User</b>
<b>Element</b>	<b>Element</b>	<b>Name</b>	<b>Attributes</b>	<b>Attributes</b>
<b>C507</b>		<b>DATE/TIME/PERIOD</b>	<b>M</b>	<b>M</b>
		Date and/or time, or period relevant to the specified date/time/period type.		
	<b>2005</b>	<b>Date/time/period qualifier</b>	<b>M an..3</b>	<b>M</b>
		Code giving specific meaning to a date, time or period.		
		137 Document/message date/time		
		(2006) Date/time when a document/message is issued. This may include authentication.		
	<b>2380</b>	<b>Date/time/period</b>	<b>C an..35</b>	<b>R</b>
		The value of a date, a date and time, a time or of a period in a specified representation.		
		MESSAGE DATE/TIME R		
		- Date/times are specified in local time.		
	<b>2379</b>	<b>Date/time/period format qualifier</b>	<b>C an..3</b>	<b>R</b>
		Specification of the representation of a date, a date and time or of a period.		
		203 CCYYMMDDHHMM		
		Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.		



**Segment:** **FTX** Free Text  
**Position:** 0040  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 6  
**Purpose:** A segment to give information on the changes in the message in case of changes to previously sent message. The text subject to be qualified: - Change information

**Dependency Notes:**

Data Element Summary				
Data	Component		Base	User
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
4451		<b>TEXT SUBJECT QUALIFIER</b> Code specifying subject of a free text. <i>CHG</i> Change information <i>Note contains change information.</i>	<b>M</b> an..3	<b>M</b>
4453		<b>TEXT FUNCTION, CODED</b> Code specifying the purpose of the text.	<b>C</b> an..3	<b>X</b>
C107		<b>TEXT REFERENCE</b> Coded reference to a standard text and its source.	<b>C</b>	<b>O</b>
	4441	<b>Free text identification</b> Free text in coded form. <b>Business Rules:</b> 1. If MessageFunction EQ '9', then set Usage to 'Not Used'	<b>O</b> an..17	<b>D</b>
		<b>MESSAGE CHANGE REMARKS CODED C</b>		
		<i>CAM</i> Change or cancellation because of mistake Previous message contained mistake(s). <i>Note: Change may be on message level or on detail level as indicated in BGM 1225 (codes 5, 4, 33).</i>		
		<i>CAN</i> Cancellation because vessel does not carry dangerous substances Previous message is cancelled because the vessel for which dangerous or polluting goods were notified to be loaded, in transit or discharged in the previous message does not carry those goods.		
		<i>CAO</i> Cancellation because operation not carried out Previous message is cancelled because handling action or operation notified in the previous message will not be carried out.		
		<i>CAV</i> Cancellation because vessel does not call Previous message is cancelled because the vessel notified in previous message does not call in the port.		
		<i>CHB</i> Change of berth The berth(s) notified in previous message has (have) changed. <i>Note: Change may be on message level or on detail level as indicated in BGM 1225 (codes 5, 4, 33).</i>		
		<i>CHD</i> Change of date/times of means of transport Date/times for arrival or departure of a means transport notified in previous message has been changed. <i>Note: Change may be on message level or on detail level as indicated in BGM 1225 (codes 5, 4, 33).</i>		
		<i>CHM</i> Change of mode of transport Mode of transport notified in previous message has changed. <i>Note: Change may be on message level or on detail level as indicated in BGM 1225 (codes 5, 4, 33).</i>		
		<i>CHV</i> Change of means of transport Means of transport notified in previous message has changed. <i>Note: Change may be on message level or on detail level as indicated in BGM 1225 (codes 5, 4, 33).</i>		
	1131	<b>Code list qualifier</b> Identification of a code list.	<b>C</b> an..3	<b>X</b>
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	<b>C</b> an..3	<b>X</b>



<b>C108</b>	<b>TEXT LITERAL</b>	<b>C</b>	<b>X</b>
	Free text; one to five lines.		
<b>4440</b>	<b>Free text</b>	<b>M an..70</b>	<b>X</b>
	Free text field available to the message sender for information.		
<b>4440</b>	<b>Free text</b>	<b>C an..70</b>	<b>X</b>
	Free text field available to the message sender for information.		
<b>4440</b>	<b>Free text</b>	<b>C an..70</b>	<b>X</b>
	Free text field available to the message sender for information.		
<b>4440</b>	<b>Free text</b>	<b>C an..70</b>	<b>X</b>
	Free text field available to the message sender for information.		
<b>4440</b>	<b>Free text</b>	<b>C an..70</b>	<b>X</b>
	Free text field available to the message sender for information.		
<b>3453</b>	<b>LANGUAGE, CODED</b>	<b>C an..3</b>	<b>X</b>
	Code of language (ISO 639-1988).		
<b>4447</b>	<b>TEXT FORMATTING, CODED</b>	<b>C an..3</b>	<b>X</b>
	Code specifying the formatting parameters for the text.		



**Segment:** **FTX** Free Text  
**Position:** 0040  
**Group:**  
**Level:** 0  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** To provide free form or coded text information.

**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4451		<b>TEXT SUBJECT QUALIFIER</b> Code specifying subject of a free text. <i>ACB Additional information</i>	M an..3	M
4453		<b>TEXT FUNCTION, CODED</b> Code specifying the purpose of the text.	C an..3	X
C107		<b>TEXT REFERENCE</b> Coded reference to a standard text and its source.	C	X
	4441	<b>Free text identification</b> Free text in coded form.	M an..17	X
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X
C108		<b>TEXT LITERAL</b> Free text; one to five lines.	C	R
	4440	<b>Free text</b> Free text field available to the message sender for information. <i>DGN REMARKS GENERAL O</i>	M an..70	M
	4440	<b>Free text</b> Free text field available to the message sender for information.	C an..70	O
	4440	<b>Free text</b> Free text field available to the message sender for information.	C an..70	O
	4440	<b>Free text</b> Free text field available to the message sender for information.	C an..70	O
	4440	<b>Free text</b> Free text field available to the message sender for information.	C an..70	O
3453		<b>LANGUAGE, CODED</b> Code of language (ISO 639-1988).	C an..3	X
4447		<b>TEXT FORMATTING, CODED</b> Code specifying the formatting parameters for the text.	C an..3	X





**Segment:** **FTX** Free Text  
**Position:** 0040  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Dependent)  
**Max Use:** 2  
**Purpose:** To provide free form or coded text information.  
**Dependency Notes:**  
**Business Rules:** 1. If TankerNotanker EQ '89T', then set Usage to 'Used'

Data Element Summary				
Data	Component		Base	User
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
4451		<b>TEXT SUBJECT QUALIFIER</b> Code specifying subject of a free text.	M an..3	M
		<i>MAIN VESSEL CERTIFICATE/FITNESS AVAILABLE INDICATOR</i>		O
		<i>MAIN VESSEL CERTIFICATE/FITNESS STOWAGE INDICATOR</i>		O
		<i>COF</i> <i>Certificate of Fitness available</i>		
		<i>COS</i> <i>Certificate of Fitness Stowage</i>		
4453		<b>TEXT FUNCTION, CODED</b> Code specifying the purpose of the text.	C an..3	X
C107		<b>TEXT REFERENCE</b> Coded reference to a standard text and its source.	C	X
	4441	<b>Free text identification</b> Free text in coded form.	M an..17	X
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X
C108		<b>TEXT LITERAL</b> Free text; one to five lines.	C	X
	4440	<b>Free text</b> Free text field available to the message sender for information.	M an..70	X
	4440	<b>Free text</b> Free text field available to the message sender for information.	C an..70	X
	4440	<b>Free text</b> Free text field available to the message sender for information.	C an..70	X
	4440	<b>Free text</b> Free text field available to the message sender for information.	C an..70	X
	4440	<b>Free text</b> Free text field available to the message sender for information.	C an..70	X
3453		<b>LANGUAGE, CODED</b> Code of language (ISO 639-1988).	C an..3	X
4447		<b>TEXT FORMATTING, CODED</b> Code specifying the formatting parameters for the text.	C an..3	X



**Segment:** **HAN** Handling Instructions  
**Position:** 0050  
**Group:**  
**Level:** 0  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to report a handling operation to be taken on the hazardous cargo. (Some ports oblige the agents to report only one handling operation of hazardous cargo per IFTDGN message).

**Dependency Notes:****Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C524		<b>HANDLING INSTRUCTIONS</b> Instruction for the handling of goods, products or articles in shipment, storage etc.	C	R
	4079	<b>Handling instructions, coded</b> Identification of the instructions on how specified goods, packages or containers should be handled. <b>Business Rules:</b> Variable Name: HandlingAction 1. If HandlingActionConsign DOESN'T EXIST, then set Usage to 'Must Use' <i>GOODS HANDLING INFO CODED C</i> <i>Remarks for HAN segment on message level in exceptional situation:</i> <i>In the Port of Antwerp two additional codes may need to be used (namely for the case that one party acts both as forwarder and as carrier's agent (NAD with qualifier for Both)):</i> <i>C DO Discharge/on-carriage</i> <i>C PL Pre-carriage/load</i>  <i>CTC Cargo Tank Cleaning</i> <i>Indication that the residues of cargo in the tank(s) will be removed during the visit of the vessel or in general the means of transport.</i> <i>The residues will be specified as a 'normal' consignment.</i>  <i>LDI Discharge action</i> <i>LLO Load action</i> <i>RES Re-stow</i> <i>Indication that the cargo will be or is re-stowed in the same vessel or in general in the same means of transport.</i>  <i>T In Transit action</i> <i>TSP Transportation in the same port</i> <i>Indication that the cargo will be or is transported in the same port area.</i>	C an..3	D
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X
	4078	<b>Handling instructions</b> Instructions on how specified goods, packages or containers should be handled.	C an..70	X
C218		<b>HAZARDOUS MATERIAL</b> To specify a hazardous material.	C	X
	7419	<b>Hazardous material class code, identification</b> Code specifying the kind of hazard for a material.	C an..4	X
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X
	7418	<b>Hazardous material class</b> To specify the kind of hazard for a material.	C an..35	X



**Group:** **RFF** Segment Group 1: Reference  
**Position:** 0060  
**Group:**  
**Level:** 1  
**Usage:** Optional (Dependent)  
**Max Use:** 3  
**Purpose:** A group of segments to specify a reference relating to the whole message and its date and time.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	0070	RFF	Reference	M	1	
O	0070	RFF	Reference	C	1	



**Segment:** **RFF** Reference  
**Position:** 0070 (Trigger Segment)  
**Group:** SG1  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify a reference.  
**Dependency Notes:**  
**Business Rules:** 1. If MessageFunction NE '9', then set Usage to 'Must Use'

## Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes
C506		<b>REFERENCE</b> Identification of a reference.	<b>M</b>	<b>M</b>
	<b>1153</b>	<b>Reference qualifier</b> Code giving specific meaning to a reference segment or a reference number. <i>ACW</i> <i>Reference number to previous message</i> <i>Reference number assigned to the message which was previously issued (e.g. in the case of a cancellation, the primary reference of the message to be cancelled will be quoted in this element).</i>	<b>M an..3</b>	<b>M</b>
	<b>1154</b>	<b>Reference number</b> Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier. <b>Business Rules:</b> 1. If MessageFunction NE '9', then set Usage to 'Must Use' <i>MESSAGE CHANGE REFERENCE PREVIOUS MESSAGE</i> <i>C</i>	<b>C an..35</b>	<b>R</b>
	<b>1156</b>	<b>Line number</b> Number of the line in the document/message referenced in 1154 Reference number.	<b>C an..6</b>	<b>X</b>
	<b>4000</b>	<b>Reference version number</b> To uniquely identify a reference by its version number.	<b>C an..35</b>	<b>X</b>
	<b>1060</b>	<b>Revision number</b> To specify a revision number.	<b>C an..6</b>	<b>X</b>



**Segment:** **RFF** Reference  
**Position:** 0070  
**Group:** SG1  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** To specify a reference.  
**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		<b>REFERENCE</b>	<b>M</b>	<b>M</b>
		Identification of a reference.		
	<b>1153</b>	<b>Reference qualifier</b>	<b>M an..3</b>	<b>M</b>
		Code giving specific meaning to a reference segment or a reference number.		
		<i>AAY Carrier's agent reference number</i>		
		<i>Reference number assigned by the carriers agent to a transaction.</i>		
		<i>ALG Dangerous goods security number</i>		
		<i>Reference number allocated by an authority in order to control the dangerous goods on board of a specific means of transport for dangerous goods security purposes.</i>		
		<i>FF Freight forwarder's reference number</i>		
		<i>[1460] Reference number assigned to the consignment by the freight forwarder.</i>		
		<i>In the context of this message 'consignment' is to be read as 'this message' (being a collection of consignments).</i>		
	<b>1154</b>	<b>Reference number</b>	<b>C an..35</b>	<b>R</b>
		Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.		
		<i>DGN REFERENCE FORWARDER O</i>		
		<i>DGN REFERENCE OCEAN CARRIER AGENT O</i>		
		<i>DGN SECURITY FILE REFERENCE O</i>		
	<b>1156</b>	<b>Line number</b>	<b>C an..6</b>	<b>X</b>
		Number of the line in the document/message referenced in 1154 Reference number.		
	<b>4000</b>	<b>Reference version number</b>	<b>C an..35</b>	<b>X</b>
		To uniquely identify a reference by its version number.		
	<b>1060</b>	<b>Revision number</b>	<b>C an..6</b>	<b>X</b>
		To specify a revision number.		



**Group:** **TDT** **Segment Group 2: Details of Transport**  
**Position:** 0090  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A group of segments to indicate the details of the movement of goods such as means of transport, locations, arrival date/times. The following conditions apply: 1 This group should be completed when the IFTDGN relates to a seagoing vessel. 2 This group is not necessarily used when the IFTDGN does not relate to a seagoing vessel.

#### Segment Summary

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	0100	TDT	Details of Transport	M	1	
O	0110	RFF	Reference	C	1	
O	0110	RFF	Reference	C	8	
O	0120	LOC	Place/Location Identification	C	10	
D	0130	DTM	Date/Time/Period	C	1	
O	0130	DTM	Date/Time/Period	C	1	



**Segment:** **TDT** **Details of Transport**  
**Position:** 0100 (Trigger Segment)  
**Group:** SG2  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to indicate the transport information related to the visit of a means of transport in the port. The transport details to be specified: - Main transport

**Dependency Notes:**

Data Element Summary				
Data	Component		Base	User
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
8051		<b>TRANSPORT STAGE QUALIFIER</b> Qualifier giving a specific meaning to the transport details. 20 <i>Main-carriage transport</i> <i>The primary stage in the movement of cargo from the point of origin to the intended destination.</i>	M an..3	M
8028		<b>CONVEYANCE REFERENCE NUMBER</b> Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term). <i>MAIN OCEAN VOYAGE REF O</i>	C an..17	O
C220		<b>MODE OF TRANSPORT</b> Method of transport code or name. Code preferred.	C	R
	8067	<b>Mode of transport, coded</b> Coded method of transport used for the carriage of the goods. <b>Business Rules:</b> Variable Name:TransportMode 1 <i>Maritime transport</i> 2 <i>Rail transport</i> 3 <i>Road transport</i> 8 <i>Inland water transport</i>	C an..3	R
	8066	<b>Mode of transport</b> Method of transport used for the carriage of the goods.	C an..17	X
C228		<b>TRANSPORT MEANS</b> Code and/or name identifying the type of means of transport.	C	O
	8179	<b>Type of means of transport identification</b> Code defining the type of the means of transport being utilized. <i>MAIN VESSEL TYPE CODED O</i>	C an..8	O
	8178	<b>Type of means of transport</b> Description of the type of the means of transport being utilized. <i>MAIN VESSEL TYPE DESCR O</i>	C an..17	O
C040		<b>CARRIER</b> Identification of a carrier by code and/or by name. Code preferred.	C	X
	3127	<b>Carrier identification</b> Identification of party undertaking or arranging transport of goods between named points.	C an..17	X
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X
	3128	<b>Carrier name</b> Name of party undertaking or arranging transport of goods between named points.	C an..35	X
8101		<b>TRANSIT DIRECTION, CODED</b> Identification of the point of origin and point of direction.	C an..3	X
C401		<b>EXCESS TRANSPORTATION INFORMATION</b> To provide details of reason for, and responsibility for, use of transportation other than normally utilized.	C	X
	8457	<b>Excess transportation reason, coded</b> Indication of reason for excess transportation.	M an..3	X
	8459	<b>Excess transportation responsibility, coded</b> Indication of responsibility for excess transportation.	M an..3	X



C222	7130	<b>Customer authorization number</b>	C	an..17	X
		Customer provided authorization number to allow supplier to ship goods under specific freight conditions. This number will be transmitted back to customer in the dispatch advice message.			
		<b>TRANSPORT IDENTIFICATION</b>	C		O
		Code and/or name identifying the means of transport.			
	8213	<b>Id. of means of transport identification</b>	C	an..9	D
		Identification of the means of transport by name or number.			
		<b>Business Rules:</b>			
		1. If TransportMode EQ '1', then set Usage to 'Must Use'			
		<i>MAIN VESSEL ID LRN</i> C			
	1131	<b>Code list qualifier</b>	C	an..3	X
		Identification of a code list.			
	3055	<b>Code list responsible agency, coded</b>	C	an..3	X
		Code identifying the agency responsible for a code list.			
	8212	<b>Id. of the means of transport</b>	C	an..35	D
		Identification of the means of transport by name or number.			
		<b>Business Rules:</b>			
		1. If TransportMode EQ '1', then set Usage to 'Must Use'			
		<i>MAIN VESSEL NAME</i> C			
	8453	<b>Nationality of means of transport, coded</b>	C	an..3	D
		Coded name of the country in which a means of transport is registered.			
		<b>Business Rules:</b>			
		1. If TransportMode EQ '1', then set Usage to 'Must Use'			
		<i>MAIN VESSEL NATIONALITY CODED</i> C			
8281		<b>TRANSPORT OWNERSHIP, CODED</b>	C	an..3	X
		Code indicating the ownership of the means of transport.			





