

PART IV

EDIFACT MESSAGE IMPLEMENTATION GUIDE

Waste Disposal Information message WASDIS

of the:

PROTECT

DANGEROUS GOODS MESSAGE SCENARIO

Author: PROTECT Secretariat, Niek Waagmeester

WASDIS Waste Disposal Information Message

Table of contents

1	Message Principles.....	3
2	Data Attributes	4
	2.1 Code set for data attribute MARPOL ANNEX SUBDIVISION CODED.....	10
3	Message structure.....	11
4	Data segment specification.....	16

WASDIS Waste Disposal Information Message

1 Message Principles

Introduction:

A message to convey information on last inspection and/or on waste on board of a means of transport (e.g. vessel) and/or equipment related to a means of transport - and still to be disposed in the next place or port of call of the means of transport.

*Note: Message purpose amended (first 'and/or' was 'and').

Notes:

Message Principles

The following principles apply to the WASDIS message:

1. *One message relates to one conveyance/voyage of a means of transport in one port of call.*
2. *The message is based on the legal requirements regarding the notification of ship-generated waste and cargo residues by an agent/operator/master of a vessel to the Port Authority.*
3. *The message is based on and supports the implementation by means of EDI of the European Directive on Port Reception Facilities for ship-generated waste and cargo residues (Directive 2000/59/EC of the European Parliament and Council, dated 27 November 2000).*
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 Waste Notification message may contain several Waste items.*
5. *Waste items are identified according to the MARPOL treaty, which is officially known as the 'International Convention for the Prevention of Pollution from Ships, 1973', later modified and extended in 1978, and known as "MARPOL 73/78". The identification is achieved by the number of the Annex together with a further subdivision.*
6. *The message caters for the provision of sending a Replacement or a Cancellation of a previously sent Original message. Also a Pre-advice of items requiring further information can be send.*
Besides, the message can be used as an inter-port (or inter-authority) message (e.g. between Port Authorities).
7. *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.*
8. *The PROTECT Port Authorities have agreed to derive their local WASDIS 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 Message Implementation Guide.*
To minimise implementation differences for different ports it is advised to supply as much information as possible in each local WASDIS enabling the authorities to pick out what is locally required.
9. *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	In Directive	Mapping
Message type		WASDIS		
Sender	Operator or agent / Competent Authority (normally Port Authority) in Port of call (POC)	AG or CA-POC		
Receiver	Port Authority / Competent Authority in next port of call (NPC)	PA or CA-NPC		
Header info		M, 1x		
	MESSAGE INFO TYPE CODED -Indication whether message is a report from shipping agent to an authority for reporting information on waste disposal or an inter-port or inter-authority message reporting information on waste disposal (and inspection).	M	-	BGM.1001
	MESSAGE REFERENCE -Unique reference of the current message within the relevant message type, assigned by the sender of the message.	M	-	BGM.1004
	MESSAGE CHANGE PREVIOUS MESSAGE REFERENCE - Reference to the message that is being replaced by the current message. This reference has to equal the contents of the Message Reference of the message to which the current message refers.	C	-	RFF(ACW).1154
	MESSAGE FUNCTION INDICATOR -Indicator whether message is an Original Notification, a Replacement of a previously sent Notification or a Pre-advise of items requiring further information.	M	-	BGM.1225
	MESSAGE DATE/TIME - 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).)	M	J	DTM(137).2380.(203)
	MESSAGE RECIPIENT ID - Unique identification of the organization of the recipient of the message.	M	-	NAD(MR).3039
	MESSAGE RECIPIENT NAME & ADDRESS etc. - Name & address details - in free text format or structured - of the organization of the recipient of the message.	O	-	NAD(MR).3124 etc
	MESSAGE SENDER ID - Unique identification of the organization of the sender of the message.	M	-	NAD(MS).3039
	MESSAGE SENDER NAME & ADDRESS etc. - Name & address details - in free text format or structured - of the organization of the sender of the message.	O	-	NAD(MR).3124 etc.
Notification data		M, 1x		
	MAIN OCEAN SHIP'S STAY REFERENCE	O	-	RFF(ATZ).1154
	MAIN VESSEL POC CODED - Port of call of the main carriage vessel. (The information supplied in this message is relevant to the vessel's call in this port.) *Note: Use UNLOCODE for the port.	M	J	TDT(20).LOC(153).3225
	MAIN VESSEL POC BERTH CODED	O	-	TDT(20).LOC(153).3223

	Data attribute	M/O/C	In Directive	Mapping
	- Code for the place in the port of call where the vessel will moor/take berth. *Note: Use locally agreed code for the berth.			
	MAIN VESSEL POC WASTE DELIVERY INDICATOR - Indication whether All, Some or None of the waste of the vessel will be delivered in the port of call. <i>Note: Because this data item is redundant -as this indication can be derived from the detailed specifications of the wastes in the message (to be delivered, the capacity, etc)- this item is not included in the message.</i>	-	J	-
	MAIN VESSEL D/T ETA POC - Expected time of arrival of the main carriage vessel in the port of call.	M	J	TDT.DTM(132).2380.(203)
	MAIN VESSEL D/T ETD POC - Expected time of departure of the main carriage vessel from the port of call.	M	J	TDT.DTM(133).2380.(203)
	MAIN VESSEL INSPECTION D/T, LAST - Date at which the main carriage seagoing vessel was lastly inspected. *Note: In this context the last inspection for ship generated waste and cargo residues is meant. Condition: May only be used in case of Inter-port (inter-authority) message.	C	-	LOC.DTM(351=Inspection date).2380.(102)
	MAIN VESSEL PLACE/INSPECTION LAST CODED - Code for the place/port where the main carriage seagoing vessel was lastly inspected by or on behalf of the (port) authority. *Note: In this context the last inspection for ship generated waste and cargo residues is meant. Condition: May only be used in case of Inter-port message.	O	-	LOC(23=Port of Release).3225
	MAIN OCEAN CARRIER AGENT ID - Identification of the party responsible for notification on behalf of the carrier.	M	-	NAD(CG).3039
	MAIN OCEAN CARRIER AGENT NAME & ADDRESS etc. - Name and address details - in free text format or structured - of the party responsible for notification on behalf of the carrier.	O	-	NAD(CG).3124 etc.
	MAIN OCEAN CARRIER AGENT CONTACT NAME - Name of the person authorised to act as responsible person for "Signature" on behalf of the vessel operator/ carrier.	M	J (as Signature)	NAD.CTA(IC).3412
	MAIN OCEAN CARRIER AGENT PHONE/FAX/EMAIL	O	-	NAD.CTA(IC).COM.3148
Vessel data		M, 1x		
	MAIN VESSEL ID LRN - Identification of the seagoing vessel according to Lloyd's Register of Shipping (Lloyd's Register Number LRN) (=IMO identification).	O	J (where appropriate)	TDT(20).8213
	MAIN VESSEL ID RCS - Radio Call Sign (RCS) of the seagoing vessel, according to the ITU (International Telecommunications Union).	M	J	TDT.RFF(VM).1154
	MAIN VESSEL NAME	O	J	TDT(20).8212