**Segment:** **RFF** Reference

**Position:** 0110

**Group:** SG2

**Level:** 2

**Usage:** Conditional (Optional)

**Max Use:** 1

**Purpose:** A segment to indicate the transport licence reference number(s) of the main transport.

**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		<b>REFERENCE</b>	<b>M</b>	<b>M</b>
		Identification of a reference.		
	<b>1153</b>	<b>Reference qualifier</b>	<b>M an..3</b>	<b>M</b>
		Code giving specific meaning to a reference segment or a reference number.		
		<i>VM Vessel identification (8123) Reference identifying a vessel (UN/ECE Recommendation No 10).</i>		
		<i>Note: The reference to UN Rec 10 identifies that the reference number is the code identifying the vessel according to International Telecommunication Union's (ITU's) Radio Call Sign (RCS) for the vessel.</i>		
	<b>1154</b>	<b>Reference number</b>	<b>C an..35</b>	<b>D</b>
		Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.		
		<b>Business Rules:</b>		
		1. If TransportMode EQ '1', then set Usage to 'Must Use'		
		<i>MAIN VESSEL ID RCS C</i>		
	<b>1156</b>	<b>Line number</b>	<b>C an..6</b>	<b>X</b>
		Number of the line in the document/message referenced in 1154 Reference number.		
	<b>4000</b>	<b>Reference version number</b>	<b>C an..35</b>	<b>X</b>
		To uniquely identify a reference by its version number.		
	<b>1060</b>	<b>Revision number</b>	<b>C an..6</b>	<b>X</b>
		To specify a revision number.		



**Segment:** **RFF** Reference

**Position:** 0110

**Group:** SG2

**Level:** 2

**Usage:** Conditional (Optional)

**Max Use:** 8

**Purpose:** A segment to indicate the transport licence reference number(s) of the main transport.

**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		<b>REFERENCE</b>	<b>M</b>	<b>M</b>
		Identification of a reference.		
	<b>1153</b>	<b>Reference qualifier</b>	<b>M an..3</b>	<b>M</b>
		Code giving specific meaning to a reference segment or a reference number.		
		<i>ALH Dangerous goods transport licence number</i>		
		<i>Licence number allocated by an authority as to the permission of carrying dangerous goods by a specific means of transport.</i>		
		<i>SSX Ship's stay reference</i>		
		<i>Reference number assigned by the authority in the port to a certain call of the vessel in that port.</i>		
		<i>Reference number assigned by the authority in the port to a certain call of the vessel in that port.</i>		
		<i>VON Voyage number</i>		
		<i>[8228] Reference number assigned by the carrier or his agent to the voyage of the vessel.</i>		
		<i>Carrier agents voyage number if different from Carrier voyage number in TDT 8028.</i>		
	<b>1154</b>	<b>Reference number</b>	<b>C an..35</b>	<b>R</b>
		Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.		
		<i>MAIN OCEAN SHIP'S STAY REFERENCE O</i>		
		<i>MAIN VESSEL TRANSPORT LICENSE NUMBER O</i>		
		<i>MAIN VESSEL VOYAGE REF ALTERNATIVE O</i>		
	<b>1156</b>	<b>Line number</b>	<b>C an..6</b>	<b>X</b>
		Number of the line in the document/message referenced in 1154 Reference number.		
	<b>4000</b>	<b>Reference version number</b>	<b>C an..35</b>	<b>X</b>
		To uniquely identify a reference by its version number.		
	<b>1060</b>	<b>Revision number</b>	<b>C an..6</b>	<b>X</b>
		To specify a revision number.		



**Segment:** **LOC** **Place/Location Identification**  
**Position:** 0120  
**Group:** SG2  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 10  
**Purpose:** A segment to indicate locations related to the arrival of the means of transport. The location to be qualified: - Berth (maximum number of repeats: 8 times) - Port of origin - Location of goods NOTE: The sequence of the berths is implicit by the sequence of the Berth-qualified LOC segments.

**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3227		<b>PLACE/LOCATION QUALIFIER</b>	<b>M an..3</b>	<b>M</b>
		Code identifying the function of a location.		
		61 Next port of call		
		153 Next port which the vessel is going to call upon.		
		153 Port of call		
C517	3225	POO Place of origin		
		Place or port where a means of transport started its journey/conveyance.		
		<b>LOCATION IDENTIFICATION</b>	<b>C</b>	<b>R</b>
		Identification of a location by code or name.		
		<b>Place/location identification</b>	<b>C an..25</b>	<b>O</b>
		Identification of the name of place/location, other than 3164 City name.		
		MAIN VESSEL POC O		
		MAIN VESSEL PLACE/CALL NEXT CODED O		
		MAIN VESSEL PLACE/START CODED O		
		Note: Use UN/ECE Recommendation No. 16: UNLOCODE.		
		1131 <b>Code list qualifier</b>	<b>C an..3</b>	<b>X</b>
		Identification of a code list.		
C519	3055	<b>Code list responsible agency, coded</b>	<b>C an..3</b>	<b>X</b>
		Code identifying the agency responsible for a code list.		
		3224 <b>Place/location</b>	<b>C an..70</b>	<b>O</b>
		Name of place/location, other than 3164 City name.		
		MAIN VESSEL PLACE/CALL NEXT NAME O		
		MAIN VESSEL PLACE/START NAME O		
		<b>RELATED LOCATION ONE IDENTIFICATION</b>	<b>C</b>	<b>O</b>
		Identification of the first related location by code or name.		
		3223 <b>Related place/location one identification</b>	<b>C an..25</b>	<b>O</b>
		Specification of the first related place/location by code.		
		MAIN VESSEL POC BERTH CODED O		
		Note: Use locally agreed code list for berth.		
C553	1131	<b>Code list qualifier</b>	<b>C an..3</b>	<b>X</b>
		Identification of a code list.		
		3055 <b>Code list responsible agency, coded</b>	<b>C an..3</b>	<b>X</b>
		Code identifying the agency responsible for a code list.		
		3222 <b>Related place/location one</b>	<b>C an..70</b>	<b>O</b>
		Specification of the first related place/location by name.		
		MAIN VESSEL POC BERTH NAME O		
		<b>RELATED LOCATION TWO IDENTIFICATION</b>	<b>C</b>	<b>O</b>
		Identification of second related location by code or name.		
		3233 <b>Related place/location two identification</b>	<b>C an..25</b>	<b>O</b>
		Specification of a second related place/location by code.		
		MAIN VESSEL POC BERTH JETTY NR O		



<i>Note: Use locally agreed code list.</i>				
<b>1131</b>	<b>Code list qualifier</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
	Identification of a code list.			
<b>3055</b>	<b>Code list responsible agency, coded</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
	Code identifying the agency responsible for a code list.			
<b>3232</b>	<b>Related place/location two</b>	<b>C</b>	<b>an..70</b>	<b>X</b>
	Specification of a second related place/location by name.			
<b>5479</b>	<b>RELATION, CODED</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
	To specify the relationship between two or more items.			



**Segment:** **DTM** Date/Time/Period  
**Position:** 0130  
**Group:** SG2  
**Level:** 2  
**Usage:** Conditional (Dependent)  
**Max Use:** 1  
**Purpose:** A segment to indicate expected time and date of arrival and departure. The date/time to be qualified: - Estimated date/time of arrival - Estimated date/time of departure

**Dependency Notes:**

**Business Rules:** 1. If TransportMode EQ '1', then set Usage to 'Must Use'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		<b>DATE/TIME/PERIOD</b> Date and/or time, or period relevant to the specified date/time/period type.	<b>M</b>	<b>M</b>
	<b>2005</b>	<b>Date/time/period qualifier</b> Code giving specific meaning to a date, time or period. 132 <i>Arrival date/time, estimated</i> (2348) <i>Date/time when carrier estimates that a means of transport should arrive at the port of discharge or place of destination.</i>	<b>M an..3</b>	<b>M</b>
	<b>2380</b>	<b>Date/time/period</b> The value of a date, a date and time, a time or of a period in a specified representation. <i>MAIN VESSEL D/T ETA POC C</i> - <i>Date/times are specified in local time.</i>	<b>C an..35</b>	<b>R</b>
	<b>2379</b>	<b>Date/time/period format qualifier</b> Specification of the representation of a date, a date and time or of a period. 102 <i>CCYYMMDD</i> <i>Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.</i> 203 <i>CCYYMMDDHHMM</i> <i>Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.</i>	<b>C an..3</b>	<b>R</b>



**Segment:** **DTM** Date/Time/Period  
**Position:** 0130  
**Group:** SG2  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to indicate expected time and date of arrival and departure. The date/time to be qualified: - Estimated date/time of arrival - Estimated date/time of departure

**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		<b>DATE/TIME/PERIOD</b>	<b>M</b>	<b>M</b>
		Date and/or time, or period relevant to the specified date/time/period type.		
	<b>2005</b>	<b>Date/time/period qualifier</b>	<b>M an..3</b>	<b>M</b>
		Code giving specific meaning to a date, time or period.		
		<i>133</i> <i>Departure date/time, estimated</i> <i>Date/time when carrier estimates that a means of transport should depart at the place of departure.</i>		
	<b>2380</b>	<b>Date/time/period</b>	<b>C an..35</b>	<b>R</b>
		The value of a date, a date and time, a time or of a period in a specified representation.		
		<i>MAIN VESSEL D/T ETD POC O</i>		
	<b>2379</b>	<b>Date/time/period format qualifier</b>	<b>C an..3</b>	<b>R</b>
		Specification of the representation of a date, a date and time or of a period.		
		<i>102</i> <i>CCYYMMDD</i> <i>Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.</i>		
		<i>203</i> <i>CCYYMMDDHHMM</i> <i>Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.</i>		



**Group:** **NAD** Segment Group 3: Name and Address  
**Position:** 0140  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A group of segments to identify a party relevant to the entire message, and its related contacts.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0150	NAD	Name and Address	M	1	
	0160		Segment Group 4: Contact Information	C		2



**Segment:** **NAD** Name and Address  
**Position:** 0150 (Trigger Segment)  
**Group:** SG3  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a party's name, address and function relevant to the entire message. The functions to be qualified: - Carrier - either Carrier's agent or Freight forwarder  
 Remark: the place of this segment group in the message is derived from the single consignment based (IFTMxx) messages (and not the IFCSUM message). e.g.: Message recipient, Message sender, Acknowledgement recipient, Notify party (in case of calamity).

#### Dependency Notes:

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3035		<b>PARTY QUALIFIER</b> Code giving specific meaning to a party. <i>MS Document/message issuer/sender</i> <i>Issuer of a document and/or sender of a message.</i>	M an..3	M
C082		<b>PARTY IDENTIFICATION DETAILS</b> Identification of a transaction party by code.	C	R
	3039	<b>Party identification</b> Code identifying a party involved in a transaction. <i>MESSAGE SENDER ID M</i>	C an..35	R
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X
C058		<b>NAME AND ADDRESS</b> Unstructured name and address: one to five lines.	C	O
	3124	<b>Name and address line</b> Free form name and address description. <i>MESSAGE SENDER NAME &amp; ADDR, etc. C</i>	M an..35	M
	3124	<b>Name and address line</b> Free form name and address description.	C an..35	O
	3124	<b>Name and address line</b> Free form name and address description.	C an..35	O
	3124	<b>Name and address line</b> Free form name and address description.	C an..35	O
	3124	<b>Name and address line</b> Free form name and address description.	C an..35	O
C080		<b>PARTY NAME</b> Identification of a transaction party by name, one to five lines. Party name may be formatted.	C	O
	3036	<b>Party name</b> Name of a party involved in a transaction.	M an..35	M
	3036	<b>Party name</b> Name of a party involved in a transaction.	C an..35	O
	3036	<b>Party name</b> Name of a party involved in a transaction.	C an..35	O
	3036	<b>Party name</b> Name of a party involved in a transaction.	C an..35	O
	3036	<b>Party name</b> Name of a party involved in a transaction.	C an..35	O
	3045	<b>Party name format, coded</b> Specification of the representation of a party name.	C an..3	O
C059		<b>STREET</b> Street address and/or PO Box number in a structured address: one to four lines.	C	O





	<b>3042</b>	<b>Street and number/p.o. box</b>	<b>M</b>	<b>an..35</b>	<b>M</b>
		Street and number in plain language, or Post Office Box No.			
	<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Street and number in plain language, or Post Office Box No.			
	<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Street and number in plain language, or Post Office Box No.			
	<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Street and number in plain language, or Post Office Box No.			
<b>3164</b>		<b>CITY NAME</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Name of a city (a town, a village) for addressing purposes.			
<b>3229</b>		<b>COUNTRY SUB-ENTITY IDENTIFICATION</b>	<b>C</b>	<b>an..9</b>	<b>O</b>
		Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.			
<b>3251</b>		<b>POSTCODE IDENTIFICATION</b>	<b>C</b>	<b>an..9</b>	<b>O</b>
		Code defining postal zones or addresses.			
<b>3207</b>		<b>COUNTRY, CODED</b>	<b>C</b>	<b>an..3</b>	<b>O</b>
		Identification of the name of a country or other geographical entity as specified in ISO 3166.			



**Group:** **CTA** **Segment Group 4: Contact Information**  
**Position:** 0160  
**Group:** Segment Group 3 (Name and Address)      Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A group of segments identifying a contact and its communications related to the party, e.g. to whom an acknowledgement is to be sent or who is to be contacted in case of a calamity.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0170	CTA	Contact Information	M	1	
O	0180	COM	Communication Contact	C	3	



**Segment:** **CTA** **Contact Information**  
**Position:** 0170 (Trigger Segment)  
**Group:** SG3-SG4  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a person or department within a party.

**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3139		<b>CONTACT FUNCTION, CODED</b> Code specifying the function of a contact (e.g. department or person). <i>IC Information contact</i> <i>Department/person to contact for questions regarding transactions.</i>	C an..3	R
C056		<b>DEPARTMENT OR EMPLOYEE DETAILS</b> Code and/or name of a department or employee. Code preferred.	C	R
	3413	<b>Department or employee identification</b> Internal identification code.	C an..17	O
	3412	<b>Department or employee</b> The department or person within an organizational entity.	C an..35	O
MESSAGE SENDER CONTACT NAME O				



**Segment:** **COM** Communication Contact  
**Position:** 0180  
**Group:** SG3-SG4  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 3  
**Purpose:** A segment to identify a communication number of a person or department to whom communication should be directed, e.g. e-mail number, telefax number, telephone number.

#### Dependency Notes:

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C076		<b>COMMUNICATION CONTACT</b>	<b>M</b>	<b>M</b>
		Communication number of a department or employee in a specified channel.		
	<b>3148</b>	<b>Communication number</b>	<b>M an..512</b>	<b>M</b>
		The communication number.		
		<i>MESSAGE SENDER CONTACT PHONE/FAX/EMAIL</i>	<i>O</i>	
		<i>No spaces or hyphens allowed.</i>		
	<b>3155</b>	<b>Communication channel qualifier</b>	<b>M an..3</b>	<b>M</b>
		Code identifying the type of communication channel being used.		
		<i>EI</i>	<i>EDI transmission</i>	
			<i>Number identifying the service and service user.</i>	
		<i>FX</i>	<i>Telefax</i>	
			<i>Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media.</i>	
		<i>TE</i>	<i>Telephone</i>	
			<i>Voice/data transmission by telephone.</i>	



**Group:** **NAD** Segment Group 3: Name and Address  
**Position:** 0140  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A group of segments to identify a party relevant to the entire message, and its related contacts.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0150	NAD	Name and Address	M	1	
	0160		Segment Group 4: Contact Information	C		2



**Segment:** **NAD** Name and Address  
**Position:** 0150 (Trigger Segment)  
**Group:** SG3  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a party's name, address and function relevant to the entire message. The functions to be qualified: - Carrier - either Carrier's agent or Freight forwarder  
 Remark: the place of this segment group in the message is derived from the single consignment based (IFTMxx) messages (and not the IFCSUM message). e.g.: Message recipient, Message sender, Acknowledgement recipient, Notify party (in case of calamity).

**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3035		<b>PARTY QUALIFIER</b> Code giving specific meaning to a party. <i>MR Message recipient</i>	M an..3	M
C082		<b>PARTY IDENTIFICATION DETAILS</b> Identification of a transaction party by code.	C	R
	3039	<b>Party identification</b> Code identifying a party involved in a transaction. <i>MESSAGE RECIPIENT ID M</i>	C an..35	R
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X
C058		<b>NAME AND ADDRESS</b> Unstructured name and address: one to five lines.	C	O
	3124	<b>Name and address line</b> Free form name and address description. <i>MESSAGE RECIPIENT NAME &amp; ADDRESS, etc. C</i>	M an..35	M
	3124	<b>Name and address line</b> Free form name and address description.	C an..35	O
	3124	<b>Name and address line</b> Free form name and address description.	C an..35	O
	3124	<b>Name and address line</b> Free form name and address description.	C an..35	O
	3124	<b>Name and address line</b> Free form name and address description.	C an..35	O
C080		<b>PARTY NAME</b> Identification of a transaction party by name, one to five lines. Party name may be formatted.	C	O
	3036	<b>Party name</b> Name of a party involved in a transaction.	M an..35	M
	3036	<b>Party name</b> Name of a party involved in a transaction.	C an..35	O
	3036	<b>Party name</b> Name of a party involved in a transaction.	C an..35	O
	3036	<b>Party name</b> Name of a party involved in a transaction.	C an..35	O
	3036	<b>Party name</b> Name of a party involved in a transaction.	C an..35	O
	3045	<b>Party name format, coded</b> Specification of the representation of a party name.	C an..3	O
C059		<b>STREET</b> Street address and/or PO Box number in a structured address: one to four lines.	C	O
	3042	<b>Street and number/p.o. box</b>	M an..35	M



	Street and number in plain language, or Post Office Box No.			
<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
	Street and number in plain language, or Post Office Box No.			
<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
	Street and number in plain language, or Post Office Box No.			
<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
	Street and number in plain language, or Post Office Box No.			
<b>3164</b>	<b>CITY NAME</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
	Name of a city (a town, a village) for addressing purposes.			
<b>3229</b>	<b>COUNTRY SUB-ENTITY IDENTIFICATION</b>	<b>C</b>	<b>an..9</b>	<b>O</b>
	Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.			
<b>3251</b>	<b>POSTCODE IDENTIFICATION</b>	<b>C</b>	<b>an..9</b>	<b>O</b>
	Code defining postal zones or addresses.			
<b>3207</b>	<b>COUNTRY, CODED</b>	<b>C</b>	<b>an..3</b>	<b>O</b>
	Identification of the name of a country or other geographical entity as specified in ISO 3166.			