	Data attribute	M/O/C	In Directive	Mapping
	- Name of the seagoing vessel.			
	MAIN VESSEL NATIONALITY CODED - Nationality of the seagoing vessel according to Lloyd's Flag table.	O	J	TDT(20).8453
	MAIN VESSEL TYPE CODED - Code for vessel type according to the Lloyd's Register of Shipping's code table for vessel types.	O	-	TDT.8179
	MAIN VESSEL EQUIPMENT INFO - Additional information on the vessel's special equipment. Free text lines are recommended to be used as follows (in sequence and format): -1 st 4440: VACUUMSYSTEM ON BOARD: 'YES' or 'NO' or 'NOT KNOWN' -2 nd 4440: INCINERATOR ON BOARD: 'YES' or 'NO' -3 rd 4440: INCINERATOR CAPACITY (in m3/hour)	O		FTX(AGK=Equipment).4440
	MAIN VESSEL VOYAGE INFO - Additional information on the vessel's voyage. Free text lines are recommended to be used as follows (in sequence and format): -1 st 4440: ELAPSED DURATION OF VOYAGE – since last waste disposal (in days) (Note: This is a temporally solutions for these data items, items will later be moved to vessel movement message.)	O		FTX(TDT).4440
	MAIN VESSEL VOYAGE PEOPLE INFO - Additional information on the people on board during the voyage of the vessel. Free text lines are recommended to be used as follows (in sequence and format): -1 st 4440: NUMBER OF CREW -2 nd 4440: NUMBER OF PASSENGERS (Note: This is a temporally solutions for these data items, items will later be moved to vessel movement message.)	O		FTX(ABY=Regulatory information).4440
	MAIN VESSEL FUEL INFO - Additional information on the fuel used by the vessel. Free text lines are recommended to be used as follows (in sequence and format): -1 st 4440: KIND OF FUEL ('HFO' for Heavy fuel oil, 'MDO' for Marine Diesel oil, or the name of the fuel -2 nd 4440: FUEL COMSUMPTION (in tons/day) (Note: This is a temporally solutions for these data items, items will later be moved to vessel movement message.)	O		FTX(ABA= Tariff statement).4440
Voyage data		M, 1x		
	MAIN VESSEL PLACE/CALL NEXT CODED - Next port of call of the main carriage vessel.	M	J	TDT.LOC(61).3225
	MAIN VESSEL PLACE/CALL PREVIOUS CODED - Previous port of call of the main carriage vessel.	M	J	TDT.LOC(94).3225
Waste data		M, 99x		DGS Group
	WASTE HAZARD REGULATIONS MARPOL - Code for the MARPOL treaty, officially known as the 'International Convention for the Prevention of Pollution from Ships, 1973', later modified and extended in 1978, and known as "MARPOL 73/78".	M	J, indirect	DGS.8273
	WASTE HAZARD REGULATIONS MARPOL ANNEX - Code indicating the Annex to MARPOL 73/78 as applicable to the specified waste (e.g. I, II, V).	M	J, indirect	DGS.8351
	WASTE HAZARD REGULATIONS MARPOL ANNEX SUBDIVISION CODED	M	J, specific entries required	DGS.8078

	Data attribute	M/O/C	In Directive	Mapping
	- The code for the type of waste falling within the mentioned annex to MARPOL 73/78.			
	WASTE HAZARD VOLUME ON BOARD -Amount of waste (in m3) on board at the moment of the notification.	M	No (Not yet)	DGS.MEA(AAE)(COB)(MTQ).6314
	WASTE HAZARD VOLUME TO BE DELIVERED -Amount of waste (in m3) to be delivered to a port reception facility in the Port of Call.	M	J	DGS.MEA(AAE)(DEL)(MTQ).6314
	WASTE HAZARD VOLUME TO BE GENERATED -Estimated amount of waste (in m3) to be generated between creation of the current notification and arrival in the next port of call, <i>irrespective</i> of use of incinerator or compactor or disposal at sea.	O	J	DGS.MEA(AAE)(GEN)(MTQ).6314
	WASTE HAZARD VOLUME TO REMAIN ON BOARD -Amount of waste remaining on board (in m3) when leaving the port of call.	O	J	DGS.MEA(AAE)(ROB)(MTQ).6314
	WASTE HAZARD VOLUME STORAGE CAPACITY -Maximum dedicated storage capacity (in m3) available for the waste.	M	J	DGS.MEA(AAE)(ADG)(MTQ).6314
	WASTE HAZARD ADDITIONAL SPECIFICATION TEXT - Additional free text specification of the waste, such as the name of the waste material (e.g. incinerator residues, glass, paint residues, polluted soil/ground, scrap iron), and/or the chemical/technical name of the waste.	O	J (where appropriate)	DGS.FTX(AAA).4440
	WASTE HAZARD REFERENCE UN - The (unique) UN number of the dangerous goods.	O	-	DGS.7124
	WASTE HAZARD IN TANK ID - Identification of the equipment/tank in which the waste is stored.	O, 9x	-	DGS.SGP,8260
	WASTE HAZARD REMAINDER DELIVERY POC CODED -Port at which remaining waste will be delivered. Note: Use UNLOCODE, plus additional codes: ZZSEA = (Disposal of waste) at sea ZZTBN = (Disposal of waste) at port/place to be nominated ZZINC = (Waste will be burned) in incinerator	O	J	DGS.LOC(152).3225
	WASTE COLLECTOR ID - Identification of the party that is authorized to receive the waste. *Note: Use locally agreed code list.	O	-	NAD(AP=Accepting Party).3039
	WASTE HAZARD PLACE/DISCHARGE POC BERTH CODED - Code for the berth in the port of call where the ship-generated waste will be delivered. *Note: Use UNLOCODE for the port and locally agreed code for the berth.	O	-	DGS.LOC(153=Port of call).3225 and 3223
	WASTE HAZARD PLACE/DISCHARGE LAST CODED - Code for the port where the ship-generated waste was lastly delivered. Note: Use UNLOCODE, plus additional codes: ZZSEA = (Disposal of waste) at sea ZZTBN = (Disposal of waste) at port/place to be nominated ZZINC = (Waste will be burned) in incinerator	O	J, but on msg level	DGS.LOC(12=Port of Discharge).3225



	Data attribute	M/O/C	In Directive	Mapping
	WASTE HAZARD PLACE/DISCHARGE D/T LAST - Date that ship-generated waste was lastly delivered in a port called on <i>or disposed of at sea</i> .	M	J, but on msg level	DGS.DTM(35=Delivery d/t, actual).2380
	WASTE HAZARD PLACE/DISCHARGE D/T EXPECTED - Date that ship-generated waste is expected to be delivered in the port of call <i>or disposed of at sea</i> .	O	-	DGS.DTM(191=Delivery d/t, expected).2380

2.1 Code set for data attribute MARPOL ANNEX SUBDIVISION CODED

The code for the type of waste falling within the mentioned annex to MARPOL 73/78.

Area in ship	MARPOL Annex - Code in DGS.8351	MARPOL Annex Subdivision coded - Code in DGS.8078	Specify in text in FTX: Yes/No	Example or Remark in case of Yes - in FTX
Engine room	I (Oil)	SLU – Sludge	No	
	I	BIW - Bilge water	No	
Cargo area	I	BWT - Dirty ballast water	No	
	I	WWO – Wash water oil, including cargo residue	Yes	<i>Product name, or mixture</i>
	II (Noxious liquids in bulk)	WWT – Wash water noxious liquids, including cargo residue	Yes	<i>Proper shipping name</i>
	II	OTH – Other waste (Annex II)	Yes	Sample bottles, residues in drums
	V (Garbage)	DCR - Dry cargo residue	Yes	Sweeping of cargo hold
	V	CAW - Cargo associated waste	Yes	Dunnage, Strap, Fumigation tablets
Accommodation	V	FDW - Food waste	No	
	V	PLA - Plastics	No	
	V	OTW - Other waste (Annex V)	Yes	Incinerator ashes, Paint, Batteries, Oily rags, Fluorescent bulbs
	IV (Sewage)	BLW - Black Water (of sewage)	No	
	IV	GRW - Grey water (of sewage)	No	

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.