**Group:** **CTA** **Segment Group 4: Contact Information**  
**Position:** 0160  
**Group:** Segment Group 3 (Name and Address)      Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A group of segments identifying a contact and its communications related to the party, e.g. to whom an acknowledgement is to be sent or who is to be contacted in case of a calamity.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0170	CTA	Contact Information	M	1	
O	0180	COM	Communication Contact	C	3	





**Segment:** **CTA** **Contact Information**  
**Position:** 0170 (Trigger Segment)  
**Group:** SG3-SG4  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a person or department within a party.

**Dependency Notes:**

Data Element Summary				
<u>Data</u> <u>Element</u>	<u>Component</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
3139		<b>CONTACT FUNCTION, CODED</b> Code specifying the function of a contact (e.g. department or person). <i>IC Information contact</i> <i>Department/person to contact for questions regarding transactions.</i>	<b>C an..3</b>	<b>R</b>
C056		<b>DEPARTMENT OR EMPLOYEE DETAILS</b> Code and/or name of a department or employee. Code preferred.	<b>C</b>	<b>R</b>
	3413	<b>Department or employee identification</b> Internal identification code.	<b>C an..17</b>	<b>O</b>
	3412	<b>Department or employee</b> The department or person within an organizational entity.	<b>C an..35</b>	<b>O</b>
		<i>MESSAGE RECIPIENT CONTACT NAME</i>	<i>O</i>	



**Segment:** **COM** **Communication Contact**  
**Position:** 0180  
**Group:** SG3-SG4  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 3  
**Purpose:** A segment to identify a communication number of a person or department to whom communication should be directed, e.g. e-mail number, telefax number, telephone number.

**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C076		<b>COMMUNICATION CONTACT</b>	<b>M</b>	<b>M</b>
		Communication number of a department or employee in a specified channel.		
	<b>3148</b>	<b>Communication number</b>	<b>M an..512</b>	<b>M</b>
		The communication number.		
		MESSAGE RECIPIENT CONTACT PHONE/FAX/EMAIL	O	
No spaces or hyphens allowed.				
	<b>3155</b>	<b>Communication channel qualifier</b>	<b>M an..3</b>	<b>M</b>
		Code identifying the type of communication channel being used.		
		<i>EI</i> <i>EDI transmission</i>		
		<i>FX</i> <i>Number identifying the service and service user.</i>		
		<i>Telefax</i>		
		<i>Device used for transmitting and reproducing fixed graphic material</i>		
		<i>(as printing) by means of signals over telephone lines or other</i>		
		<i>electronic transmission media.</i>		
		<i>TE</i> <i>Telephone</i>		
		<i>Voice/data transmission by telephone.</i>		



**Group:** **NAD** Segment Group 3: Name and Address  
**Position:** 0140  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A group of segments to identify a party relevant to the entire message, and its related contacts.

Segment Summary						
	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u>	Req. <u>Des.</u>	Max. <u>Use</u>	Group: <u>Repeat</u>
M	0150	NAD	Name and Address	M	1	
	0160		Segment Group 4: Contact Information	C		2



**Segment:** **NAD** Name and Address  
**Position:** 0150 (Trigger Segment)  
**Group:** SG3  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a party's name, address and function relevant to the entire message. The functions to be qualified: - Carrier - either Carrier's agent or Freight forwarder  
 Remark: the place of this segment group in the message is derived from the single consignment based (IFTMxx) messages (and not the IFCSUM message). e.g.: Message recipient, Message sender, Acknowledgement recipient, Notify party (in case of calamity).

#### Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
3035		<b>PARTY QUALIFIER</b> Code giving specific meaning to a party. <i>CG</i> <i>Carrier's agent</i> <i>Party authorized to act for or on behalf of carrier.</i>	M an..3	M
C082		<b>PARTY IDENTIFICATION DETAILS</b> Identification of a transaction party by code.	C	R
	3039	<b>Party identification</b> Code identifying a party involved in a transaction. <i>MAIN OCEAN CARRIER AGENT ID</i> M	C an..35	R
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X
C058		<b>NAME AND ADDRESS</b> Unstructured name and address: one to five lines.	C	O
	3124	<b>Name and address line</b> Free form name and address description. <i>MAIN OCEAN CARRIER AGENT NAME and ADDRESS, etc.</i> C	M an..35	M
	3124	<b>Name and address line</b> Free form name and address description.	C an..35	O
	3124	<b>Name and address line</b> Free form name and address description.	C an..35	O
	3124	<b>Name and address line</b> Free form name and address description.	C an..35	O
	3124	<b>Name and address line</b> Free form name and address description.	C an..35	O
C080		<b>PARTY NAME</b> Identification of a transaction party by name, one to five lines. Party name may be formatted.	C	O
	3036	<b>Party name</b> Name of a party involved in a transaction.	M an..35	M
	3036	<b>Party name</b> Name of a party involved in a transaction.	C an..35	O
	3036	<b>Party name</b> Name of a party involved in a transaction.	C an..35	O
	3036	<b>Party name</b> Name of a party involved in a transaction.	C an..35	O
	3036	<b>Party name</b> Name of a party involved in a transaction.	C an..35	O
	3045	<b>Party name format, coded</b> Specification of the representation of a party name.	C an..3	O
C059		<b>STREET</b> Street address and/or PO Box number in a structured address: one to four lines.	C	O



<b>3042</b>	<b>Street and number/p.o. box</b>	<b>M</b>	<b>an..35</b>	<b>M</b>
	Street and number in plain language, or Post Office Box No.			
<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
	Street and number in plain language, or Post Office Box No.			
<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
	Street and number in plain language, or Post Office Box No.			
<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
	Street and number in plain language, or Post Office Box No.			
<b>3164</b>	<b>CITY NAME</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
	Name of a city (a town, a village) for addressing purposes.			
<b>3229</b>	<b>COUNTRY SUB-ENTITY IDENTIFICATION</b>	<b>C</b>	<b>an..9</b>	<b>O</b>
	Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.			
<b>3251</b>	<b>POSTCODE IDENTIFICATION</b>	<b>C</b>	<b>an..9</b>	<b>O</b>
	Code defining postal zones or addresses.			
<b>3207</b>	<b>COUNTRY, CODED</b>	<b>C</b>	<b>an..3</b>	<b>O</b>
	Identification of the name of a country or other geographical entity as specified in ISO 3166.			



**Group:** **CTA** **Segment Group 4: Contact Information**  
**Position:** 0160  
**Group:** Segment Group 3 (Name and Address)      Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A group of segments identifying a contact and its communications related to the party, e.g. to whom an acknowledgement is to be sent or who is to be contacted in case of a calamity.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0170	CTA	Contact Information	M	1	
O	0180	COM	Communication Contact	C	3	



**Segment:** **CTA** **Contact Information**  
**Position:** 0170 (Trigger Segment)  
**Group:** SG3-SG4  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a person or department within a party.

**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3139		<b>CONTACT FUNCTION, CODED</b> Code specifying the function of a contact (e.g. department or person). <i>IC Information contact</i>	<b>C an..3</b>	<b>R</b>
C056		<b>DEPARTMENT OR EMPLOYEE DETAILS</b> Code and/or name of a department or employee. Code preferred. <i>Department/person to contact for questions regarding transactions.</i>	<b>C</b>	<b>R</b>
	3413	<b>Department or employee identification</b> Internal identification code.	<b>C an..17</b>	<b>O</b>
	3412	<b>Department or employee</b> The department or person within an organizational entity.	<b>C an..35</b>	<b>O</b>
		<b>MAIN OCEAN CARRIER AGENT CONTACT NAME</b>	<b>O</b>	



**Segment:** **COM** **Communication Contact**  
**Position:** 0180  
**Group:** SG3-SG4  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 3  
**Purpose:** A segment to identify a communication number of a person or department to whom communication should be directed, e.g. e-mail number, telefax number, telephone number.

**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C076		<b>COMMUNICATION CONTACT</b>	<b>M</b>	<b>M</b>
		Communication number of a department or employee in a specified channel.		
	<b>3148</b>	<b>Communication number</b>	<b>M an..512</b>	<b>M</b>
		The communication number.		
		<i>MAIN OCEAN CARRIER AGENT CONTACT PHONE/FAX/EMAIL</i>		<i>O</i>
<i>No spaces or hyphens allowed.</i>				
	<b>3155</b>	<b>Communication channel qualifier</b>	<b>M an..3</b>	<b>M</b>
		Code identifying the type of communication channel being used.		
		<i>EI</i>	<i>EDI transmission</i>	
			<i>Number identifying the service and service user.</i>	
		<i>FX</i>	<i>Telefax</i>	
			<i>Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media.</i>	
		<i>TE</i>	<i>Telephone</i>	
			<i>Voice/data transmission by telephone.</i>	





**Group:** **NAD** Segment Group 3: Name and Address  
**Position:** 0140  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A group of segments to identify a party relevant to the entire message, and its related contacts.

Segment Summary					
	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u>	Req. <u>Des.</u>	Max. <u>Use</u> <u>Group:</u> <u>Repeat</u>
M	0150	NAD	Name and Address	M	1
	0160		Segment Group 4: Contact Information	C	2



**Segment:** **NAD** Name and Address  
**Position:** 0150 (Trigger Segment)  
**Group:** SG3  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a party's name, address and function relevant to the entire message. The functions to be qualified: - Carrier - either Carrier's agent or Freight forwarder  
 Remark: the place of this segment group in the message is derived from the single consignment based (IFTMxx) messages (and not the IFCSUM message). e.g.: Message recipient, Message sender, Acknowledgement recipient, Notify party (in case of calamity).

**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3035		<b>PARTY QUALIFIER</b> Code giving specific meaning to a party. <i>FU Hazardous material office</i> <i>The office responsible for providing information regarding hazardous material.</i>	M an..3	M
C082		<b>PARTY IDENTIFICATION DETAILS</b> Identification of a transaction party by code.	C	O
	3039	<b>Party identification</b> Code identifying a party involved in a transaction.	M an..35	M
		<i>EMERGENCY RESPONSE ID O</i>		
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	O
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	O
C058		<b>NAME AND ADDRESS</b> Unstructured name and address: one to five lines.	C	O
	3124	<b>Name and address line</b> Free form name and address description.	M an..35	M
		<i>EMERGENCY RESPONSE NAME &amp; ADDRESS O</i>		
	3124	<b>Name and address line</b> Free form name and address description.	C an..35	O
	3124	<b>Name and address line</b> Free form name and address description.	C an..35	O
	3124	<b>Name and address line</b> Free form name and address description.	C an..35	O
	3124	<b>Name and address line</b> Free form name and address description.	C an..35	O
C080		<b>PARTY NAME</b> Identification of a transaction party by name, one to five lines. Party name may be formatted.	C	O
	3036	<b>Party name</b> Name of a party involved in a transaction.	M an..35	M
	3036	<b>Party name</b> Name of a party involved in a transaction.	C an..35	O
	3036	<b>Party name</b> Name of a party involved in a transaction.	C an..35	O
	3036	<b>Party name</b> Name of a party involved in a transaction.	C an..35	O
	3036	<b>Party name</b> Name of a party involved in a transaction.	C an..35	O
	3045	<b>Party name format, coded</b> Specification of the representation of a party name.	C an..3	O
C059		<b>STREET</b>	C	O



	Street address and/or PO Box number in a structured address: one to four lines.			
<b>3042</b>	<b>Street and number/p.o. box</b>	<b>M</b>	<b>an..35</b>	<b>M</b>
	Street and number in plain language, or Post Office Box No.			
<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
	Street and number in plain language, or Post Office Box No.			
<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
	Street and number in plain language, or Post Office Box No.			
<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
	Street and number in plain language, or Post Office Box No.			
<b>3164</b>	<b>CITY NAME</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
	Name of a city (a town, a village) for addressing purposes.			
<b>3229</b>	<b>COUNTRY SUB-ENTITY IDENTIFICATION</b>	<b>C</b>	<b>an..9</b>	<b>O</b>
	Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.			
<b>3251</b>	<b>POSTCODE IDENTIFICATION</b>	<b>C</b>	<b>an..9</b>	<b>O</b>
	Code defining postal zones or addresses.			
<b>3207</b>	<b>COUNTRY, CODED</b>	<b>C</b>	<b>an..3</b>	<b>O</b>
	Identification of the name of a country or other geographical entity as specified in ISO 3166.			



**Group:** **CTA** **Segment Group 4: Contact Information**  
**Position:** 0160  
**Group:** Segment Group 3 (Name and Address)      Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A group of segments identifying a contact and its communications related to the party, e.g. to whom an acknowledgement is to be sent or who is to be contacted in case of a calamity.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0170	CTA	Contact Information	M	1	
O	0180	COM	Communication Contact	C	3	



**Segment:** **CTA** **Contact Information**  
**Position:** 0170 (Trigger Segment)  
**Group:** SG3-SG4  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a person or department within a party.

**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3139		<b>CONTACT FUNCTION, CODED</b> Code specifying the function of a contact (e.g. department or person). <i>HE Emergency dangerous goods contact</i> <i>Party who is to be contacted to intervene in case of emergency.</i>	C an..3	R
C056		<b>DEPARTMENT OR EMPLOYEE DETAILS</b> Code and/or name of a department or employee. Code preferred.	C	R
	3413	<b>Department or employee identification</b> Internal identification code.	C an..17	O
	3412	<b>Department or employee</b> The department or person within an organizational entity.	C an..35	O
		<i>EMERGENCY RESPONSE CONTACT NAME</i>	O	



**Segment:** **COM** **Communication Contact**  
**Position:** 0180  
**Group:** SG3-SG4  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 3  
**Purpose:** A segment to identify a communication number of a person or department to whom communication should be directed, e.g. e-mail number, telefax number, telephone number.

**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C076		<b>COMMUNICATION CONTACT</b>	<b>M</b>	<b>M</b>
		Communication number of a department or employee in a specified channel.		
	<b>3148</b>	<b>Communication number</b>	<b>M an..512</b>	<b>M</b>
		The communication number.		
		<i>EMERGENCY RESPONSE CONTACT PHONE/FAX/E-MAIL</i>	<i>O</i>	
<i>No spaces or hyphens allowed.</i>				
	<b>3155</b>	<b>Communication channel qualifier</b>	<b>M an..3</b>	<b>M</b>
		Code identifying the type of communication channel being used.		
		<i>EI</i>	<i>EDI transmission</i>	
			<i>Number identifying the service and service user.</i>	
		<i>FX</i>	<i>Telefax</i>	
			<i>Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media.</i>	
		<i>TE</i>	<i>Telephone</i>	
			<i>Voice/data transmission by telephone.</i>	



**Group:** **NAD** Segment Group 3: Name and Address  
**Position:** 0140  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 6  
**Purpose:** A group of segments to identify a party relevant to the entire message, and its related contacts.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0150	NAD	Name and Address	M	1	
	0160		Segment Group 4: Contact Information	C		2



**Segment:** **NAD** Name and Address  
**Position:** 0150 (Trigger Segment)  
**Group:** SG3  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a party's name, address and function relevant to the entire message.  
 The functions to be qualified: - Carrier - either Carrier's agent or Freight forwarder  
 Remark: the place of this segment group in the message is derived from the single consignment based (IFTMxx) messages (and not the IFCSUM message). e.g.: Message recipient, Message sender, Acknowledgement recipient, Notify party (in case of calamity).

## Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
3035		<b>PARTY QUALIFIER</b>	<b>M</b>	<b>an..3</b>
		Code giving specific meaning to a party.		
		Remark for NAD segment on message level in exceptional situation:		
		In the Port of Antwerp two parties may need to be additionally indicated:		
		DA Declaring agent		
		BO Both (Party acting both as declaring agent and as declaring forwarder)		
		AK Acknowledgement recipient		
		Party to whom acknowledgement should be sent.		
		CA Carrier		
		(3126) Party undertaking or arranging transport of goods between named points.		
C082		FW Freight forwarder		
		Party arranging forwarding of goods.		
		NI Notify party no. 1		
		<b>PARTY IDENTIFICATION DETAILS</b>	<b>C</b>	<b>O</b>
		Identification of a transaction party by code.		
3039		<b>Party identification</b>	<b>M</b>	<b>an..35</b>
		Code identifying a party involved in a transaction.		
		FORWARDER ID O		
		MAIN OCEAN CARRIER ID O		
		MESSAGE ACKNOWLEDGEMENT RECIPIENT ID O		
1131		MESSAGE NOTIFY ID O		
		<b>Code list qualifier</b>	<b>C</b>	<b>an..3</b>
		Identification of a code list.		
3055		<b>Code list responsible agency, coded</b>	<b>C</b>	<b>an..3</b>
		Code identifying the agency responsible for a code list.		
C058		<b>NAME AND ADDRESS</b>	<b>C</b>	<b>O</b>
		Unstructured name and address: one to five lines.		
		<b>3124 Name and address line</b>	<b>M</b>	<b>an..35</b>
		Free form name and address description.		
		FORWARDER NAME & ADDRESS, etc. O		
		MAIN OCEAN CARRIER NAME & ADDRESS, etc. O		
		MESSAGE ACKNOWLEDGEMENT RECIPIENT NAME & ADDRESS, etc. O		
		MESSAGE NOTIFY NAME & ADDRESS O		
		<b>3124 Name and address line</b>	<b>C</b>	<b>an..35</b>
		Free form name and address description.		
		<b>3124 Name and address line</b>	<b>C</b>	<b>an..35</b>
		Free form name and address description.		
		<b>3124 Name and address line</b>	<b>C</b>	<b>an..35</b>
		Free form name and address description.		
		<b>3124 Name and address line</b>	<b>C</b>	<b>an..35</b>
		Free form name and address description.		