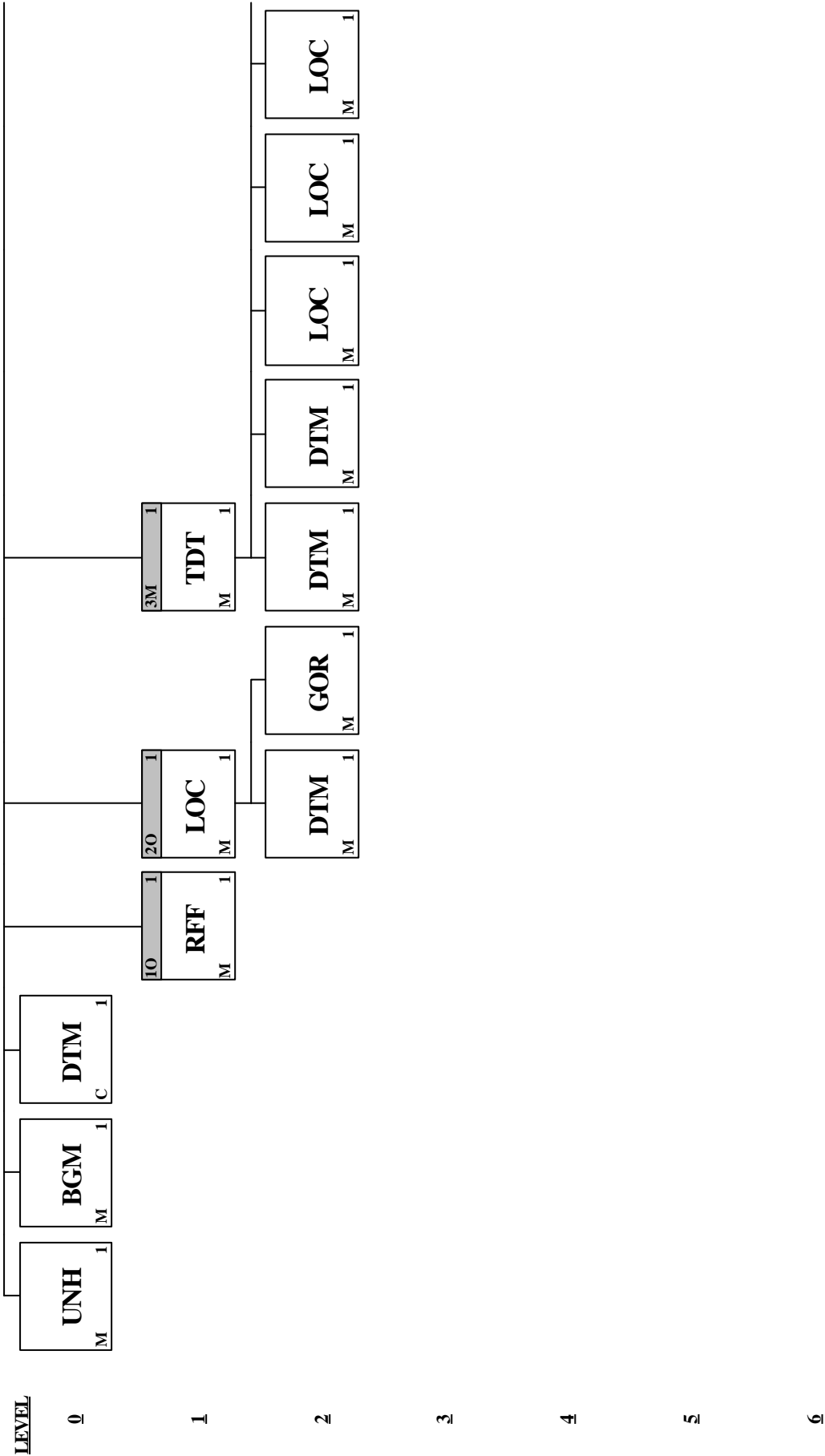
Furhter **notes and clarifications** are added *in Italics* if required in addition to the Data attribute definition and conditions.

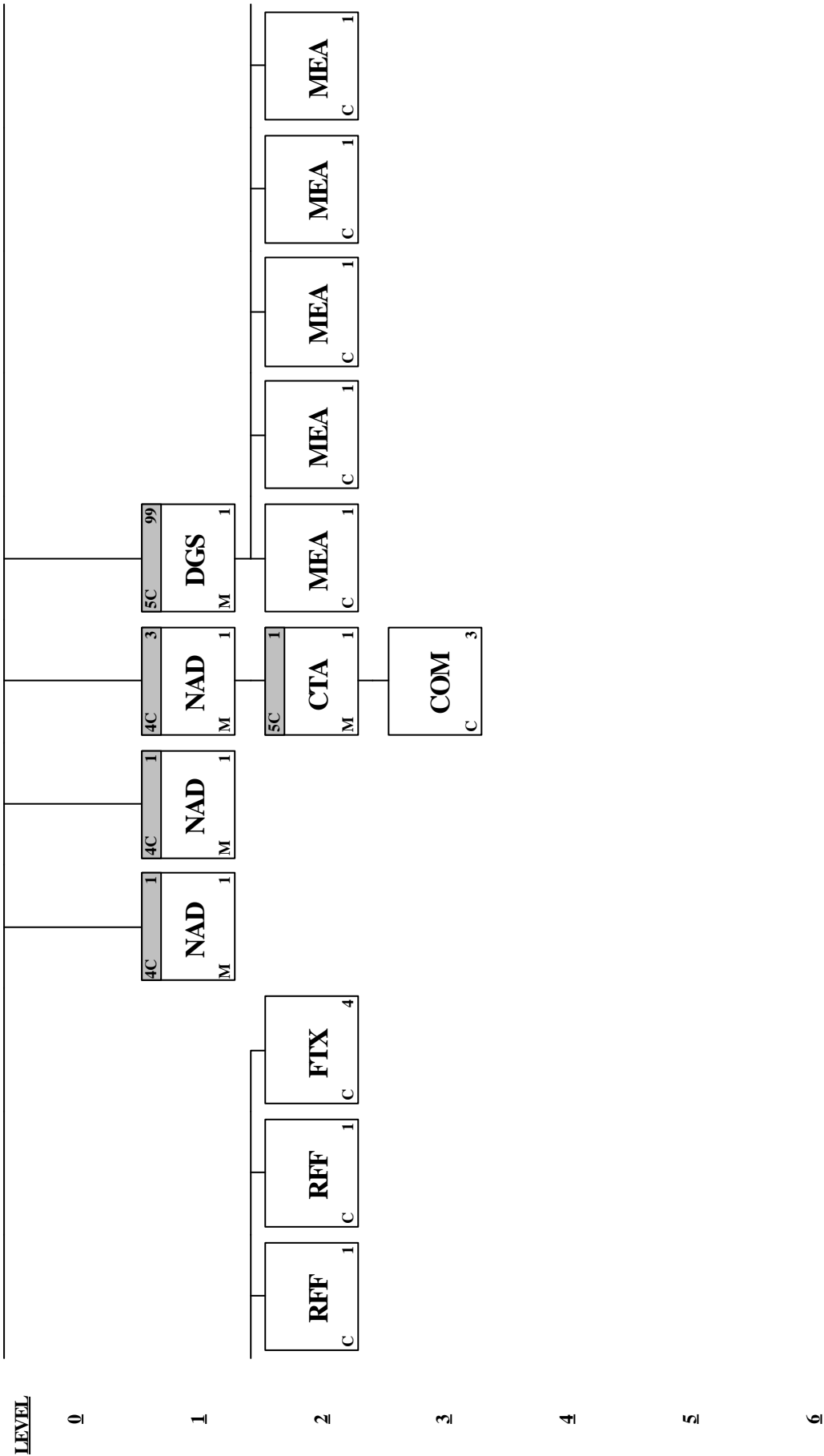
For **Conditions** a Business rule is created for certain variables (which are assigned Variable names). E.g.: The value of the message function indicator (in BGM.1225) implies whether the previous message reference should occur or not (in RFF(ACW).1154). This is specified in the RFF(ACW) segment by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