<b>C080</b>	<b>PARTY NAME</b>	<b>C</b>	<b>O</b>
	Identification of a transaction party by name, one to five lines. Party name may be formatted.		
<b>3036</b>	<b>Party name</b>	<b>M an..35</b>	<b>M</b>
	Name of a party involved in a transaction.		
<b>3036</b>	<b>Party name</b>	<b>C an..35</b>	<b>O</b>
	Name of a party involved in a transaction.		
<b>3036</b>	<b>Party name</b>	<b>C an..35</b>	<b>O</b>
	Name of a party involved in a transaction.		
<b>3036</b>	<b>Party name</b>	<b>C an..35</b>	<b>O</b>
	Name of a party involved in a transaction.		
<b>3036</b>	<b>Party name</b>	<b>C an..35</b>	<b>O</b>
	Name of a party involved in a transaction.		
<b>3045</b>	<b>Party name format, coded</b>	<b>C an..3</b>	<b>O</b>
	Specification of the representation of a party name.		
<b>C059</b>	<b>STREET</b>	<b>C</b>	<b>O</b>
	Street address and/or PO Box number in a structured address: one to four lines.		
<b>3042</b>	<b>Street and number/p.o. box</b>	<b>M an..35</b>	<b>M</b>
	Street and number in plain language, or Post Office Box No.		
<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C an..35</b>	<b>O</b>
	Street and number in plain language, or Post Office Box No.		
<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C an..35</b>	<b>O</b>
	Street and number in plain language, or Post Office Box No.		
<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C an..35</b>	<b>O</b>
	Street and number in plain language, or Post Office Box No.		
<b>3164</b>	<b>CITY NAME</b>	<b>C an..35</b>	<b>O</b>
	Name of a city (a town, a village) for addressing purposes.		
<b>3229</b>	<b>COUNTRY SUB -ENTITY IDENTIFICATION</b>	<b>C an..9</b>	<b>O</b>
	Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.		
<b>3251</b>	<b>POSTCODE IDENTIFICATION</b>	<b>C an..9</b>	<b>O</b>
	Code defining postal zones or addresses.		
<b>3207</b>	<b>COUNTRY, CODED</b>	<b>C an..3</b>	<b>O</b>
	Identification of the name of a country or other geographical entity as specified in ISO 3166.		



**Group:** **CTA** **Segment Group 4: Contact Information**  
**Position:** 0160  
**Group:** Segment Group 3 (Name and Address)      Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A group of segments identifying a contact and its communications related to the party, e.g. to whom an acknowledgement is to be sent or who is to be contacted in case of a calamity.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0170	CTA	Contact Information	M	1	
O	0180	COM	Communication Contact	C	3	



**Segment:** **CTA** **Contact Information**  
**Position:** 0170 (Trigger Segment)  
**Group:** SG3-SG4  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a person or department within a party.

**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3139		<b>CONTACT FUNCTION, CODED</b> Code specifying the function of a contact (e.g. department or person). <i>IC Information contact</i> <i>Department/person to contact for questions regarding transactions.</i>	C an..3	R
C056		<b>DEPARTMENT OR EMPLOYEE DETAILS</b> Code and/or name of a department or employee. Code preferred.	C	R
	3413	<b>Department or employee identification</b> Internal identification code.	C an..17	O
	3412	<b>Department or employee</b> The department or person within an organizational entity.	C an..35	O
		<i>FORWARDER CONTACT NAME O</i>		
		<i>MAIN OCEAN CARRIER CONTACT NAME O</i>		
		<i>MESSAGE ACKNOWLEDGEMENT RECIPIENT CONTACT NAME O</i>		
		<i>MESSAGE NOTIFY CONTACT NAME O</i>		



**Segment:** **COM** **Communication Contact**  
**Position:** 0180  
**Group:** SG3-SG4  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 3  
**Purpose:** A segment to identify a communication number of a person or department to whom communication should be directed, e.g. e-mail number, telefax number, telephone number.

**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C076		<b>COMMUNICATION CONTACT</b>	<b>M</b>	<b>M</b>
		Communication number of a department or employee in a specified channel.		
	<b>3148</b>	<b>Communication number</b>	<b>M an..512</b>	<b>M</b>
		The communication number.		
		FORWARDER CONTACT PHONE/FAX/EMAIL O		
		MAIN OCEAN CARRIER CONTACT PHONE/FAX/EMAIL O		
		MESSAGE ACKNOWLEDGEMENT RECIPIENT CONTACT PHONE/FAX/EMAIL O		
		MESSAGE NOTIFY CONTACT PHONE/FAX/EMAIL O		
		No spaces or hyphens allowed.		
	<b>3155</b>	<b>Communication channel qualifier</b>	<b>M an..3</b>	<b>M</b>
		Code identifying the type of communication channel being used.		
	<i>EI</i>	<i>EDI transmission</i>		
		<i>Number identifying the service and service user.</i>		
	<i>FX</i>	<i>Telefax</i>		
		<i>Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media.</i>		
	<i>TE</i>	<i>Telephone</i>		
		<i>Voice/data transmission by telephone.</i>		



**Group:** **EQD** Segment Group 5: Equipment Details  
**Position:** 0190  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 999  
**Purpose:** A group of segments to specify the equipment in which the dangerous cargo is transported.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
M	0200	EQD	Equipment Details	M	1	
O	0210	MEA	Measurements	C	1	



**Segment:** **EQD** **Equipment Details**  
**Position:** 0200 (Trigger Segment)  
**Group:** SG5  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify the equipment identification and the equipment size and type of the equipment used in the transport. The equipment to be qualified: - Barge, lighter - Container - Trailer

**Dependency Notes:**

<b>Data Element Summary</b>				
<b>Data</b>	<b>Component</b>		<b>Base</b>	<b>User</b>
<b><u>Element</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	<b><u>Attributes</u></b>	<b><u>Attributes</u></b>
8053		<b>EQUIPMENT QUALIFIER</b>	<b>M an..3</b>	<b>M</b>
		Code identifying type of equipment.		
	BR	<i>Barge</i> <i>Flat bottomed inland cargo vessel for canals and rivers with or without own propulsion for the purpose of transported goods. (Synonym: Lighter).</i>		
	CN	<i>Container</i> <i>Equipment item as defined by ISO for transport. It must be of: A) permanent character, strong enough for repeated use; B) designed to facilitate the carriage of goods, by one or more modes of transport, without intermediate reloading; C) fitted with devices for its ready handling, particularly.</i>		
	TE	<i>Trailer</i> <i>A vehicle without motive power, designed for the carriage of cargo and to be towed by a motor vehicle.</i>		
C237		<b>EQUIPMENT IDENTIFICATION</b>	<b>C</b>	<b>O</b>
		Marks (letters and/or numbers) identifying equipment used for transport such as a container.		
	8260	<b>Equipment identification number</b>	<b>C an..17</b>	<b>O</b>
		Marks (letters and/or numbers) which identify equipment e.g. unit load device.		
		<i>CONTAINER ID PREFIX &amp; NO</i> O		
	1131	<b>Code list qualifier</b>	<b>C an..3</b>	<b>X</b>
		Identification of a code list.		
	3055	<b>Code list responsible agency, coded</b>	<b>C an..3</b>	<b>X</b>
		Code identifying the agency responsible for a code list.		
	3207	<b>Country, coded</b>	<b>C an..3</b>	<b>X</b>
		Identification of the name of a country or other geographical entity as specified in ISO 3166.		
C224		<b>EQUIPMENT SIZE AND TYPE</b>	<b>C</b>	<b>O</b>
		Code and/or name identifying size and type of equipment used in transport. Code preferred.		
	8155	<b>Equipment size and type identification</b>	<b>C an..10</b>	<b>O</b>
		Coded description of the size and type of equipment e.g. unit load device.		
		<i>CONTAINER TYPE/SIZE CODED</i> O		
	1131	<b>Code list qualifier</b>	<b>C an..3</b>	<b>X</b>
		Identification of a code list.		
	3055	<b>Code list responsible agency, coded</b>	<b>C an..3</b>	<b>X</b>
		Code identifying the agency responsible for a code list.		
	8154	<b>Equipment size and type</b>	<b>C an..35</b>	<b>O</b>
		Plain language description of the size and type of equipment e.g. unit load device.		
		<i>CONTAINER TYPE/SIZE DESCR</i> O		
8077		<b>EQUIPMENT SUPPLIER, CODED</b>	<b>C an..3</b>	<b>X</b>
		To indicate the party that is the supplier of the equipment.		
8249		<b>EQUIPMENT STATUS, CODED</b>	<b>C an..3</b>	<b>X</b>
		Indication of the action related to the equipment.		
8169		<b>FULL/EMPTY INDICATOR, CODED</b>	<b>C an..3</b>	<b>O</b>
		To indicate the extent to which the equipment is full or empty.		
		<i>CONTAINER EMPTY INDICATOR</i> O		
	4	<i>Empty</i>		



**Segment:** **MEA** Measurements  
**Position:** 0210  
**Group:** SG5  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to specify measurements, other than dimensions, associated with the equipment. The measurement to be qualified: - Maximum payload (of the barge)

**Dependency Notes:**

**Notes:** *Could be used for the net tonnage (payload) of a barge (in the combination of push barges).*

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6311		<b>MEASUREMENT PURPOSE QUALIFIER</b> Specification of the purpose of the measurement. <i>AAE Measurement [6314] Value of the measured unit.</i>	M an..3	M
C502		<b>MEASUREMENT DETAILS</b> Identification of measurement type.	C	R
	6313	<b>Property measured, coded</b> Specification of the property measured. <i>AAN Net tonnage of the vessel [6302] The measure of the useful capacity of a ship determined in accordance with the provisions of the International Convention on Tonnage Measurement of Ships, 1969.</i>	C an..3	R
	6321	<b>Measurement significance, coded</b> Code specifying the significance of a measurement value.	C an..3	X
	6155	<b>Measurement attribute identification</b> Code used to specify non-discrete measurement values.	C an..17	X
	6154	<b>Measurement attribute</b> To specify non-discrete measurement values.	C an..70	X
C174		<b>VALUE/RANGE</b> Measurement value and relevant minimum and maximum values of the measurement range.	C	R
	6411	<b>Measure unit qualifier</b> Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. <i>KGM Kilogram TNE (Metric) Tonne</i>	M an..3	M
	6314	<b>Measurement value</b> Value of the measured unit.	C an..18	R
	6162	<b>Range minimum</b> Minimum of a range.	C n..18	X
	6152	<b>Range maximum</b> Maximum of a range.	C n..18	X
	6432	<b>Significant digits</b> To specify the number of significant digits.	C n..2	X
7383		<b>SURFACE/LAYER INDICATOR, CODED</b> Code indicating the surface or layer of a product that is being described.	C an..3	X



**Group:** **CNI** Segment Group 6: Consignment Information  
**Position:** 0220  
**Group:**  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 999  
**Purpose:** A group of segments to describe a consignment of dangerous goods carried or to be carried on the means of transport specified before.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	0230	CNI	Consignment Information	M	1	
O	0240	HAN	Handling Instructions	C	1	
D	0250	DTM	Date/Time/Period	C	1	
O	0250	DTM	Date/Time/Period	C	3	
O	0260	LOC	Place/Location Identification	C	1	
O	0260	LOC	Place/Location Identification	C	3	
	0270		Segment Group 7: Details of Transport	C		1
	0300		Segment Group 8: Name and Address	C		2
	0360		Segment Group 10: Goods Item Details	M		99





**Segment:** **CNI** Consignment Information  
**Position:** 0230 (Trigger Segment)  
**Group:** SG6  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify the consignment and to indicate whether the consignment is to be loaded, discharged or in transit.

**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
1490		<b>CONSOLIDATION ITEM NUMBER</b> Serial number differentiating each separate consignment included in the consolidation.	C n..4	R
C503		<i>CONSIGNMENT ID SERIAL M</i>		
		<b>DOCUMENT/MESSAGE DETAILS</b> Identification of document/message by number, status, source and/or language.	C	O
	1004	<b>Document/message number</b> Reference number assigned to the document/message by the issuer.	C an..35	O
		<i>CONSIGNMENT ID REFERENCE O</i>		
	1373	<b>Document/message status, coded</b> To identify the status of a document/message.	C an..3	X
	1366	<b>Document/message source</b> Indication of the source from which the printed information is to be or has been obtained.	C an..70	X
	3453	<b>Language, coded</b> Code of language (ISO 639-1988).	C an..3	X
	1056	<b>Version</b> To specify the version number or name of an object.	C an..9	X
	1060	<b>Revision number</b> To specify a revision number.	C an..6	X
1312		<b>CONSIGNMENT LOAD SEQUENCE NUMBER</b> To indicate the sequence of loading in which the consignments are loaded in a piece of equipment or in a means of transport (e.g. truck).	C n..4	X



**Segment:** **HAN** Handling Instructions  
**Position:** 0240  
**Group:** SG6  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to report a handling operation to be taken on the hazardous cargo of the consignment. Some ports allow to report one handling operation of hazardous cargo per consignment in the IFTDGN message.

**Dependency Notes:****Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C524		<b>HANDLING INSTRUCTIONS</b>	<b>C</b>	<b>O</b>
		Instruction for the handling of goods, products or articles in shipment, storage etc.		
	<b>4079</b>	<b>Handling instructions, coded</b>	<b>C an..3</b>	<b>D</b>
		Identification of the instructions on how specified goods, packages or containers should be handled.		
		<b>Business Rules:</b>		
		Variable Name: HandlingActionConsig		
		1. If HandlingAction DOESN'T EXIST, then set Usage to 'Must Use'		
		<b>GOODS HANDLING INFO CODED C</b>		
		<i>CTC Cargo Tank Cleaning</i>		
		<i>Indication that the residues of cargo in the tank(s) will be removed during the visit of the vessel or in general the means of transport. The residues will be specified as a 'normal' consignment.</i>		
C218		<i>LDI Discharge action</i>		
		<i>LLO Load action</i>		
		<i>RES Re-stow</i>		
		<i>Indication that the cargo will be or is re-stowed in the same vessel or in general in the same means of transport.</i>		
		<i>T In Transit action</i>		
		<i>TSP Transportation in the same port</i>		
		<i>Indication that the cargo will be or is transported in the same port area.</i>		
	<b>1131</b>	<b>Code list qualifier</b>	<b>C an..3</b>	<b>X</b>
		Identification of a code list.		
	<b>3055</b>	<b>Code list responsible agency, coded</b>	<b>C an..3</b>	<b>X</b>
C218		Code identifying the agency responsible for a code list.		
	<b>4078</b>	<b>Handling instructions</b>	<b>C an..70</b>	<b>X</b>
		Instructions on how specified goods, packages or containers should be handled.		
		<b>HAZARDOUS MATERIAL</b>	<b>C</b>	<b>X</b>
		To specify a hazardous material.		
	<b>7419</b>	<b>Hazardous material class code, identification</b>	<b>C an..4</b>	<b>X</b>
		Code specifying the kind of hazard for a material.		
	<b>1131</b>	<b>Code list qualifier</b>	<b>C an..3</b>	<b>X</b>
		Identification of a code list.		
	<b>3055</b>	<b>Code list responsible agency, coded</b>	<b>C an..3</b>	<b>X</b>
C218		Code identifying the agency responsible for a code list.		
	<b>7418</b>	<b>Hazardous material class</b>	<b>C an..35</b>	<b>X</b>
		To specify the kind of hazard for a material.		



**Segment:** **DTM** Date/Time/Period

**Position:** 0250

**Group:** SG6

**Level:** 2

**Usage:** Conditional (Dependent)

**Max Use:** 1

**Purpose:** A segment to indicate time and date of the load or discharge operation. The date/time to be qualified: - Date/time of operation - Estimated date/time of arrival - Estimated date/time of departure

**Dependency Notes:**

**Business Rules:** 1. If HandlingAction NE 'RES' and HandlingAction NE 'T', then set Usage to 'Must Use'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
<b>C507</b>		<b>DATE/TIME/PERIOD</b> Date and/or time, or period relevant to the specified date/time/period type.	<b>M</b>	<b>M</b>
	<b>2005</b>	<b>Date/time/period qualifier</b> Code giving specific meaning to a date, time or period. 369 Date and or time of handling, estimated The date and or time when the handling action is estimated to take place.	<b>M an..3</b>	<b>M</b>
	<b>2380</b>	<b>Date/time/period</b> The value of a date, a date and time, a time or of a period in a specified representation. <i>GOODS HANDLING D/T EXPECTED C</i>	<b>C an..35</b>	<b>R</b>
	<b>2379</b>	<b>Date/time/period format qualifier</b> Specification of the representation of a date, a date and time or of a period. <i>Not supported in Rotterdam: code 719.</i> 101 YYYYMMDD Calendar date: Y = Year; M = Month; D = Day. 203 CCYYMMDDHHMM Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes. 719 CCYYMMDDHHMM-CCYYMMDDHHMM A period of time which includes the century, year, month, day, hour and minute. Format of period to be given in actual message without hyphen.	<b>C an..3</b>	<b>R</b>



**Segment:** **DTM** Date/Time/Period  
**Position:** 0250  
**Group:** SG6  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 3  
**Purpose:** A segment to indicate time and date of the load or discharge operation. The date/time to be qualified: - Date/time of operation - Estimated date/time of arrival - Estimated date/time of departure

**Dependency Notes:****Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		<b>DATE/TIME/PERIOD</b> Date and/or time, or period relevant to the specified date/time/period type.	<b>M</b>	<b>M</b>
	<b>2005</b>	<b>Date/time/period qualifier</b> Code giving specific meaning to a date, time or period. 132 <i>Arrival date/time, estimated</i> (2348) <i>Date/time when carrier estimates that a means of transport should arrive at the port of discharge or place of destination.</i> 133 <i>Departure date/time, estimated</i> <i>Date/time when carrier estimates that a means of transport should depart at the place of departure.</i>	<b>M an..3</b>	<b>M</b>
	<b>2380</b>	<b>Date/time/period</b> The value of a date, a date and time, a time or of a period in a specified representation. <i>ON-CARR VESSEL D/T ETD POC O</i> <i>PRE-CARR VESSEL D/T ETA POC O</i>	<b>C an..35</b>	<b>R</b>
	<b>2379</b>	<b>Date/time/period format qualifier</b> Specification of the representation of a date, a date and time or of a period. 102 <i>CCYYMMDD</i> <i>Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.</i> 203 <i>CCYYMMDDHHMM</i> <i>Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.</i>	<b>C an..3</b>	<b>R</b>



**Segment:** **LOC** Place/Location Identification  
**Position:** 0260  
**Group:** SG6  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to indicate locations related to the arrival of a consignment. The location to be qualified: - place/port of loading - place/port of discharge - berth (as the place where the discharge/load/in transit action is to take place) - warehouse (as the place where the consignment will be stored)

**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3227		<b>PLACE/LOCATION QUALIFIER</b> Code identifying the function of a location. <i>T34 Place of handling</i>	M an..3	M
C517		<b>LOCATION IDENTIFICATION</b> Identification of a location by code or name.	C	R
	3225	<b>Place/location identification</b> Identification of the name of place/location, other than 3164 City name. <i>MAIN VESSEL POC O</i> <i>PLACE TERMINAL CODED O</i> <i>PLACE WAREHOUSE CODED O</i> <i>Note: Use UN/ECE Recommendation No. 16: UNLOCODE.</i>	C an..25	O
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X
	3224	<b>Place/location</b> Name of place/location, other than 3164 City name.	C an..70	X
C519		<b>RELATED LOCATION ONE IDENTIFICATION</b> Identification the first related location by code or name.	C	O
	3223	<b>Related place/location one identification</b> Specification of the first related place/location by code. <i>MAIN VESSEL POC BERTH CODED O</i> <i>PLACE TERMINAL CODED O</i> <i>PLACE WAREHOUSE CODED O</i> <i>Note: Use locally agreed code list for berth, terminal or warehouse.</i>	C an..25	R
	1131	<b>Code list qualifier</b> Identification of a code list. <i>BER Berth</i> <i>TER Termanal</i> <i>WAR Warehouse</i>	C an..3	R
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list. <i>ZZZ Mutually defined</i>	C an..3	R
	3222	<b>Related place/location one</b> Specification of the first related place/location by name. <i>MAIN VESSEL POC BERTH NAME O</i>	C an..70	O
C553		<b>RELATED LOCATION TWO IDENTIFICATION</b> Identification of second related location by code or name.	C	O
	3233	<b>Related place/location two identification</b> Specification of a second related place/location by code. <i>MAIN VESSEL POC BERTH JETTY NR O</i>	C an..25	O



<i>Note: Use locally agreed code list.</i>				
<b>1131</b>	<b>Code list qualifier</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
	Identification of a code list.			
<b>3055</b>	<b>Code list responsible agency, coded</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
	Code identifying the agency responsible for a code list.			
<b>3232</b>	<b>Related place/location two</b>	<b>C</b>	<b>an..70</b>	<b>X</b>
	Specification of a second related place/location by name.			
<b>5479</b>	<b>RELATION, CODED</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
	To specify the relationship between two or more items.			