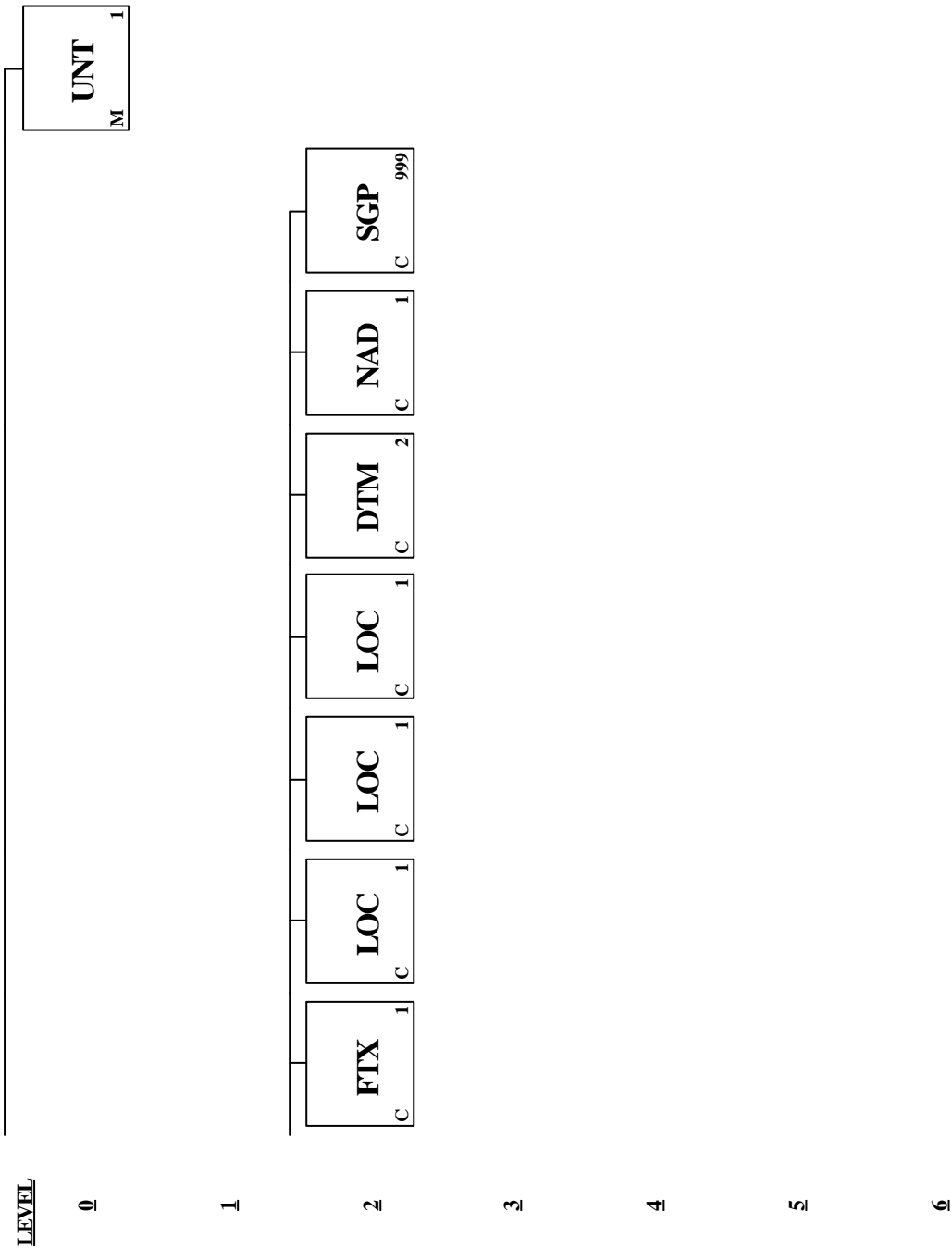
NE = Not equals

EQ = Equals.

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
0010	UNH	Message Header	M	M	1		
0020	BGM	Beginning of Message	M	M	1		
0030	DTM	Date/Time/Period	C	R	1		
0040		Segment Group 1: RFF	O	D		1	
0050	RFF	Reference	M	M	1		
0070		Segment Group 2: LOC-DTM-GOR	O	D		1	
0080	LOC	Place/Location Identification	M	M	1		
0090	DTM	Date/Time/Period	M	M	1		
0100	GOR	Governmental Requirements	M	M	1		
0110		Segment Group 3: TDT-DTM-LOC-RFF-FTX	M	M		1	
0120	TDT	Details of Transport	M	M	1		
0130	DTM	Date/Time/Period	M	M	1		
0131	DTM	Date/Time/Period	M	M	1		
0140	LOC	Place/Location Identification	M	M	1		
0141	LOC	Place/Location Identification	M	M	1		
0142	LOC	Place/Location Identification	M	M	1		
0150	RFF	Reference	C	R	1		
0151	RFF	Reference	C	O	1		
0155	FTX	Free Text	C	O	4		
0170		Segment Group 4: NAD	C	R		1	
0180	NAD	Name and Address	M	M	1		
0170		Segment Group 4: NAD	C	R		1	
0180	NAD	Name and Address	M	M	1		
0170		Segment Group 4: NAD-SG5	C	R		3	
0180	NAD	Name and Address	M	M	1		
0190		Segment Group 5: CTA-COM	C	R		1	
0200	CTA	Contact Information	M	M	1		
0210	COM	Communication Contact	C	O	3		
0220		Segment Group 5: DGS-MEA-FTX-LOC-DTM-NAD-SGP	C	R		99	
0230	DGS	Dangerous Goods	M	M	1		
0240	MEA	Measurements	C	R	1		
0241	MEA	Measurements	C	R	1		
0242	MEA	Measurements	C	R	1		
0243	MEA	Measurements	C	O	1		
0244	MEA	Measurements	C	O	1		
0245	FTX	Free Text	C	O	1		
0246	LOC	Place/Location Identification	C	O	1		
0247	LOC	Place/Location Identification	C	O	1		
0248	LOC	Place/Location Identification	C	O	1		
0249	DTM	Date/Time/Period	C	R	2		
0251	NAD	Name and Address	C	O	1		
0250	SGP	Split Goods Placement	C	O	999		
0260	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 Waste disposal information message is WASDIS.
 Note: Waste disposal information messages conforming to this document must contain the following data in segment UNH, composite S009:
 Data element 0065 WASDIS 0052 D 0054 98B 0051 UN

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
0062		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender. <i>This reference must be unique for the message occurrence regardless the message type and business application area.</i> <i>Data element [0062] must be identical in the UNH- and UNT-segment.</i>	M an..14	M
S009		MESSAGE IDENTIFIER Identification of the type, version etc. of the message being interchanged.	M	M
	0065	Message type identifier Code identifying a type of message and assigned by its controlling agency. <i>WASDIS Waste disposal information message</i> <i>A code to identify the waste disposal information message.</i>	M an..6	M
	0052	Message type version number 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	Message type release number 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	Controlling agency 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	Association assigned code Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message. <i>PROT10 PROTECT Version 1.0</i>	C an..6	R
0068		COMMON ACCESS REFERENCE Reference serving as a key to relate all subsequent transfers of data to the same business case or file.	C an..35	X
S010		STATUS OF THE TRANSFER Statement that the message is one in a sequence of transfers relating to the same topic.	C	X



0070	Sequence message transfer number	M	n..2	X
	Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.			
0073	First/last sequence message transfer indication	C	a1	X
	Indication used for the first and last message in a sequence of the same type of message relating to the same topic.			

Segment: **BGM** Beginning of Message
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate the beginning of a message and to transmit the identifying 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>
C002		DOCUMENT/MESSAGE NAME	C	R
		Identification of a type of document/message by code or name. Code preferred.		
	1001	Document/message name, coded	C an..3	R
		Document/message identifier expressed in code.		
		Business Rules:		
		Variable Name:WasteInfoType		
		MESSAGE INFO TYPE CODED M		
		<i>XXS Waste disposal report</i>		
		<i>Document/message sent by a shipping agent to an authority for reporting information on waste disposal. (*Code added)</i>		
		<i>XXT (Port) Authority waste disposal report</i>		
C106		<i>Document/message sent by a (port) authority to another (port) authority for reporting information on waste disposal. (*Code added)</i>		
	1131	Code list qualifier	C an..3	X
		Identification of a code list.		
	3055	Code list responsible agency, coded	C an..3	X
		Code identifying the agency responsible for a code list.		
	1000	Document/message name	C an..35	X
		Plain language identifier specifying the function of a document/message.		
		DOCUMENT/MESSAGE IDENTIFICATION	C	R
		Identification of a document/message by its number and eventually its version or revision.		
	1004	Document/message number	C an..35	R
1225		Reference number assigned to the document/message by the issuer.		
		MESSAGE REFERENCE M		
	1056	Version	C an..9	X
		To specify the version number or name of an object.		
	1060	Revision number	C an..6	X
		To specify a revision number.		
1225		MESSAGE FUNCTION, CODED	C an..3	R
		Code indicating the function of the message.		
		Business Rules:		
		Variable Name:MessageFunction		
		MESSAGE FUNCTION INDICATOR M		
		<i>I Cancellation</i>		
		<i>Message cancelling a previous transmission for a given transaction.</i>		
		<i>NOTE 1: Use of this code means that the complete chain of messages belonging to a transaction is cancelled.</i>		
		<i>(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).</i>		

NOTE 2: For this message occurrence the conditions for required/conditional are the same as for any message of this message type. This means that at minimal all conditions should be met.

- 5 *Replace*
Message replacing a previous message.
- 9 *Original*
Initial transmission related to a given transaction.
- 58 *Pre-advice of items requiring further information*
A pre-advice that items require further information.

4343**RESPONSE TYPE, CODED****C an..3 X**

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 provide the date and time 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>
C507		DATE/TIME/PERIOD	M	M
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	Date/time/period qualifier	M an..3	M
		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.		
	2380	Date/time/period	C an..35	R
		The value of a date, a date and time, a time or of a period in a specified representation.		
		MESSAGE DATE/TIME	M	
	2379	Date/time/period format qualifier	C an..3	R
		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.		



Group: **RFF** Segment Group 1: Reference
Position: 0040
Group:
Level: 1
Usage: Optional (Dependent)
Max Use: 1
Purpose: A group of segments to specify a reference applying to the whole message.

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	0050	RFF	Reference	M	1	

Segment:	RFF Reference
Position:	0050 (Trigger Segment)
Group:	SG1
Level:	1
Usage:	Mandatory
Max Use:	1
Purpose:	A segment to specify a reference, e.g. reference to previous message.
Dependency Notes:	
Business Rules:	<ol style="list-style-type: none"> 1. If MessageFunction EQ '1' or MessageFunction EQ '5', then set Usage to 'Must Use' 2. If MessageFunction EQ '9' or MessageFunction EQ '58', then set Usage to 'Not Used'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		REFERENCE Identification of a reference.	M	M
	1153	Reference qualifier Code giving specific meaning to a reference segment or a reference number. <i>ACW 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>	M an..3	M
	1154	Reference number Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier. <i>MESSAGE CHANGE PREVIOUS MESSAGE REFERENCE C</i>	C an..35	R
	1156	Line number Number of the line in the document/message referenced in 1154 Reference number.	C an..6	X
	4000	Reference version number To uniquely identify a reference by its version number.	C an..35	X
	1060	Revision number To specify a revision number.	C an..6	X



Group: **LOC** **Segment Group 2: Place/Location Identification**
Position: 0070
Group:
Level: 1
Usage: Optional (Dependent)
Max Use: 1
Purpose: A group of segments to give information about the inspection of the means of transport and the associated results.
Notes: **Note: Changed status from M to O.*

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0080	LOC	Place/Location Identification	M	1	
M	0090	DTM	Date/Time/Period	M	1	
M	0100	GOR	Governmental Requirements	M	1	

Segment: **LOC** Place/Location Identification
Position: 0080 (Trigger Segment)
Group: SG2
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify the place where the means of transport has been inspected.
Dependency Notes:
Business Rules: 1. If WasteInfoType NE 'XXT', then set Usage to 'Not Used'

Data Element Summary				
Data	Component		Base	User
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
3227		PLACE/LOCATION QUALIFIER Code identifying the function of a location. 23 Port of release Port where goods are released from Customs custody.	M an..3	M
C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C	R
	3225	Place/location identification Identification of the name of place/location, other than 3164 City name. <i>Note: Use UN/ECE Recommendation No. 16: UNLOCODE.</i> MAIN VESSEL PLACE/INSPECTION LAST CODED O	C an..25	R
	1131	Code list qualifier Identification of a code list.	C an..3	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
	3224	Place/location Name of place/location, other than 3164 City name.	C an..70	X
C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C	X
	3223	Related place/location one identification Specification of the first related place/location by code.	C an..25	X
	1131	Code list qualifier Identification of a code list.	C an..3	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
	3222	Related place/location one Specification of the first related place/location by name.	C an..70	X
C553		RELATED LOCATION TWO IDENTIFICATION Identification of second related location by code or name.	C	X
	3233	Related place/location two identification Specification of a second related place/location by code.	C an..25	X
	1131	Code list qualifier Identification of a code list.	C an..3	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
	3232	Related place/location two Specification of a second related place/location by name.	C an..70	X
5479		RELATION, CODED To specify the relationship between two or more items.	C an..3	X



Segment: **DTM** Date/Time/Period
Position: 0090
Group: SG2
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate the date and time of the inspection.

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		DATE/TIME/PERIOD	M	M
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	Date/time/period qualifier	M an..3	M
		Code giving specific meaning to a date, time or period.		
		351 Inspection date Date of inspection.		
	2380	Date/time/period	C an..35	R
		The value of a date, a date and time, a time or of a period in a specified representation.		
		MAIN VESSEL INSPECTION D/T, LAST O		
	2379	Date/time/period format qualifier	C an..3	R
		Specification of the representation of a date, a date and time or of a period.		
		102 CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.		