**Segment:** **LOC** **Place/Location Identification**  
**Position:** 0260  
**Group:** SG6  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 3  
**Purpose:** A segment to indicate locations related to the arrival of a consignment. The location to be qualified: - place/port of loading - place/port of discharge - berth (as the place where the discharge/load/in transit action is to take place) - warehouse (as the place where the consignment will be stored)

**Dependency Notes:**

<b>Data Element Summary</b>				
<b>Data</b>	<b>Component</b>	<b>Name</b>	<b>Base</b>	<b>User</b>
<b>Element</b>	<b>Element</b>	<b>Name</b>	<b>Attributes</b>	<b>Attributes</b>
3227		<b>PLACE/LOCATION QUALIFIER</b>	<b>M an..3</b>	<b>M</b>
		Code identifying the function of a location.		
	9	<i>Place/port of loading (3334 + 3230) Seaport, airport, freight terminal, rail station or other place at which the goods (cargo) are loaded on to the means of transport being used for their carriage.</i>		
	11	<i>Place/port of discharge (3392 + 3414) Seaport, airport, freight terminal, rail station or other place at which the goods (cargo) are unloaded from the means of transport having been used for their carriage.</i>		
C517		<b>LOCATION IDENTIFICATION</b>	<b>C</b>	<b>R</b>
		Identification of a location by code or name.		
	3225	<b>Place/location identification</b>	<b>C an..25</b>	<b>O</b>
		Identification of the name of place/location, other than 3164 City name.		
		<i>PLACE/DISCHARGE CODED and NAME MAIN VESSEL O</i>		
		<i>PLACE/LOADING CODED and NAME MAIN VESSEL O</i>		
		<i>Note: Use UN/ECE Recommendation No. 16: UNLOCODE.</i>		
	1131	<b>Code list qualifier</b>	<b>C an..3</b>	<b>X</b>
		Identification of a code list.		
	3055	<b>Code list responsible agency, coded</b>	<b>C an..3</b>	<b>X</b>
C519		Code identifying the agency responsible for a code list.		
	3224	<b>Place/location</b>	<b>C an..70</b>	<b>X</b>
		Name of place/location, other than 3164 City name.		
		<b>RELATED LOCATION ONE IDENTIFICATION</b>	<b>C</b>	<b>X</b>
		Identification the first related location by code or name.		
	3223	<b>Related place/location one identification</b>	<b>C an..25</b>	<b>X</b>
		Specification of the first related place/location by code.		
	1131	<b>Code list qualifier</b>	<b>C an..3</b>	<b>X</b>
		Identification of a code list.		
	3055	<b>Code list responsible agency, coded</b>	<b>C an..3</b>	<b>X</b>
C553		Code identifying the agency responsible for a code list.		
	3222	<b>Related place/location one</b>	<b>C an..70</b>	<b>X</b>
		Specification of the first related place/location by name.		
		<b>RELATED LOCATION TWO IDENTIFICATION</b>	<b>C</b>	<b>X</b>
		Identification of second related location by code or name.		
	3233	<b>Related place/location two identification</b>	<b>C an..25</b>	<b>X</b>
		Specification of a second related place/location by code.		
	1131	<b>Code list qualifier</b>	<b>C an..3</b>	<b>X</b>
		Identification of a code list.		
	3055	<b>Code list responsible agency, coded</b>	<b>C an..3</b>	<b>X</b>
5479		Code identifying the agency responsible for a code list.		
	3232	<b>Related place/location two</b>	<b>C an..70</b>	<b>X</b>
		Specification of a second related place/location by name.		
		<b>RELATION, CODED</b>	<b>C an..3</b>	<b>X</b>
		To specify the relationship between two or more items.		



**Group:** **TDT** **Segment Group 7: Details of Transport**  
**Position:** 0270  
**Group:** Segment Group 6 (Consignment Information)      Mandatory  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A group of segments to specify transport details of the consignment.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
M	0280	TDT	Details of Transport	M	1	
O	0290	RFF	Reference	C	9	





**Segment:** **TDT** **Details of Transport**  
**Position:** 0280 (Trigger Segment)  
**Group:** SG6-SG7  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to indicate the transport information related to the arrival (pre-carriage) or the departure (on-carriage) of the consignment. The transport details to be specified: - Pre-carriage - On-carriage

**Dependency Notes:**

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
8051		<b>TRANSPORT STAGE QUALIFIER</b>	M an..3	M
		Qualifier giving a specific meaning to the transport details.		
		10 <i>Pre-carriage transport</i>		
		Transport by which the goods are moved prior to their main carriage transport.		
		30 <i>On-carriage transport</i>		
		Transport by which the goods are moved after the main carriage transport.		
8028		<b>CONVEYANCE REFERENCE NUMBER</b>	C an..17	O
		Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term).		
		ON-CARR OCEAN VOYAGE REF O		
		PRE-CARR OCEAN VOYAGE REF O		
		ON-CARR BARGE VOYAGE REF O		
		PRE-CARR BARGE VOYAGE REF O		
		ON-CARR TRAIN/TRACK ID O		
		PRE-CARR TRAIN/TRACK ID O		
C220		<b>MODE OF TRANSPORT</b>	C	R
		Method of transport code or name. Code preferred.		
	8067	<b>Mode of transport, coded</b>	C an..3	R
		Coded method of transport used for the carriage of the goods.		
		ON-CARR MODE/TRANSPORT CODED O		
		PRE-CARR MODE/TRANSPORT CODED O		
		1 <i>Maritime transport</i>		
		2 <i>Rail transport</i>		
		3 <i>Road transport</i>		
		7 <i>Fixed installations</i>		
		8 <i>Inland water transport</i>		
	8066	<b>Mode of transport</b>	C an..17	X
		Method of transport used for the carriage of the goods.		
C228		<b>TRANSPORT MEANS</b>	C	X
		Code and/or name identifying the type of means of transport.		
	8179	<b>Type of means of transport identification</b>	C an..8	X
		Code defining the type of the means of transport being utilized.		
	8178	<b>Type of means of transport</b>	C an..17	X
		Description of the type of the means of transport being utilized.		
C040		<b>CARRIER</b>	C	X
		Identification of a carrier by code and/or by name. Code preferred.		
	3127	<b>Carrier identification</b>	C an..17	X
		Identification of party undertaking or arranging transport of goods between named points.		
	1131	<b>Code list qualifier</b>	C an..3	X
		Identification of a code list.		
	3055	<b>Code list responsible agency, coded</b>	C an..3	X
		Code identifying the agency responsible for a code list.		
	3128	<b>Carrier name</b>	C an..35	X
		Name of party undertaking or arranging transport of goods between named points.		
8101		<b>TRANSIT DIRECTION, CODED</b>	C an..3	X



<b>C401</b>	Identification of the point of origin and point of direction.			
	<b>EXCESS TRANSPORTATION INFORMATION</b>	<b>C</b>		<b>X</b>
	To provide details of reason for, and responsibility for, use of transportation other than normally utilized.			
	<b>8457 Excess transportation reason, coded</b>	<b>M</b>	<b>an..3</b>	<b>X</b>
<b>C222</b>	Indication of reason for excess transportation.			
	<b>8459 Excess transportation responsibility, coded</b>	<b>M</b>	<b>an..3</b>	<b>X</b>
	Indication of responsibility for excess transportation.			
	<b>7130 Customer authorization number</b>	<b>C</b>	<b>an..17</b>	<b>X</b>
	Customer provided authorization number to allow supplier to ship goods under specific freight conditions. This number will be transmitted back to customer in the dispatch advice message.			
	<b>TRANSPORT IDENTIFICATION</b>	<b>C</b>		<b>O</b>
	Code and/or name identifying the means of transport.			
	<b>8213 Id. of means of transport identification</b>	<b>C</b>	<b>an..9</b>	<b>R</b>
	Identification of the means of transport by name or number.			
	<i>ON-CARR VESSEL ID LRN O</i> <i>PRE-CARR VESSEL ID LRN O</i> <i>ON-CARR BARGE ID O</i> <i>PRE-CARR BARGE ID O</i> <i>ON-CARR TRUCK ID O</i> <i>PRE-CARR TRUCK ID O</i>			
	<b>1131 Code list qualifier</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
	Identification of a code list.			
	<b>3055 Code list responsible agency, coded</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
	Code identifying the agency responsible for a code list.			
	<b>8212 Id. of the means of transport</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
	Identification of the means of transport by name or number.			
	<i>ON-CARR VESSEL NAME O</i> <i>PRE-CARR VESSEL NAME O</i> <i>ON-CARR BARGE NAME O</i> <i>PRE-CARR BARGE NAME O</i>			
	<b>8453 Nationality of means of transport, coded</b>	<b>C</b>	<b>an..3</b>	<b>O</b>
	Coded name of the country in which a means of transport is registered.			
	<i>ON-CARR VESSEL NATIONALITY CODED O</i> <i>PRE-CARR VESSEL NATIONALITY CODED O</i>			
<b>8281</b>	<b>TRANSPORT OWNERSHIP, CODED</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
Code indicating the ownership of the means of transport.				



**Segment:** **RFF** Reference  
**Position:** 0290  
**Group:** SG6-SG7  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 9  
**Purpose:** A segment to indicate the transport licence number(s) of the pre- or on- carriage transport.

**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		<b>REFERENCE</b>	<b>M</b>	<b>M</b>
		Identification of a reference.		
	<b>1153</b>	<b>Reference qualifier</b>	<b>M an..3</b>	<b>M</b>
		Code giving specific meaning to a reference segment or a reference number.		
		<i>ALH Dangerous goods transport licence number</i>		
		<i>Licence number allocated by an authority as to the permission of carrying dangerous goods by a specific means of transport.</i>		
		<i>SSX Ship's stay reference</i>		
		<i>Reference number assigned by the authority in the port to a certain call of the vessel in that port.</i>		
		<i>VM Vessel identification</i>		
		<i>(8123) Reference identifying a vessel (UN/ECE Recommendation No 10).</i>		
	<b>1154</b>	<b>Reference number</b>	<b>C an..35</b>	<b>R</b>
		Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.		
		<i>ON-CARR VESSEL ID RCS O</i>		
		<i>PRE-CARR VESSEL ID RCS O</i>		
		<i>ON-CARR OCEAN SHIP'S STAY REFERENCE O</i>		
		<i>PRE-CARR OCEAN SHIP'S STAY REFERENCE O</i>		
		<i>MAIN VESSEL TRANSPORT LICENSE NUMBER O</i>		
	<b>1156</b>	<b>Line number</b>	<b>C an..6</b>	<b>X</b>
		Number of the line in the document/message referenced in 1154 Reference number.		
	<b>4000</b>	<b>Reference version number</b>	<b>C an..35</b>	<b>X</b>
		To uniquely identify a reference by its version number.		
	<b>1060</b>	<b>Revision number</b>	<b>C an..6</b>	<b>X</b>
		To specify a revision number.		



**Group:** **NAD** Segment Group 8: Name and Address  
**Position:** 0300  
**Group:** Segment Group 6 (Consignment Information) Mandatory  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A group of segments to identify a party related to the consignment.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	0310	NAD	Name and Address	M	1	
	0320		Segment Group 9: Contact Information	C		1
O	0350	RFF	Reference	C	1	



**Segment:** **NAD** Name and Address  
**Position:** 0310 (Trigger Segment)  
**Group:** SG6-SG8  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a party's name and address relevant to the consignment. The function to be qualified: - Consignor - either Carrier's agent or Freight forwarder

**Dependency Notes:**

Data Element Summary					
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>	
3035		<b>PARTY QUALIFIER</b> Code giving specific meaning to a party. <i>CG</i> Carrier's agent <i>FW</i> Freight forwarder <i>Party authorized to act for or on behalf of carrier.</i> <i>Party arranging forwarding of goods.</i>	M an..3	M	
C082		<b>PARTY IDENTIFICATION DETAILS</b> Identification of a transaction party by code.	C	O	
	3039	<b>Party identification</b> Code identifying a party involved in a transaction. <i>FORWARDER ID C</i> <i>MAIN OCEAN CARRIER AGENT ID O</i>	M an..35	M	
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	O	an..17
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	O	
C058		<b>NAME AND ADDRESS</b> Unstructured name and address: one to five lines.	C	O	
	3124	<b>Name and address line</b> Free form name and address description. <i>FORWARDER NAME &amp; ADDRESS C</i> <i>MAIN OCEAN CARRIER AGENT NAME &amp; ADDRESS O</i>	M an..35	M	
	3124	<b>Name and address line</b> Free form name and address description.	C an..35	O	
	3124	<b>Name and address line</b> Free form name and address description.	C an..35	O	
	3124	<b>Name and address line</b> Free form name and address description.	C an..35	O	
	3124	<b>Name and address line</b> Free form name and address description.	C an..35	O	
	3124	<b>Name and address line</b> Free form name and address description.	C an..35	O	
C080		<b>PARTY NAME</b> Identification of a transaction party by name, one to five lines. Party name may be formatted.	C	X	
	3036	<b>Party name</b> Name of a party involved in a transaction.	M an..35	X	
	3036	<b>Party name</b> Name of a party involved in a transaction.	C an..35	X	
	3036	<b>Party name</b> Name of a party involved in a transaction.	C an..35	X	
	3036	<b>Party name</b> Name of a party involved in a transaction.	C an..35	X	
	3036	<b>Party name</b> Name of a party involved in a transaction.	C an..35	X	
	3045	<b>Party name format, coded</b> Specification of the representation of a party name.	C an..3	X	
C059		<b>STREET</b> Street address and/or PO Box number in a structured address: one to four lines.	C	X	



	<b>3042</b>	<b>Street and number/p.o. box</b>	<b>M</b>	<b>an..35</b>	<b>X</b>
		Street and number in plain language, or Post Office Box No.			
	<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>X</b>
		Street and number in plain language, or Post Office Box No.			
	<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>X</b>
		Street and number in plain language, or Post Office Box No.			
	<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>X</b>
		Street and number in plain language, or Post Office Box No.			
<b>3164</b>		<b>CITY NAME</b>	<b>C</b>	<b>an..35</b>	<b>X</b>
		Name of a city (a town, a village) for addressing purposes.			
<b>3229</b>		<b>COUNTRY SUB-ENTITY IDENTIFICATION</b>	<b>C</b>	<b>an..9</b>	<b>X</b>
		Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.			
<b>3251</b>		<b>POSTCODE IDENTIFICATION</b>	<b>C</b>	<b>an..9</b>	<b>X</b>
		Code defining postal zones or addresses.			
<b>3207</b>		<b>COUNTRY, CODED</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
		Identification of the name of a country or other geographical entity as specified in ISO 3166.			



**Group:** **CTA** **Segment Group 9: Contact Information**  
**Position:** 0320  
**Group:** Segment Group 8 (Name and Address)      Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A group of segments to identify a contact and its communications related to the party.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
M	0330	CTA	Contact Information	M	1	
O	0340	COM	Communication Contact	C	2	



**Segment:** **CTA** **Contact Information**  
**Position:** 0330 (Trigger Segment)  
**Group:** SG6-SG8-SG9  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a person or a department within the party.  
**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3139		<b>CONTACT FUNCTION, CODED</b> Code specifying the function of a contact (e.g. department or person). <i>IC Information contact</i> <i>Department/person to contact for questions regarding transactions.</i>	<b>C an..3</b>	<b>R</b>
C056		<b>DEPARTMENT OR EMPLOYEE DETAILS</b> Code and/or name of a department or employee. Code preferred.	<b>C</b>	<b>R</b>
	3413	<b>Department or employee identification</b> Internal identification code.	<b>C an..17</b>	<b>O</b>
	3412	<b>Department or employee</b> The department or person within an organizational entity.	<b>C an..35</b>	<b>O</b>
		<i>FORWARDER CONTACT NAME</i> <i>O</i>		
		<i>MAIN OCEAN CARRIER AGENT CONTACT NAME</i> <i>O</i>		





**Segment:** **COM** Communication Contact  
**Position:** 0340  
**Group:** SG6-SG8-SG9  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A segment to identify a communication number of the contact to whom communication should be directed.

**Dependency Notes:**

Data Element Summary				
Data	Component		Base	User
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
C076		COMMUNICATION CONTACT	M	M
		Communication number of a department or employee in a specified channel.		
	3148	Communication number	M an..512	M
		The communication number.		
		FORWARDER CONTACT PHONE O		
		MAIN OCEAN CARRIER AGENT CONTACT PHONE O		
3155		Communication channel qualifier	M an..3	M
		Code identifying the type of communication channel being used.		
	FX	Telefax		
		Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media.		
	TE	Telephone		
		Voice/data transmission by telephone.		



**Segment:** **RFF** Reference  
**Position:** 0350  
**Group:** SG6-SG8  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to express a reference for the consignment related to the party. The reference to be qualified: - Carrier's agent reference number - Freight forwarders reference number

**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		<b>REFERENCE</b>	<b>M</b>	<b>M</b>
		Identification of a reference.		
	<b>1153</b>	<b>Reference qualifier</b>	<b>M an..3</b>	<b>M</b>
		Code giving specific meaning to a reference segment or a reference number.		
		<i>AAV</i> <i>Carrier's agent reference number</i>		
		<i>FF</i> <i>Reference number assigned by the carriers agent to a transaction.</i>		
		<i>[1460] Reference number assigned to the consignment by the freight forwarder.</i>		
	<b>1154</b>	<b>Reference number</b>	<b>C an..35</b>	<b>R</b>
		Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.		
		<i>CONSIGNMENT REFERENCE FORWARDER O</i>		
		<i>CONSIGNMENT REFERENCE OCEAN CARRIER AGENT O</i>		
	<b>1156</b>	<b>Line number</b>	<b>C an..6</b>	<b>X</b>
		Number of the line in the document/message referenced in 1154 Reference number.		
	<b>4000</b>	<b>Reference version number</b>	<b>C an..35</b>	<b>X</b>
		To uniquely identify a reference by its version number.		
	<b>1060</b>	<b>Revision number</b>	<b>C an..6</b>	<b>X</b>
		To specify a revision number.		



**Group:** **GID** Segment Group 10: Goods Item Details  
**Position:** 0360  
**Group:** Segment Group 6 (Consignment Information) Mandatory  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 99  
**Purpose:** A group of segments to specify a goods item within the consignment.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	0370	GID	Goods Item Details	M	1	
O	0380	FTX	Free Text	C	1	
O	0380	FTX	Free Text	C	1	
O	0390	PCI	Package Identification	C	1	
	0400		Segment Group 11: Split Goods Placement	C		99
	0430		Segment Group 12: Dangerous Goods	M		1



**Segment:** **GID** Goods Item Details  
**Position:** 0370 (Trigger Segment)  
**Group:** SG6-SG10  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a goods item within the consignment and to indicate the heading of a goods item with the number of packages.

**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
1496		<b>GOODS ITEM NUMBER</b> Serial number differentiating each separate goods item entry of a consignment as contained in one document/declaration. <i>GOODS ID SERIAL M</i>	C n..5	R
C213		<b>NUMBER AND TYPE OF PACKAGES</b> Number and type of individual parts of a shipment. <b>Business Rules:</b> 1. If TankerNonbulk NE '89T', then set Usage to 'Must Use' <i>Number and type of the selfcontained units in which the goods item is presented.</i>	C	D
	7224	<b>Number of packages</b> Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing. <i>GOODS PACKAGE TYPE OUTER TOTAL NUMBER C</i>	C n..8	O
	7065	<b>Type of packages identification</b> Coded description of the form in which goods are presented. <i>GOODS PACKAGE TYPE OUTER CODED C</i>	C an..17	O
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X
	7064	<b>Type of packages</b> Description of the form in which goods are presented. <i>GOODS PACKAGE TYPE OUTER DESCR C</i>	C an..35	O
	7233	<b>Packaging related information, coded</b> Code giving packaging, handling and marking related information.	C an..3	X
		<b>NUMBER AND TYPE OF PACKAGES</b> Number and type of individual parts of a shipment.	C	X
	7224	<b>Number of packages</b> Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	C n..8	X
	7065	<b>Type of packages identification</b> Coded description of the form in which goods are presented.	C an..17	X
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X
	7064	<b>Type of packages</b> Description of the form in which goods are presented.	C an..35	X
C213	7233	<b>Packaging related information, coded</b> Code giving packaging, handling and marking related information.	C an..3	X
		<b>NUMBER AND TYPE OF PACKAGES</b> Number and type of individual parts of a shipment. <i>Number and type of the non-selfcontained units within the selfcontained units.</i>	C	O
	7224	<b>Number of packages</b> Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing. <i>GOODS PACKAGE TYPE INNER TOTAL NUMBER O</i>	C n..8	O
	7065	<b>Type of packages identification</b>	C an..17	O



		Coded description of the form in which goods are presented.		
		<i>GOODS PACKAGE TYPE INNER CODED O</i>		
C213	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X
	7064	<b>Type of packages</b> Description of the form in which goods are presented.	C an..35	O
	<i>GOODS PACKAGE TYPE INNER DESCR O</i>			
	7233	<b>Packaging related information, coded</b> Code giving packaging, handling and marking related information.	C an..3	X
		<b>NUMBER AND TYPE OF PACKAGES</b> Number and type of individual parts of a shipment.	C	X
	7224	<b>Number of packages</b> Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	C n..8	X
	7065	<b>Type of packages identification</b> Coded description of the form in which goods are presented.	C an..17	X
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X
C213	7064	<b>Type of packages</b> Description of the form in which goods are presented.	C an..35	X
	7233	<b>Packaging related information, coded</b> Code giving packaging, handling and marking related information.	C an..3	X
		<b>NUMBER AND TYPE OF PACKAGES</b> Number and type of individual parts of a shipment.	C	X
	7224	<b>Number of packages</b> Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	C n..8	X
	7065	<b>Type of packages identification</b> Coded description of the form in which goods are presented.	C an..17	X
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X
	7064	<b>Type of packages</b> Description of the form in which goods are presented.	C an..35	X
	7233	<b>Packaging related information, coded</b> Code giving packaging, handling and marking related information.	C an..3	X



**Segment:** **FTX** Free Text  
**Position:** 0380  
**Group:** SG6-SG10  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to specify processable supplementary information relating to the goods item.  
 The text subject to be qualified: - Description of goods - Remarks

**Dependency Notes:**

Data Element Summary				
Data	Component		Base	User
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
4451		<b>TEXT SUBJECT QUALIFIER</b> Code specifying subject of a free text. AAA <i>Goods description</i> [7002] Plain language description of the nature of the goods sufficient to identify them at the level required for banking, Customs, statistical or transport purposes, avoiding unnecessary detail (Generic term).	M an..3	M
4453		<b>TEXT FUNCTION, CODED</b> Code specifying the purpose of the text.	C an..3	X
C107		<b>TEXT REFERENCE</b> Coded reference to a standard text and its source.	C	O
	4441	<b>Free text identification</b> Free text in coded form.	M an..17	M
		<b>GOODS CARGO TYPE CODED O</b>		
		0 <i>No cargo unit (liquid bulk goods)</i>		
		1 <i>No cargo unit (solid bulk goods)</i>		
		2 <i>Large freight containers</i>		
		3 <i>Other freight containers</i>		
		4 <i>Palletized</i>		
		5 <i>Pre-slung</i>		
		6 <i>Mobile self-propelled units</i>		
		7 <i>Other mobile units</i>		
		9 <i>Other cargo types</i>		
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X
C108		<b>TEXT LITERAL</b> Free text; one to five lines.	C	O
	4440	<b>Free text</b> Free text field available to the message sender for information.	M an..70	M
		<b>GOODS DESCRIPTION O</b>		
	4440	<b>Free text</b> Free text field available to the message sender for information.	C an..70	O
	4440	<b>Free text</b> Free text field available to the message sender for information.	C an..70	O
	4440	<b>Free text</b> Free text field available to the message sender for information.	C an..70	O
	4440	<b>Free text</b> Free text field available to the message sender for information.	C an..70	O
3453		<b>LANGUAGE, CODED</b> Code of language (ISO 639-1988).	C an..3	X
4447		<b>TEXT FORMATTING, CODED</b> Code specifying the formatting parameters for the text.	C an..3	X



**Segment:** **FTX** Free Text  
**Position:** 0380  
**Group:** SG6-SG10  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** To provide free form or coded text information.

**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4451		<b>TEXT SUBJECT QUALIFIER</b> Code specifying subject of a free text. <i>ACB Additional information</i>	M an..3	M
4453		<b>TEXT FUNCTION, CODED</b> Code specifying the purpose of the text.	C an..3	X
C107		<b>TEXT REFERENCE</b> Coded reference to a standard text and its source.	C	X
	4441	<b>Free text identification</b> Free text in coded form.	M an..17	X
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X
C108		<b>TEXT LITERAL</b> Free text; one to five lines.	C	O
	4440	<b>Free text</b> Free text field available to the message sender for information. <i>GOODS REMARKS GENERAL O</i> <i>GOODS TANK CLEANING INFO O</i> <i>(See attribute definition for recommendation on use of free text lines.)</i>	M an..70	M
	4440	<b>Free text</b> Free text field available to the message sender for information.	C an..70	O
	4440	<b>Free text</b> Free text field available to the message sender for information.	C an..70	O
	4440	<b>Free text</b> Free text field available to the message sender for information.	C an..70	O
	4440	<b>Free text</b> Free text field available to the message sender for information.	C an..70	O
3453		<b>LANGUAGE, CODED</b> Code of language (ISO 639-1988).	C an..3	X
4447		<b>TEXT FORMATTING, CODED</b> Code specifying the formatting parameters for the text.	C an..3	X



**Segment:** **PCI** Package Identification  
**Position:** 0390  
**Group:** SG6-SG10  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to specify marks and numbers of the goods item.

**Dependency Notes:**

Data Element Summary				
Data	Component		Base	User
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
4233		<b>MARKING INSTRUCTIONS, CODED</b> Code indicating instructions on how specified packages or physical units should be marked.	C an..3	X
C210		<b>MARKS &amp; LABELS</b> Shipping marks on packages in free text; one to ten lines.	C	O
	7102	<b>Shipping marks</b> Marks and numbers identifying individual packages.	M an..35	M
		<i>GOODS MARKS &amp; NUMBERS</i> O		
	7102	<b>Shipping marks</b> Marks and numbers identifying individual packages.	C an..35	O
	7102	<b>Shipping marks</b> Marks and numbers identifying individual packages.	C an..35	O
	7102	<b>Shipping marks</b> Marks and numbers identifying individual packages.	C an..35	O
	7102	<b>Shipping marks</b> Marks and numbers identifying individual packages.	C an..35	O
	7102	<b>Shipping marks</b> Marks and numbers identifying individual packages.	C an..35	O
	7102	<b>Shipping marks</b> Marks and numbers identifying individual packages.	C an..35	O
	7102	<b>Shipping marks</b> Marks and numbers identifying individual packages.	C an..35	O
	7102	<b>Shipping marks</b> Marks and numbers identifying individual packages.	C an..35	O
	7102	<b>Shipping marks</b> Marks and numbers identifying individual packages.	C an..35	O
8275		<b>CONTAINER OR PACKAGE STATE, CODED</b> Code to identify whether goods of separate description or comprising separate consignments are contained in the same external packaging or to indicate that a container or similar unit load device is empty.	C an..3	X
C827		<b>TYPE OF MARKING</b> Specification of the type of marking that reflects the method that was used and the conventions adhered to for marking (e.g. of packages).	C	X
	7511	<b>Type of marking, coded</b> To specify the type of marking that reflects the method and the conventions adhered to for marking.	M an..3	X
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X





**Group:** **SGP** Segment Group 11: Split Goods Placement  
**Position:** 0400  
**Group:** Segment Group 10 (Goods Item Details) Mandatory  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 99  
**Purpose:** A group of segments to specify the distribution of a goods item among the transport equipment.  
**Notes:** *Could be used for split of the goods in a barge (in the combination of push barges).*

## Segment Summary

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
M	0410	SGP	Split Goods Placement	M	1	
O	0420	MEA	Measurements	C	1	



**Segment:** **SGP** Split Goods Placement  
**Position:** 0410 (Trigger Segment)  
**Group:** SG6-SG10-SG11  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify the equipment (such as barge identification) in which the goods are transported.

**Dependency Notes:**

Data Element Summary				
<u>Data</u>	<u>Component</u>		<u>Base</u>	<u>User</u>
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
C237		<b>EQUIPMENT IDENTIFICATION</b>	<b>M</b>	<b>M</b>
		Marks (letters and/or numbers) identifying equipment used for transport such as a container.		
	8260	<b>Equipment identification number</b>	<b>C an..17</b>	<b>R</b>
		Marks (letters and/or numbers) which identify equipment e.g. unit load device.		
	1131	<b>Code list qualifier</b>	<b>C an..3</b>	<b>X</b>
		Identification of a code list.		
	3055	<b>Code list responsible agency, coded</b>	<b>C an..3</b>	<b>X</b>
		Code identifying the agency responsible for a code list.		
	3207	<b>Country, coded</b>	<b>C an..3</b>	<b>X</b>
		Identification of the name of a country or other geographical entity as specified in ISO 3166.		
7224		<b>NUMBER OF PACKAGES</b>	<b>C n..8</b>	<b>X</b>
		Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.		



**Segment:** **MEA** Measurements  
**Position:** 0420  
**Group:** SG6-SG10-SG11  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to specify measurements of that portion of the goods item in the equipment.

**Dependency Notes:**

Data Element Summary				
Data	Component		Base	User
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
6311		<b>MEASUREMENT PURPOSE QUALIFIER</b> Specification of the purpose of the measurement. <i>AAE Measurement</i> <i>[6314] Value of the measured unit.</i>	M an..3	M
C502		<b>MEASUREMENT DETAILS</b> Identification of measurement type.	C	R
	6313	<b>Property measured, coded</b> Specification of the property measured. <i>G Gross weight</i> <i>[6292] Weight (mass) of goods including packing but excluding the carrier's equipment.</i>	C an..3	R
	6321	<b>Measurement significance, coded</b> Code specifying the significance of a measurement value.	C an..3	X
	6155	<b>Measurement attribute identification</b> Code used to specify non-discrete measurement values.	C an..17	X
	6154	<b>Measurement attribute</b> To specify non-discrete measurement values.	C an..70	X
C174		<b>VALUE/RANGE</b> Measurement value and relevant minimum and maximum values of the measurement range.	C	R
	6411	<b>Measure unit qualifier</b> Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. <i>KGM Kilogram</i> <i>TNE (Metric) Tonne</i>	M an..3	M
	6314	<b>Measurement value</b> Value of the measured unit.	C an..18	R
	6162	<b>Range minimum</b> Minimum of a range.	C n..18	X
	6152	<b>Range maximum</b> Maximum of a range.	C n..18	X
	6432	<b>Significant digits</b> To specify the number of significant digits.	C n..2	X
7383		<b>SURFACE/LAYER INDICATOR, CODED</b> Code indicating the surface or layer of a product that is being described.	C an..3	X



**Group:** **DGS** Segment Group 12: Dangerous Goods  
**Position:** 0430  
**Group:** Segment Group 10 (Goods Item Details) Mandatory  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A group of segments to specify the dangerous goods details of the goods item. A goods item can be classified by only one dangerous goods class.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	0440	DGS	Dangerous Goods	M	1	
M	0450	FTX	Free Text	M	1	
O	0450	FTX	Free Text	O	1	
M	0460	MEA	Measurements	M	5	
O	0470	LOC	Place/Location Identification	C	99	
O	0480	RFF	Reference	C	9	
	0490		Segment Group 13: Split Goods Placement	C		99



**Segment:** **DGS** Dangerous Goods  
**Position:** 0440 (Trigger Segment)  
**Group:** SG6-SG10-SG12  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to indicate the dangerous goods regulation information, e.g. IMO code, UNDG number, dangerous goods class, packing group.

**Dependency Notes:**

Data Element Summary				
Data	Component		Base	User
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
8273		<b>DANGEROUS GOODS REGULATIONS, CODED</b> Code indicating the regulation, international or national, applicable for a means of transport. <i>GOODS HAZARD REGULATIONS CODED M</i>	C an..3	O
		<i>IMD</i> <i>IMO IMDG code</i> <i>Regulations regarding the transportation of dangerous goods on ocean-going vessels issued by the International Maritime Organization.</i>		
C205		<b>HAZARD CODE</b> The identification of the dangerous goods in code.	C	R
	8351	<b>Hazard code identification</b> Dangerous goods code. <i>GOODS HAZARD REGULATIONS CLASS M</i>	M an..7	M
	8078	<b>Hazard substance/item/page number</b> Number giving additional hazard code classification of a goods item within the applicable dangerous goods regulation. <i>GOODS HAZARD REGULATIONS PAGE NO O</i>	C an..7	O
	8092	<b>Hazard code version number</b> The version/revision number of date of issuance of the code used. <i>GOODS HAZARD REGULATIONS AMENDMENT NO O</i>	C an..10	O
C234		<b>UNDG INFORMATION</b> Information on dangerous goods, taken from the United Nations Dangerous Goods classification.	C	R
	7124	<b>UNDG number</b> Unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried. <i>GOODS HAZARD REFERENCE UNDG M</i>	C n4	R
	7088	<b>Dangerous goods flashpoint</b> Lowest temperature, in the case of dangerous goods, at which vapour from an inflammable liquid forms an ignitable mixture with air.	C an..8	X
C223		<b>DANGEROUS GOODS SHIPMENT FLASHPOINT</b> Temperature at which a vapor can be ignited as per ISO 1523/73.	C	O
	7106	<b>Shipment flashpoint</b> Temperature in centigrade determined by the closed cup test as per ISO 1523/73 where a vapour is given off that can be ignited. <i>GOODS HAZARD FLASHPOINT O</i>	C n3	R
	6411	<b>Measure unit qualifier</b> Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. <i>GOODS HAZARD FLASHPOINT UNIT C</i>	C an..3	R
		<i>CEL</i> <i>Degree Celsius</i> <i>FAH</i> <i>Degree Fahrenheit</i>		
8339		<b>PACKING GROUP, CODED</b> Identification of a packing group by code. <i>GOODS HAZARD PACKING GROUP CODED O</i>	C an..3	O
		<i>I</i> <i>Great danger (I)</i>		



				<i>Packaging meeting criteria to pack hazardous materials with great danger. Group I according to IATA/IMDG/ADR/RID regulations.</i>
	2			<i>Medium danger (II)</i>
				<i>Packaging meeting criteria to pack hazardous materials with medium danger. Group II according to IATA/IMDG/ADR/RID regulations.</i>
	3			<i>Minor danger (III)</i>
				<i>Packaging meeting criteria to pack hazardous materials with minor danger. Group III according to IATA/IMDG/ADR/RID regulations.</i>
8364	<b>EMS NUMBER</b>	C	an..6	O
	Emergency procedures for ships carrying dangerous goods.			
	<i>GOODS HAZARD REFERENCE EMS O</i>			
8410	<b>MFAG</b>	C	an..4	O
	Medical first aid guide.			
	<i>GOODS HAZARD REFERENCE MFAG O</i>			
8126	<b>TREM CARD NUMBER</b>	C	an..10	X
	The identification of a transport emergency card giving advice for emergency actions.			
C235	<b>HAZARD IDENTIFICATION PLACARD</b>	C		X
	<b>DETAILS</b>			
	These numbers appear on the hazard identification placard required on the means of transport.			
8158	<b>Hazard identification number, upper part</b>	C	an..4	X
	The id. number for the Orange Placard (upper part) required on the means of transport.			
8186	<b>Substance identification number, lower part</b>	C	an4	X
	The number for the Orange Placard (lower part) required on the means of transport.			
C236	<b>DANGEROUS GOODS LABEL</b>	C		O
	Markings identifying the type of hazardous goods and similar information.			
8246	<b>Dangerous goods label marking</b>	C	an..4	O
	Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.			
	<i>GOODS HAZARD REGULATIONS SUBSIDIARY RISK O</i>			
8246	<b>Dangerous goods label marking</b>	C	an..4	O
	Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.			
8246	<b>Dangerous goods label marking</b>	C	an..4	O
	Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.			
8255	<b>PACKING INSTRUCTION, CODED</b>	C	an..3	X
	Code defining the quantity and the type of package in which a product is allowed to be shipped in a passenger or freight aircraft.			
8325	<b>CATEGORY OF MEANS OF TRANSPORT, CODED</b>	C	an..3	X
	Identification of the type of means of transport determined to carry particular goods, not necessarily being hazardous.			
8211	<b>PERMISSION FOR TRANSPORT, CODED</b>	C	an..3	X
	Code giving evidence that transportation of particular hazardous cargo is permitted and identifies the restrictions being put upon a particular transport.			