Segment: **GOR** Governmental Requirements
Position: 0100
Group: SG2
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate the government agency involved (e.g. Maritime pollution inspection agency), the government involvement (e.g. an indication that a certain procedure is completed or required) and the government procedure (e.g. to indicate that charge of waste is required).

Dependency Notes:

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
8323		TRANSPORT MOVEMENT, CODED Code indicating the movement of goods (e.g. import, export, transit).	C an..3	X
C232		GOVERNMENT ACTION Code indicating a type of government action.	C	R
	9415	Government agency, coded To indicate government agencies that are involved. <i>11 Port authority Government or semi-government body responsible for port operations.</i>	C an..3	R
	9411	Government involvement, coded Indication of requirement and status of government involvement. <i>3 Completed Procedures have been completed.</i>	C an..3	R
	9417	Government action, coded To indicate type of government action such as inspection, detention, fumigation, security. <i>4 Inspection The cargo has been or will be inspected.</i>	C an..3	R
	9353	Government procedure, coded Code identifying the treatment applied by the government to goods which are subject to a control.	C an..3	X
		GOVERNMENT ACTION Code indicating a type of government action.	C	X
	9415	Government agency, coded To indicate government agencies that are involved.	C an..3	X
	9411	Government involvement, coded Indication of requirement and status of government involvement.	C an..3	X
	9417	Government action, coded To indicate type of government action such as inspection, detention, fumigation, security.	C an..3	X
	9353	Government procedure, coded Code identifying the treatment applied by the government to goods which are subject to a control.	C an..3	X
C232		GOVERNMENT ACTION Code indicating a type of government action.	C	X
	9415	Government agency, coded To indicate government agencies that are involved.	C an..3	X
	9411	Government involvement, coded Indication of requirement and status of government involvement.	C an..3	X
	9417	Government action, coded To indicate type of government action such as inspection, detention, fumigation, security.	C an..3	X



C232	9353	Government procedure, coded	C	an..3	X
		Code identifying the treatment applied by the government to goods which are subject to a control.			
		GOVERNMENT ACTION	C		X
		Code indicating a type of government action.			
	9415	Government agency, coded	C	an..3	X
		To indicate government agencies that are involved.			
	9411	Government involvement, coded	C	an..3	X
		Indication of requirement and status of government involvement.			
	9417	Government action, coded	C	an..3	X
		To indicate type of government action such as inspection, detention, fumigation, security.			
	9353	Government procedure, coded	C	an..3	X
		Code identifying the treatment applied by the government to goods which are subject to a control.			



Group: **TDT** Segment Group 3: Details of Transport
Position: 0110
Group:
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A group of segments to indicate the details of the means of transport, with related locations, arrival dates and times, measurement, etc.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0120	TDT	Details of Transport	M	1	
M	0130	DTM	Date/Time/Period	M	1	
M	0131	DTM	Date/Time/Period	M	1	
M	0140	LOC	Place/Location Identification	M	1	
M	0141	LOC	Place/Location Identification	M	1	
M	0142	LOC	Place/Location Identification	M	1	
R	0150	RFF	Reference	C	1	
O	0151	RFF	Reference	C	1	
O	0155	FTX	Free Text	C	4	

Segment: **TDT** **Details of Transport**
Position: 0120 (Trigger Segment)
Group: SG3
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the means of transport (e.g. by Lloyd's Register number of a vessel, or by the license plate number of a truck) and the type of the means of 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		TRANSPORT STAGE QUALIFIER	M an..3	M
		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>		
8028		CONVEYANCE REFERENCE NUMBER	C an..17	X
		Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term).		
C220		MODE OF TRANSPORT	C	R
		Method of transport code or name. Code preferred.		
	8067	Mode of transport, coded	C an..3	R
		Coded method of transport used for the carriage of the goods.		
		1 <i>Maritime transport</i>		
	8066	Mode of transport	C an..17	X
		Method of transport used for the carriage of the goods.		
C228		TRANSPORT MEANS	C	O
		Code and/or name identifying the type of means of transport.		
	8179	Type of means of transport identification	C an..8	R
		Code defining the type of the means of transport being utilized.		
		MAIN VESSEL TYPE CODED O		
	8178	Type of means of transport	C an..17	X
		Description of the type of the means of transport being utilized.		
C040		CARRIER	C	X
		Identification of a carrier by code and/or by name. Code preferred.		
	3127	Carrier identification	C an..17	X
		Identification of party undertaking or arranging transport of goods between named points.		
	1131	Code list qualifier	C an..3	X
		Identification of a code list.		
	3055	Code list responsible agency, coded	C an..3	X
		Code identifying the agency responsible for a code list.		
	3128	Carrier name	C an..35	X
		Name of party undertaking or arranging transport of goods between named points.		
8101		TRANSIT DIRECTION, CODED	C an..3	X
		Identification of the point of origin and point of direction.		
C401		EXCESS TRANSPORTATION INFORMATION	C	X
		To provide details of reason for, and responsibility for, use of transportation other than normally utilized.		
	8457	Excess transportation reason, coded	M an..3	X
		Indication of reason for excess transportation.		
	8459	Excess transportation responsibility, coded	M an..3	X
		Indication of responsibility for excess transportation.		



C222	7130	Customer authorization number	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.			
		TRANSPORT IDENTIFICATION	C		O
		Code and/or name identifying the means of transport.			
	8213	Id. of means of transport identification	C	an..9	O
		Identification of the means of transport by name or number.			
		<i>MAIN VESSEL ID LRN (Lloyd's Register Number)</i> O			
	1131	Code list qualifier	C	an..3	X
		Identification of a code list.			
	3055	Code list responsible agency, coded	C	an..3	X
		Code identifying the agency responsible for a code list.			
	8212	Id. of the means of transport	C	an..35	O
		Identification of the means of transport by name or number.			
		<i>MAIN VESSEL NAME</i> O			
	8453	Nationality of means of transport, coded	C	an..3	O
		Coded name of the country in which a means of transport is registered.			
		<i>MAIN VESSEL NATIONALITY CODED</i> O			
8281		TRANSPORT OWNERSHIP, CODED	C	an..3	X
		Code indicating the ownership of the means of transport.			



Segment: **DTM** Date/Time/Period
Position: 0130
Group: SG3
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate the date and time of arrival/departure in the place or port of call.
Dependency Notes:
Notes: *Note: Max use count increased.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		DATE/TIME/PERIOD	M	M
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	Date/time/period qualifier	M an..3	M
		Code giving specific meaning to a date, time or period.		
		132 Arrival date/time, estimated		
		(2348) Date/time when carrier estimates that a means of transport should arrive at the port of discharge or place of destination.		
	2380	Date/time/period	C an..35	R
		The value of a date, a date and time, a time or of a period in a specified representation.		
		MAIN VESSEL D/T ETA POC M		
	2379	Date/time/period format qualifier	C an..3	R
		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: **DTM** Date/Time/Period
Position: 0131
Group: SG3
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate the date and time of departure in the place or port of call.

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
C507		DATE/TIME/PERIOD	M	M
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	Date/time/period qualifier	M an..3	M
		Code giving specific meaning to a date, time or period.		
		133	Departure date/time, estimated	
			Date/time when carrier estimates that a means of transport should depart at the place of departure.	
	2380	Date/time/period	C an..35	R
		The value of a date, a date and time, a time or of a period in a specified representation.		
		MAIN VESSEL D/T ETD POC M		
	2379	Date/time/period format qualifier	C an..3	R
	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: **LOC** Place/Location Identification
Position: 0140
Group: SG3
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate a location relating to the means of transport, such as: - place or port of departure - next place or port of call.