**Segment:** **FTX** Free Text  
**Position:** 0450  
**Group:** SG6-SG10-SG12  
**Level:** 4  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify processable supplementary information relating to the dangerous goods. The text subject to be qualified (each qualifier may occur only once): -  
 Dangerous goods technical name - Dangerous goods additional information

**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4451		<b>TEXT SUBJECT QUALIFIER</b> Code specifying subject of a free text. <i>AAD Dangerous goods, technical name</i> <i>Proper shipping name, supplemented as necessary with the correct technical name, by which a dangerous substance or article may be correctly identified or which is sufficiently informative to permit identification by reference to generally available literature.</i>	M an..3	M
4453		<b>TEXT FUNCTION, CODED</b> Code specifying the purpose of the text.	C an..3	X
C107		<b>TEXT REFERENCE</b> Coded reference to a standard text and its source.	C	O
	4441	<b>Free text identification</b> Free text in coded form.	M an..17	M
		<b>GOODS HAZARD LIMITED QUANTITIES INDICATOR</b> O <i>TLQ Transport of dangerous goods in limited quantities</i>		
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	O
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	O
C108		<b>TEXT LITERAL</b> Free text; one to five lines.	C	R
	4440	<b>Free text</b> Free text field available to the message sender for information.	M an..70	M
		<b>GOODS HAZARD CHEMICAL/TECHNICAL NAME</b> M		
	4440	<b>Free text</b> Free text field available to the message sender for information.	C an..70	O
	4440	<b>Free text</b> Free text field available to the message sender for information.	C an..70	O
	4440	<b>Free text</b> Free text field available to the message sender for information.	C an..70	O
	4440	<b>Free text</b> Free text field available to the message sender for information.	C an..70	O
3453		<b>LANGUAGE, CODED</b> Code of language (ISO 639-1988).	C an..3	X
4447		<b>TEXT FORMATTING, CODED</b> Code specifying the formatting parameters for the text.	C an..3	X



**Segment:** **FTX** Free Text  
**Position:** 0450  
**Group:** SG6-SG10-SG12  
**Level:** 4  
**Usage:** Optional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to specify processable supplementary information relating to the dangerous goods. The text subject to be qualified (each qualifier may occur only once): -  
 Dangerous goods technical name - Dangerous goods additional information

**Dependency Notes:**

Data Element Summary				
Data	Component		Base	User
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
4451		<b>TEXT SUBJECT QUALIFIER</b> Code specifying subject of a free text. AAC <i>Dangerous goods additional information</i> <i>Additional information concerning dangerous goods.</i>	M an..3	M
4453		<b>TEXT FUNCTION, CODED</b> Code specifying the purpose of the text.	C an..3	X
C107		<b>TEXT REFERENCE</b> Coded reference to a standard text and its source.	C	R
	4441	<b>Free text identification</b> Free text in coded form. <b>GOODS HAZARD MARPOL INDICATOR O</b> (Code: P or PP) A <i>Additional information</i> <i>Composite data element C108 contains Additional information on the dangerous goods.</i> F <i>Fumigation information</i> <i>Composite data element C108 contains Fumigation information of the goods.</i> P <i>Marine pollutant</i> PP <i>Severe marine pollutant</i> R <i>Radioactive information</i> <i>Composite data element C108 contains Radioactive information of the goods.</i>	M an..17	M
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X
C108		<b>TEXT LITERAL</b> Free text; one to five lines.	C	O
	4440	<b>Free text</b> Free text field available to the message sender for information. <b>GOODS HAZARD INFO ADDITIONAL O</b> <b>GOODS HAZARD FUMIGATION INFO O</b> <b>GOODS HAZARD MARPOL INFO O</b> <b>GOODS HAZARD RADIOACTIVE INFO O</b> (See attribute definitions for recommendations on use of free text lines.)	M an..70	M
	4440	<b>Free text</b> Free text field available to the message sender for information.	C an..70	O
	4440	<b>Free text</b> Free text field available to the message sender for information.	C an..70	O
	4440	<b>Free text</b> Free text field available to the message sender for information.	C an..70	O
	4440	<b>Free text</b> Free text field available to the message sender for information.	C an..70	O
3453		<b>LANGUAGE, CODED</b> Code of language (ISO 639-1988).	C an..3	X
4447		<b>TEXT FORMATTING, CODED</b> Code specifying the formatting parameters for the text.	C an..3	X



**Segment:** **MEA** Measurements  
**Position:** 0460  
**Group:** SG6-SG10-SG12  
**Level:** 4  
**Usage:** Mandatory  
**Max Use:** 5  
**Purpose:** A segment to specify a measurement of the dangerous part of the goods item. The measurement to be qualified: - Net weight - Gross weight

**Dependency Notes:**

Data Element Summary				
Data	Component		Base	User
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
6311		<b>MEASUREMENT PURPOSE QUALIFIER</b> Specification of the purpose of the measurement. <i>AAE Measurement</i> <i>[6314] Value of the measured unit.</i>	<b>M an..3</b>	<b>M</b>
C502		<b>MEASUREMENT DETAILS</b> Identification of measurement type.	<b>C</b>	<b>R</b>
	6313	<b>Property measured, coded</b> Specification of the property measured. <i>AAL Net weight</i> <i>[6160] Weight (mass) of goods including any packing normally going with them to a buyer in a retail sale.</i> <i>AEN Radioactive index of transport</i> <i>The index of transport determines the maximum radiation level at a distance of 1m from the external surface.</i> <i>Ref.: IMO class 7, chapter 2.7.6.1.</i> <i>AEO Radioactivity</i> <i>Activity of radioactive material.</i> <i>Ref.: IMO class 7, chapter 2.7.7.2.</i> <i>G Gross weight</i> <i>[6292] Weight (mass) of goods including packing but excluding the carrier's equipment.</i> <i>T19 Net explosive weight</i> <i>Weight (mass) of the explosive part or substance of goods without any packing.</i> <i>T20 Radioactive criticality safety index</i> <i>The criticality safety index, assigned to fissile material, is a number which is used to provide control over the accumulation of packages containing fissile material.</i> <i>Ref.: IMO class 7, chapter 2.7.6.2.</i> <i>*Code added.</i>	<b>C an..3</b>	<b>R</b>
	6321	<b>Measurement significance, coded</b> Code specifying the significance of a measurement value.	<b>C an..3</b>	<b>X</b>
	6155	<b>Measurement attribute identification</b> Code used to specify non-discrete measurement values.	<b>C an..17</b>	<b>X</b>
	6154	<b>Measurement attribute</b> To specify non-discrete measurement values.	<b>C an..70</b>	<b>X</b>
C174		<b>VALUE/RANGE</b> Measurement value and relevant minimum and maximum values of the measurement range.	<b>C</b>	<b>R</b>
	6411	<b>Measure unit qualifier</b> Indication of the unit of measure ment in which weight (mass), capacity, length, area, volume or other quantity is expressed. <i>4N Mega Becquerel</i> <i>BQL Becquerel</i> <i>CUR Curie</i> <i>GBQ Giga Becquerel</i> <i>KGM Kilogram</i> <i>NMB Number</i>	<b>M an..3</b>	<b>M</b>



(Used for Radioactive index of transport and for Radioactive criticality safety index.)

	<i>TBQ</i>	<i>Terra Becquerel</i>			
	<i>TNE</i>	<i>(Metric) Tonne</i>			
<b>6314</b>	<b>Measurement value</b>		<b>C</b>	<b>an..18</b>	<b>R</b>
	Value of the measured unit.				
	<i>GOODS HAZARD WEIGHT GROSS</i>	<i>O</i>			
	<i>GOODS HAZARD WEIGHT NET</i>	<i>O</i>			
	<i>GOODS HAZARD WEIGHT NET EXPLOSIVE</i>	<i>O</i>			
	<i>GOODS HAZARD RADIOACTIVE INDEX OF TRANSPORT</i>	<i>C</i>			
	<i>GOODS HAZARD RADIOACTIVE CRITICALITY SAFETY INDEX</i>	<i>C</i>			
	<i>GOODS HAZARD RADIOACTIVITY</i>	<i>C</i>			
<b>6162</b>	<b>Range minimum</b>		<b>C</b>	<b>n..18</b>	<b>X</b>
	Minimum of a range.				
<b>6152</b>	<b>Range maximum</b>		<b>C</b>	<b>n..18</b>	<b>X</b>
	Maximum of a range.				
<b>6432</b>	<b>Significant digits</b>		<b>C</b>	<b>n..2</b>	<b>X</b>
	To specify the number of significant digits.				
<b>7383</b>	<b>SURFACE/LAYER INDICATOR, CODED</b>		<b>C</b>	<b>an..3</b>	<b>X</b>
	Code indicating the surface or layer of a product that is being described.				



**Segment:** **LOC** Place/Location Identification  
**Position:** 0470  
**Group:** SG6-SG10-SG12  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 99  
**Purpose:** A segment to indicate the cell location on board of the means of transport.

**Dependency Notes:**

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
3227		<b>PLACE/LOCATION QUALIFIER</b> Code identifying the function of a location. <i>147 Stowage cell</i> <i>Location on a vessel where units can be stowed.</i>	M an..3	M
C517		<b>LOCATION IDENTIFICATION</b> Identification of a location by code or name.	C	R
	3225	<b>Place/location identification</b> Identification of the name of place/location, other than 3164 City name. <i>GOODS HAZARD AT STOWAGE PLACE MAIN O</i> <i>(See attribute definition for recommended format of stowage place.)</i>	C an..25	O
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X
	3224	<b>Place/location</b> Name of place/location, other than 3164 City name.	C an..70	X
C519		<b>RELATED LOCATION ONE IDENTIFICATION</b> Identification the first related location by code or name.	C	O
	3223	<b>Related place/location one identification</b> Specification of the first related place/location by code. <i>GOODS HAZARD AT STOWAGE PLACE MAIN HATCHCOVER NUMBER O</i>	C an..25	O
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X
	3222	<b>Related place/location one</b> Specification of the first related place/location by name. <i>GOODS HAZARD AT STOWAGE PLACE MAIN HATCHCOVER STATUS O</i>	C an..70	O
C553		<b>RELATED LOCATION TWO IDENTIFICATION</b> Identification of second related location by code or name.	C	X
	3233	<b>Related place/location two identification</b> Specification of a second related place/location by code.	C an..25	X
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X
	3232	<b>Related place/location two</b> Specification of a second related place/location by name.	C an..70	X
5479		<b>RELATION, CODED</b> To specify the relationship between two or more items.	C an..3	X



**Segment:** **RFF** Reference  
**Position:** 0480  
**Group:** SG6-SG10-SG12  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 9  
**Purpose:** A segment by which the declaring party can refer to (a) number(s) of approval concerning exceptions on the existing hazardous goods regulation, obtained from the responsible authority.

**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		<b>REFERENCE</b> Identification of a reference.	<b>M</b>	<b>M</b>
	<b>1153</b>	<b>Reference qualifier</b> Code giving specific meaning to a reference segment or a reference number. <i>ALF</i>	<b>M an..3</b>	<b>M</b>
				<i>Authorization number for exception to dangerous goods regulations Reference number allocated by an authority. This number contains an approval concerning exceptions on the existing dangerous goods regulations.</i>
	<b>1154</b>	<b>Reference number</b> Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	<b>C an..35</b>	<b>R</b>
		<b>GOODS HAZARD AUTHORIZATION NUMBER</b> <i>O</i>		
	<b>1156</b>	<b>Line number</b> Number of the line in the document/message referenced in 1154 Reference number.	<b>C an..6</b>	<b>X</b>
	<b>4000</b>	<b>Reference version number</b> To uniquely identify a reference by its version number.	<b>C an..35</b>	<b>X</b>
	<b>1060</b>	<b>Revision number</b> To specify a revision number.	<b>C an..6</b>	<b>X</b>



**Group:** **SGP** Segment Group 13: Split Goods Placement  
**Position:** 0490  
**Group:** Segment Group 12 (Dangerous Goods) Mandatory  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 99  
**Purpose:** A group of segments to specify the distribution of the dangerous goods among transport equipment.

## Segment Summary

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
M	0500	SGP	Split Goods Placement	M	1	
O	0510	LOC	Place/Location Identification	C	1	
O	0520	MEA	Measurements	C	4	



**Segment:** **SGP** Split Goods Placement  
**Position:** 0500 (Trigger Segment)  
**Group:** SG6-SG10-SG12-SG13  
**Level:** 4  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify the equipment (such as container number, barge identification, trailer identification) in which the dangerous goods is placed and the number of packages in that equipment.

**Dependency Notes:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C237		<b>EQUIPMENT IDENTIFICATION</b>	<b>M</b>	<b>M</b>
		Marks (letters and/or numbers) identifying equipment used for transport such as a container.		
	<b>8260</b>	<b>Equipment identification number</b>	<b>C an..17</b>	<b>R</b>
		Marks (letters and/or numbers) which identify equipment e.g. unit load device.		
		<i>GOODS HAZARD IN CONTAINER ID PREFIX &amp; NO</i>	<i>O</i>	
	<b>1131</b>	<b>Code list qualifier</b>	<b>C an..3</b>	<b>X</b>
		Identification of a code list.		
	<b>3055</b>	<b>Code list responsible agency, coded</b>	<b>C an..3</b>	<b>X</b>
		Code identifying the agency responsible for a code list.		
	<b>3207</b>	<b>Country, coded</b>	<b>C an..3</b>	<b>X</b>
		Identification of the name of a country or other geographical entity as specified in ISO 3166.		
7224		<b>NUMBER OF PACKAGES</b>	<b>C n..8</b>	<b>O</b>
		Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.		
		<i>GOODS HAZARD IN CONTAINER PACKAGE TOTAL NUMBER</i>	<i>O</i>	



**Segment:** **LOC** Place/Location Identification  
**Position:** 0510  
**Group:** SG6-SG10-SG12-SG13  
**Level:** 5  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to indicate the cell location on board of the means of transport, for each equipment in which dangerous cargo is stored.