Dependency Notes:

Notes: *Note: Max use count increased.

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3227		PLACE/LOCATION QUALIFIER Code identifying the function of a location. <i>153 Port of call</i> <i>Port where a vessel has called upon or will call upon.</i>	M an..3	M
C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C	R
	3225	Place/location identification Identification of the name of place/location, other than 3164 City name. <i>Note: Use UN/ECE Recommendation No. 16: UNLOCODE.</i> <i>MAIN VESSEL POC CODED M</i>	C an..25	R
	1131	Code list qualifier Identification of a code list.	C an..3	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
	3224	Place/location Name of place/location, other than 3164 City name.	C an..70	X
C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C	O
	3223	Related place/location one identification Specification of the first related place/location by code. <i>Note: Use locally agreed code list for berth.</i> <i>MAIN VESSEL POC BERTH CODED O</i>	C an..25	R
	1131	Code list qualifier Identification of a code list.	C an..3	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
	3222	Related place/location one Specification of the first related place/location by name.	C an..70	X
C553		RELATED LOCATION TWO IDENTIFICATION Identification of second related location by code or name.	C	X
	3233	Related place/location two identification Specification of a second related place/location by code.	C an..25	X
	1131	Code list qualifier Identification of a code list.	C an..3	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
	3232	Related place/location two Specification of a second related place/location by name.	C an..70	X
5479		RELATION, CODED To specify the relationship between two or more items.	C an..3	X

Segment: **LOC** Place/Location Identification
Position: 0141
Group: SG3
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate a location relating to the means of transport, such as: - place or port of departure - next place or port of call.

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		PLACE/LOCATION QUALIFIER Code identifying the function of a location. 94 Previous port of call Previous port which the vessel has called upon.	M an..3	M
C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C	R
	3225	Place/location identification Identification of the name of place/location, other than 3164 City name. <i>Note: Use UN/ECE Recommendation No. 16: UNLOCODE.</i> MAIN VESSEL PLACE/CALL PREVIOUS CODED	C an..25	R
	1131	Code list qualifier Identification of a code list.	C an..3	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
	3224	Place/location Name of place/location, other than 3164 City name.	C an..70	X
C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C	X
	3223	Related place/location one identification Specification of the first related place/location by code.	C an..25	X
	1131	Code list qualifier Identification of a code list.	C an..3	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
	3222	Related place/location one Specification of the first related place/location by name.	C an..70	X
C553		RELATED LOCATION TWO IDENTIFICATION Identification of second related location by code or name.	C	X
	3233	Related place/location two identification Specification of a second related place/location by code.	C an..25	X
	1131	Code list qualifier Identification of a code list.	C an..3	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
	3232	Related place/location two Specification of a second related place/location by name.	C an..70	X
5479		RELATION, CODED To specify the relationship between two or more items.	C an..3	X

Segment: **LOC** Place/Location Identification
Position: 0142
Group: SG3
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate a location relating to the means of transport, such as: - place or port of departure - next place or port of call.

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		PLACE/LOCATION QUALIFIER Code identifying the function of a location. <i>61</i> <i>Next port of call</i> <i>Next port which the vessel is going to call upon.</i>	M an..3	M
C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C	R
	3225	Place/location identification Identification of the name of place/location, other than 3164 City name. <i>Note: Use UN/ECE Recommendation No. 16: UNLOCODE.</i> <i>MAIN VESSEL PLACE/CALL NEXT CODED M</i>	C an..25	R
	1131	Code list qualifier Identification of a code list.	C an..3	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
	3224	Place/location Name of place/location, other than 3164 City name.	C an..70	X
C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C	X
	3223	Related place/location one identification Specification of the first related place/location by code.	C an..25	X
	1131	Code list qualifier Identification of a code list.	C an..3	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
	3222	Related place/location one Specification of the first related place/location by name.	C an..70	X
C553		RELATED LOCATION TWO IDENTIFICATION Identification of second related location by code or name.	C	X
	3233	Related place/location two identification Specification of a second related place/location by code.	C an..25	X
	1131	Code list qualifier Identification of a code list.	C an..3	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
	3232	Related place/location two Specification of a second related place/location by name.	C an..70	X
5479		RELATION, CODED To specify the relationship between two or more items.	C an..3	X



Segment: **RFF** Reference
Position: 0150
Group: SG3
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose: A segment to specify a reference as an additional identification of the means of transport, e.g. radio call sign of a vessel.

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		REFERENCE	M	M
		Identification of a reference.		
	1153	Reference qualifier	M an..3	M
		Code giving specific meaning to a reference segment or a reference number.		
		<i>VM Vessel identification</i> <i>(8123) Reference identifying a vessel (UN/ECE Recommendation No 10).</i>		
	1154	Reference number	C an..35	R
		Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.		
		<i>MAIN VESSEL ID RCS (Radio Call Sign) M</i>		
	1156	Line number	C an..6	X
		Number of the line in the document/message referenced in 1154 Reference number.		
	4000	Reference version number	C an..35	X
		To uniquely identify a reference by its version number.		
	1060	Revision number	C an..6	X
		To specify a revision number.		



Segment: **RFF** Reference
Position: 0151
Group: SG3
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify a reference as an additional identification of the means of transport, e.g. radio call sign of a vessel.

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		REFERENCE	M	M
		Identification of a reference.		
	1153	Reference qualifier	M an..3	M
		Code giving specific meaning to a reference segment or a reference number.		
		<i>ATZ Ship's stay reference number</i>		
		<i>Reference number assigned by a port authority to the stay of a vessel in the port.</i>		
	1154	Reference number	C an..35	R
		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>		
	1156	Line number	C an..6	X
		Number of the line in the document/message referenced in 1154 Reference number.		
	4000	Reference version number	C an..35	X
		To uniquely identify a reference by its version number.		
	1060	Revision number	C an..6	X
		To specify a revision number.		



Segment: **FTX** Free Text
Position: 0155
Group: SG3
Level: 2
Usage: Conditional (Optional)
Max Use: 4
Purpose: To provide free form or coded text information.
Dependency Notes:
Notes: *Note: Segment added.

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4451		TEXT SUBJECT QUALIFIER Code specifying subject of a free text. ABA <i>Tariff statements</i> ABY <i>Regulatory information</i> <i>The free text contains information for regulatory authority.</i> AGK <i>Equipment</i> TDT <i>Transport details remarks</i> <i>Additional information related to transport details.</i>	M an..3	M
4453		TEXT FUNCTION, CODED Code specifying the purpose of the text.	C an..3	X
C107		TEXT REFERENCE Coded reference to a standard text and its source.	C	X
	4441	Free text identification Free text in coded form.	M an..17	X
	1131	Code list qualifier Identification of a code list.	C an..3	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
C108		TEXT LITERAL Free text; one to five lines.	C	R
	4440	Free text Free text field available to the message sender for information. MAIN VESSEL EQUIPMENT INFO O FTX(AGK).4440 MAIN VESSEL VOYAGE INFO O FTX(TDT).4440 MAIN VESSEL VOYAGE PEOPLE INFO O FTX(ABY).4440 MAIN VESSEL FUEL INFO O FTX(ABA).4440 (See attribute definitions for recommendation on use of the free text lines.)	M an..70	M
	4440	Free text Free text field available to the message sender for information.	C an..70	O
	4440	Free text Free text field available to the message sender for information.	C an..70	O
	4440	Free text Free text field available to the message sender for information.	C an..70	O
	4440	Free text Free text field available to the message sender for information.	C an..70	O
3453		LANGUAGE, CODED Code of language (ISO 639-1988).	C an..3	X
4447		TEXT FORMATTING, CODED Code specifying the formatting parameters for the text.	C an..3	X



Group: **NAD** Segment Group 4: Name and Address
Position: 0170
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 1
Purpose: A group of segments to identify a party which could give further information on the conveyance of the means of transport.