**Dependency Notes:**

Data Element Summary				
Data	Component		Base	User
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
3227		<b>PLACE/LOCATION QUALIFIER</b> Code identifying the function of a location. 147 Stowage cell Location on a vessel where units can be stowed.	M an..3	M
C517		<b>LOCATION IDENTIFICATION</b> Identification of a location by code or name.	C	R
	3225	<b>Place/location identification</b> Identification of the name of place/location, other than 3164 City name. <i>EQUIPMENT AT STOWAGE PLACE O</i> (See attribute definition for recommended format of stowage place.)	C an..25	O
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X
	3224	<b>Place/location</b> Name of place/location, other than 3164 City name.	C an..70	X
C519		<b>RELATED LOCATION ONE IDENTIFICATION</b> Identification the first related location by code or name.	C	O
	3223	<b>Related place/location one identification</b> Specification of the first related place/location by code. <i>EQUIPMENT AT STOWAGE PLACE MAIN HATCH COVER NUMBER O</i>	C an..25	O
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X
	3222	<b>Related place/location one</b> Specification of the first related place/location by name. <i>EQUIPMENT AT STOWAGE PLACE MAIN HATCH COVER STATUS O</i>	C an..70	O
C553		<b>RELATED LOCATION TWO IDENTIFICATION</b> Identification of second related location by code or name.	C	X
	3233	<b>Related place/location two identification</b> Specification of a second related place/location by code.	C an..25	X
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X
	3232	<b>Related place/location two</b> Specification of a second related place/location by name.	C an..70	X
5479		<b>RELATION, CODED</b> To specify the relationship between two or more items.	C an..3	X



**Segment:** **MEA** Measurements

**Position:** 0520

**Group:** SG6-SG10-SG12-SG13

**Level:** 5

**Usage:** Conditional (Optional)

**Max Use:** 4

**Purpose:** A segment to specify a measurement of that placement in the equipment. The transport measurements to be qualified: - Net weight - Gross weight

**Dependency Notes:**

**Notes:** \*Number of repeats increased from 2 to 5.

Data Element Summary				
Data	Component		Base	User
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
6311		<b>MEASUREMENT PURPOSE QUALIFIER</b> Specification of the purpose of the measurement. AAE <i>Measurement</i> [6314] <i>Value of the measured unit.</i>	M an..3	M
C502		<b>MEASUREMENT DETAILS</b> Identification of measurement type.	C	R
	6313	<b>Property measured, coded</b> Specification of the property measured. AAL <i>Net weight</i> [6160] <i>Weight (mass) of goods including any packing normally going with them to a buyer in a retail sale.</i> AEN <i>Radioactive index of transport</i> <i>The index of transport determines the maximum radiation level at a distance of 1m from the external surface.</i> <i>Ref.: IMO class 7, chapter 2.7.6.1.</i> AEO <i>Radioactivity</i> <i>Activity of radioactive material.</i> <i>Ref.: IMO class 7, chapter 2.7.7.2.</i> G <i>Gross weight</i> [6292] <i>Weight (mass) of goods including packing but excluding the carrier's equipment.</i> T19 <i>Net explosive weight</i> <i>Weight (mass) of the explosive part or substance of goods without any packing.</i> T20 <i>Radioactive criticality safety index</i> <i>The criticality safety index, assigned to fissile material, is a number which is used to provide control over the accumulation of packages containing fissile material.</i> <i>Ref.: IMO class 7, chapter 2.7.6.2.</i>	C an..3	R
	6321	<b>Measurement significance, coded</b> Code specifying the significance of a measurement value.	C an..3	X
	6155	<b>Measurement attribute identification</b> Code used to specify non-discrete measurement values.	C an..17	X
	6154	<b>Measurement attribute</b> To specify non-discrete measurement values.	C an..70	X
C174		<b>VALUE/RANGE</b> Measurement value and relevant minimum and maximum values of the measurement range.	C	R
	6411	<b>Measure unit qualifier</b> Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. 4N <i>Mega Becquerel</i> BQL <i>Becquerel</i> CUR <i>Curie</i> GBQ <i>Giga Becquerel</i> KGM <i>Kilogram</i> NMB <i>Number</i> <i>(Used for Radioactive index of transport and for Radioactive</i>	M an..3	M





		<i>criticality safety index.)</i>			
	<i>TBQ</i>	<i>Terra Becquerel</i>			
	<i>TNE</i>	<i>(Metric) Tonne</i>			
<b>6314</b>	<b>Measurement value</b>		<b>C</b>	<b>an..18</b>	<b>R</b>
	Value of the measured unit.				
	<i>GOODS HAZARD IN CONTAINER WEIGHT GROSS</i>	<i>O</i>			
	<i>GOODS HAZARD IN CONTAINER WEIGHT NET</i>	<i>O</i>			
	<i>GOODS HAZARD IN CONTAINER WEIGHT NET EXPLOSIVE</i>	<i>O</i>			
	<i>GOODS HAZARD IN CONTAINER RADIOACTIVE INDEX OF TRANSPORT</i>	<i>O</i>			
	<i>GOODS HAZARD IN CONTAINER RADIOACTIVE CRITICALITY SAFETY INDEX</i>	<i>O</i>			
	<i>GOODS HAZARD IN CONTAINER RADIOACTIVITY</i>	<i>O</i>			
<b>6162</b>	<b>Range minimum</b>		<b>C</b>	<b>n..18</b>	<b>X</b>
	Minimum of a range.				
<b>6152</b>	<b>Range maximum</b>		<b>C</b>	<b>n..18</b>	<b>X</b>
	Maximum of a range.				
<b>6432</b>	<b>Significant digits</b>		<b>C</b>	<b>n..2</b>	<b>X</b>
	To specify the number of significant digits.				
<b>7383</b>	<b>SURFACE/LAYER INDICATOR, CODED</b>		<b>C</b>	<b>an..3</b>	<b>X</b>
	Code indicating the surface or layer of a product that is being described.				



**Segment:**     **UNT** Message Trailer  
**Position:**   0530  
**Group:**  
**Level:**      0  
**Usage:**      Mandatory  
**Max Use:**     1  
**Purpose:**      A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

**Dependency Notes:**

Data Element Summary				
Data	Component		Base	User
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
0074		NUMBER OF SEGMENTS IN A MESSAGE Control count of number of segments in a message.	M   n..6	M
0062		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender.	M   an..14	M

## 5 Examples of representation of dangerous goods information

This chapter contains examples of how to specify dangerous goods information in the EDIFACT message segments.

This part is an update of the examples presented in the PROTECT 1.0 Dangerous Goods message scenario (these are still valid except there where subdivisions of IMO Class 3 were mentioned, because the subdivisions are no longer used as per Amendment 30).

Included are some specific usages of segments and some examples of complete notification messages.

### 5.1 Examples of specific DGS segment group usage

#### a) IMDG Code

For a Dangerous goods in class 3 (flammable liquids) of the IMO's IMDG Regulation, having a United Nation Dangerous Goods number of 1194, and a flashpoint of -21 degrees Centigrade closed cup, packing group I and of which the dangerous goods technical name or proper shipping name is ETHYL NITRITE, SOLUTIONS,

the DGS segment and corresponding FTX segment are completed as follows:

```
DGS+IMD+3+1194+-21.0:CEL+1'
FTX+AAD+++ETHYL NITRITE,SOLUTIONS'
```

#### b) Primary risk and subsidiary risk

For a Dangerous goods with a primary hazard in class 3 (flammable liquids) of the IMO's IMDG Regulation and a subsidiary risk 6.1 (poisonous (toxic) substances), having a United Nation Dangerous Goods number of 1194, and a flashpoint of -21 degrees Centigrade closed cup, packing group I,

the DGS segment is completed as follows:

```
DGS+IMD+3+1194+-21.0:CEL+1+++6.1'
```

#### c) Dangerous goods in Limited quantities

A dangerous goods with the technical name ETHANOL, is to be shipped in limited quantities according to IMO's IMDG chapter 18. The IMO's IMDG hazard class code is 3, the UNDG number is 1170.

When limited quantities are applicable IMO's IMDG stipulates that the Hazard class should always be completed and that the UNDG number may or may not be supplied. As the UNDG number is mandatory in the DGS segment, this results in two possible examples for completion of the DGS and FTX segments:

- Possibility 1:

UNDG Number: 0000

Dangerous Goods Technical Name: "DANGEROUS GOODS IN LIMITED QUANTITIES OF CLASS 3".

The DGS segment and corresponding FTX segment are completed as follows:

```
DGS+IMD+3+0000'
FTX+AAD++TLQ+DANGEROUS GOODS IN LIMITED QUANTITIES OF CLASS 3'
```

- Possibility 2:

UNDG Number: 1170,

Dangerous Goods Technical Name: "ETHANOL IN LIMITED QUANTITIES".

The DGS segment and corresponding FTX segment are completed as follows:

```
DGS+IMD+3+1170'
FTX+AAD++TLQ+ ETHANOL IN LIMITED QUANTITIES'
```



**d) Proper shipping name and Correct technical name**

Proper shipping name and Correct technical name are quoted as: "FLAMMABLE LIQUID, N.O.S. (Ethanol and Dodecylphenol)".

The additional description in brackets is the Recognized chemical name. It is part of the correct description of the goods and must be notified, as follows:

FTX+AAD+++FLAMMABLE LIQUID, N.O.S. (ETHANOL AND DODECYLPHENOL) '

## 5.2 Examples of complete IFTDGN messages.

### a) Example 1 – Container vessel

A Dangerous Goods Notification, identified by number 'DGN-950315' is send as 'Original', for a 'container vessel' ('89N') which is expected to arrive in the port of call, Rotterdam, on 'July 16, 1998, at 10:30 hours' local time. The notification is issued on 'July 15, 1998, at 15:30 hours' local time. The Lloyd's number of this container vessel is '7427764', the Radio Call Sign is 'LZGS', and the name of the vessel is 'Holbrooke Herald'. The carrier's voyage number is 'C0171'. The vessel will berth at berth locations 'G3011' and 'G3023' in that port.

The carriers agent responsible for the notification to the authority is: 'Uxford Agencies' in 'London'. The contact person for the notification at the carrier's agent's office is 'Mr. Baker'. Uxford Agencies is also the sender of the EDI-message. The message recipient of the notification is the port authority in 'Antbrefelhamlehrot'.

At the first berth location 'G3011' the first consignment ('1'), identified with 'BL3017', will be 'Discharged' Its port of loading was Bremen and its port of discharge is (consequently) Rotterdam. The estimated date/time of the discharge operation for the consignment is 'July 17, 1998, at 11:00 hours'.

This consignment consists of: one goods item of dangerous goods with proper shipping name 'Corrosive solid, acidic, N.O.S. (glycolic acid)', gross weight '20.550 tons', net weight '18.55 tons' and packed in '112' 'drums'. The 'IMDG' class of glycolic acid is '8.0', the UNDG number '3261', the packing group is III, and the flashpoint '5 degrees Celsius'. These goods are transported in container 'KNLU1593212' (being a 'large freight container'). The stowage of this container is Bay 112, Row 3, Tier 8. The 'on-carriage' of the consignment will take place by a 'road' vehicle which is identified by 'DJ-PF-01'.

The second consignment '2' will be 'Remain on Board' (ROB, in transit), was loaded on board in Bremen and will be discharged in Felixstowe. It consists of: one goods item of dangerous goods with proper shipping name 'xylenols', gross weight '21.7 tons' packed in '73' 'cans'. The 'IMDG' class of xylenols is '6.1', the UNDG number '2261'. This dangerous good is transported in two 'large freight containers':

- the first container has identification 'SEAU8443304', has a gross weight of '14.3 tons', contains '33' of the cans and is stowed at 'Bay 43, Row 7, Tier 5';
- the second container has identification 'ICSU1845678', has a gross weight of '7.4 tons', contains '40' of the cans and is stowed at 'Bay 71, Row 5, Tier 2'.

Next the vessel takes berth at location 'G3023' in the port where the vessel will 'load' a third consignment ('3') with dangerous goods.

The load operation for this consignment at this berth is expected to take place March 16, 1995 at 16:30h. This consignment consists of one goods item of dangerous goods with proper shipping name 'sludge acid', gross weight 14 tons, contained in '2240' bottles (as inner package) which are packed in '115' 'boxes' as outer packages. The 'IMDG' class of glycolic acid is '8.0', the UNDG number '1906'. This dangerous goods is transported in container 'OCLU8100631'. The stowage of this container is 'Bay 52, Row 5, Tier 8'.

Corresponding IFTDGN message for Example 1:

```
UNH+30123431+IFTDGN:D:98B:UN:PROT11'
BGM+89N+DGN1004+9'
DTM+137:199807151630:203'
TDT+20+C0171+1+++++7427764:::HOLBROOKE HERALD'
RFF+VM:LZGS'
LOC+153+NLRTM+G3011'
LOC+153+NLRTM+G3023'
DTM+132:199807161030:203'
```

```
NAD+MS+UXFOLD+UXFOLD AGENCIES:CHURCH STREET 7:LONDON'
NAD+CG+UXFOLD+UXFOLD AGENCIES:CHURCH STREET 7:LONDON'
CTA+IC+:MR. BAKER'
NAD+MR+PAPROTECT+PORT OF ANTREFELHAMLEHROT'
```



CNI+1+BL3017 '  
 HAN+LDI '  
 DTM+369:199807171100:203 '  
 LOC+T34+NLRTM+G3011:BER:ZZZ '  
 LOC+9+GEBRE '  
 LOC+11+NLRTM '

TDT+30++3+++++DJ-PF-01 '

GID+1+112:DR '  
 FTX+AAA++2 '  
 DGS+IMD+8.0+3261+-5:CEL+3 '  
 FTX+AAD+++GLYCOLIC ACID '  
 MEA+AAE+G+TNE+20.550 '  
 MEA+AAE+AAL+TNE+18.55 '  
 SGP+KNLU1593212+112 '  
 LOC+147+1120308 '

CNI+2 '  
 HAN+T '  
 DTM+369:9503161100:201 '  
 LOC+T34+NLRTM+G3011:BER:ZZZ '  
 LOC+9+GEBRE '  
 LOC+11+GBFXT '

GID+1+73:CA '  
 FTX+AAA++2 '  
 DGS+IMD+6.1+2261 '  
 FTX+AAD+++XYLENOLS '  
 MEA+AAE+G+TNE:21.7 '  
 SGP+SEAU8443304+40 '  
 LOC+147+0430705 '  
 MEA+AAE+G+TNE:14.3 '  
 SGP+ICSU1845678+33 '  
 LOC+147+0710502 '  
 MEA+AAE+G+TNE:7.4 '

CNI+3+BL5055 '  
 HAN+LLO '  
 DTM+369:9503161630:201 '  
 LOC+T34+NLRTM+G3023:BER:ZZZ '

GID+1+115:BX+2240:BQ '  
 FTX+AAA++2 '  
 DGS+IMD+8.0+1906 '  
 FTX+AAD+++SLUDGE ACID '  
 MEA+AAE+G+TNE:14 '  
 SGP+OCLU8100631+115 '  
 LOC+147+0520508 '

UNT+57+30123431 '



## b) Example 2 – Tanker vessel

A Dangerous Goods Notification, identified by number '1000312' is send as 'Original', for a 'tanker vessel' ('89T') which is expected to arrive in the port at 'November 6, 1998, at 23:00 hours' local time. The notification is issued on 'November 6, 1998 at 05:00 hours' local time. The Lloyd's number of this vessel is '3135521', the Radio Call Sign is 'ABXC', and the name of the vessel is 'Monte Rhea'. Expected departure date of the vessel is 'November 9, 1998 at 13:00 hours'.

The sender of the message is 'Maritime Data Entry Services' in 'Harwich', contact person is 'Mrs. Strafford'. The carriers agent responsible for the notification is 'Uxfold Agencies' in 'London', contact person is 'Mr. Baker'.

The message recipient of the notification is the port authority in 'Antbrefelhamlehrot'.

The vessel takes first berth at 'Robo Tank Terminals' and secondly at 'Queens Terminal'.

All consignments notified in this notification message will be 'discharged' from the vessel.

The first consignment ('1') consists of one goods item described as 'acetone' in 'Liquid bulk' being a dangerous goods with proper shipping name 'glycolic acid', gross weight '2000 tons'. The 'IMDG' class of glycolic acid is '3', the UNDG number '1090'. Tanks 3 starboard '3S' and 2 portside '2P' of the vessel contain this dangerous goods. The expected date/time of the discharge operation is 'November 7, 1998 at 03:20 hours'.

The next place of berth is 'Queens Terminal'. The expected date/time of the discharge action for the second ('2') consignment at this berth is 'November 7, 1998 at 16:30 hours'. The consignment consists of two goods items:

- the first goods item ('1') consists of a dangerous goods called 'phosphoricacid', gross weight '210 ton'. The 'IMDG' class of phosphoricacid is '8.0', and the UNDG number '1805'. The stowage position of the phosphoricacid is tank seven portside '7P'.
- the second goods item ('2') consists of a dangerous goods called 'dioctylphthalate', gross weight '3.1 ton'. An 'IMDG' classification and a UNDG number have not been assigned. It is mentioned in the MARPOL as marine pollutant ('P'). The stowage of the dioctylphthalate is tank '7S'.

Corresponding IFTDGN message for Example 2:

```

UNH+541432+IFTDGN:D:98B:UN:PROT11'
BGM+89T+1000312+9'
DTM+137:199811060500:203'
HAN+LDI'
TDT+20++1+++++3135521::MONTE RHEA'
RFF+VM:ABXC'
LOC+153+NLRTM+ROBO TANK TERMINALS'
LOC+153+NLRTM+QUEENS TERMINAL'
DTM+132:199811062300:203'
DTM+133:199811091300:203'
NAD+MS+MARDES+MARITIME DATA ENTRY SERVICES:KINGSLANE 117:HARWICH'
CTA+IC+:MRS. STRAFFORD'
NAD+CG+UXFOLD+UXFOLD AGENCIES:CHURCH STREET 7:LONDON'
CTA+IC+:MR. BAKER'
NAD+MR+PAPROTECT+PORT OF ANTREFELHAMLEHROT'

CNI+1'
DTM+369:199811070320:203'
LOC+T34+NLRTM+ROBO TANK TERMINALS:BER:ZZZ'

GID+1'
FTX+AAA++0+ACETONE'
DGS+IMD+3+1090'
FTX+AAD+++GLYCOLIC ACID'
LOC+147+3S'
LOC+147+2P'
MEA+AAE+G+TNE+2000'

```



CNI+2 '  
DTM+369:199811071630:203 '  
LOC+T34+NLRTM+QUEENS TERMINAL:BER:ZZZ '

GID+1 '  
FTX+AAA++0 '  
DGS+IMD+8.0+1805 '  
FTX+AAD+++PHOSPORICACID '  
LOC+147+7P '  
MEA+AAE+G+TNE:210 '

GID+2 '  
DGS+IMD+0.00+0000 '  
FTX+AAD+++DIOCTYLPHTHALATE '  
FTX+AAC++P '  
LOC+7S '  
MEA+AAE+G+TNE:3.1 '

UNT+40+541432 '

### c) Example 3 – Cancelation message for example 2

A Dangerous Goods Notification, identified by number '1000312' (as per example 2) has been sent, but is to be cancelled by sending a new Dangerous Goods Notification message, identified by number '1000313' with the indication 'Cancellation'.

The new notification is issued on 'November 6, 1998 at 23:30 hours' local time.

This example message further contains only that data (from example 2) that is required according to the specification in this message implementation guide.

Corresponding IFTDGN message for Example 3:

UNH+541433+IFTDGN:D:98B:UN:PROT11 '  
BGM+89T+1000313+1 '  
DTM+137:199811062330:203 '  
HAN+LDI '  
RFF+ACW:1000312 '  
TDT+20++1+++++3135521 '  
RFF+VM:ABXC '  
DTM+132:199811062300:203 '  
NAD+MS+MARDES+MARITIME DATA ENTRY SERVICES:KINGSLANE 117:HARWICH '  
NAD+CG+UXFOLD+UXFOLD AGENCIES:CHURCH STREET 7:LONDON '

CNI+1 '  
GID+1 '  
FTX+AAA++0+ACETONE '  
DGS+IMD+3+1090 '  
FTX+AAD+++GLYCOLIC ACID '

UNT+16+541433 '