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	0180	NAD	Name and Address	M	1	

Segment: **NAD** Name and Address
Position: 0180 (Trigger Segment)
Group: SG4
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a party's name, address and function from which further information can be obtained (e.g. port authority, harbour master).

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		PARTY FUNCTION CODE QUALIFIER	M an..3	M
		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>		
C082		PARTY IDENTIFICATION DETAILS	C	R
		Identification of a transaction party by code.		
	3039	Party identifier	M an..35	M
		Code specifying the identity of a party.		
		<i>MESSAGE SENDER ID M</i>		
C058	1131	Code list identification code	C an..3	X
		Code identifying a user or association maintained code list.		
	3055	Code list responsible agency code	C an..3	X
		Code specifying the agency responsible for a code list.		
		NAME AND ADDRESS	C	O
		Unstructured name and address: one to five lines.		
	3124	Name and address description	M an..35	M
		Free form description of a name and address line.		
		<i>MESSAGE SENDER NAME & ADDRESS etc. O</i>		
	3124	Name and address description	C an..35	O
C080		Free form description of a name and address line.		
	3124	Name and address description	C an..35	O
		Free form description of a name and address line.		
	3124	Name and address description	C an..35	O
		Free form description of a name and address line.		
	3124	Name and address description	C an..35	O
		Free form description of a name and address line.		
		PARTY NAME	C	O
		Identification of a transaction party by name, one to five lines. Party name may be formatted.		
	3036	Party name	M an..35	M
		Name of a party.		
	3036	Party name	C an..35	O
		Name of a party.		
	3036	Party name	C an..35	O
		Name of a party.		
	3036	Party name	C an..35	O
		Name of a party.		
	3036	Party name	C an..35	X
		Name of a party.		
	3045	Party name format code	C an..3	X



		Code specifying the representation of a party name.		
C059	STREET	C		O
		Street address and/or PO Box number in a structured address: one to four lines.		
3042	Street and number or post office box identifier	M	an..35	M
		To identify a street and number and/or Post Office box number.		
3042	Street and number or post office box identifier	C	an..35	O
		To identify a street and number and/or Post Office box number.		
3042	Street and number or post office box identifier	C	an..35	O
		To identify a street and number and/or Post Office box number.		
3042	Street and number or post office box identifier	C	an..35	X
		To identify a street and number and/or Post Office box number.		
3164	CITY NAME	C	an..35	O
		Name of a city.		
3229	COUNTRY SUB -ENTITY IDENTIFICATION	C	an..9	O
		Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.		
3251	POSTAL IDENTIFICATION CODE	C	an..9	O
		Code specifying the postal zone or address.		
3207	COUNTRY NAME CODE	C	an..3	O
		Identification of the name of the country or other geographical entity as defined in ISO 3166-1.		



Group: **NAD** Segment Group 4: Name and Address
Position: 0170
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 1
Purpose: A group of segments to identify a party which could give further information on the conveyance of the means of transport.

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	0180	NAD	Name and Address	M	1	

Segment: **NAD** Name and Address
Position: 0180 (Trigger Segment)
Group: SG4
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a party's name, address and function from which further information can be obtained (e.g. port authority, harbour master).

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		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. <i>MR Message recipient</i>	M an..3	M
C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C	R
	3039	Party identifier Code specifying the identity of a party.	M an..35	M
		<i>MESSAGE RECIPIENT ID M</i>		
	1131	Code list identification code Code identifying a user or association maintained code list.	C an..3	X
	3055	Code list responsible agency code Code specifying the agency responsible for a code list.	C an..3	X
C058		NAME AND ADDRESS Unstructured name and address: one to five lines.	C	O
	3124	Name and address description Free form description of a name and address line.	M an..35	M
		<i>MESSAGE RECIPIENT NAME & ADDRESS etc. O</i>		
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
C080		PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	C	O
	3036	Party name Name of a party.	M an..35	M
	3036	Party name Name of a party.	C an..35	O
	3036	Party name Name of a party.	C an..35	O
	3036	Party name Name of a party.	C an..35	O
	3036	Party name Name of a party.	C an..35	X
	3045	Party name format code Code specifying the representation of a party name.	C an..3	X



C059	STREET	C	O
	Street address and/or PO Box number in a structured address: one to four lines.		
3042	Street and number or post office box identifier	M an..35	M
	To identify a street and number and/or Post Office box number.		
3042	Street and number or post office box identifier	C an..35	O
	To identify a street and number and/or Post Office box number.		
3042	Street and number or post office box identifier	C an..35	O
	To identify a street and number and/or Post Office box number.		
3042	Street and number or post office box identifier	C an..35	X
	To identify a street and number and/or Post Office box number.		
3164	CITY NAME	C an..35	O
	Name of a city.		
3229	COUNTRY SUB -ENTITY IDENTIFICATION	C an..9	O
	Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.		
3251	POSTAL IDENTIFICATION CODE	C an..9	O
	Code specifying the postal zone or address.		
3207	COUNTRY NAME CODE	C an..3	O
	Identification of the name of the country or other geographical entity as defined in ISO 3166-1.		



Group: **NAD** Segment Group 4: Name and Address
Position: 0170
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 3
Purpose: A group of segments to identify a party which could give further information on the conveyance of the means of transport.
Notes: **Note: Max use count increased.*

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0180	NAD	Name and Address	M	1	
	0190		Segment Group 5: Contact Information	C		1

Segment: **NAD** Name and Address
Position: 0180 (Trigger Segment)
Group: SG4
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a party's name, address and function from which further information can be obtained (e.g. port authority, harbour master).

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		PARTY QUALIFIER Code giving specific meaning to a party. <i>CG Carrier's agent</i> <i>Party authorized to act for or on behalf of carrier.</i>	M an..3	M
C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C	R
	3039	Party identification Code identifying a party involved in a transaction. <i>MESSAGE SENDER ID M</i>	M an..35	M
	1131	Code list qualifier Identification of a code list.	C an..3	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
C058		NAME AND ADDRESS Unstructured name and address: one to five lines.	C	O
	3124	Name and address line Free form name and address description. <i>MAIN OCEAN CARRIER AGENT NAME & ADDRESS etc. O</i>	M an..35	M
	3124	Name and address line Free form name and address description.	C an..35	O
	3124	Name and address line Free form name and address description.	C an..35	O
	3124	Name and address line Free form name and address description.	C an..35	O
	3124	Name and address line Free form name and address description.	C an..35	O
C080		PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	C	O
	3036	Party name Name of a party involved in a transaction.	M an..35	M
	3036	Party name Name of a party involved in a transaction.	C an..35	O
	3036	Party name Name of a party involved in a transaction.	C an..35	O
	3036	Party name Name of a party involved in a transaction.	C an..35	O
	3036	Party name Name of a party involved in a transaction.	C an..35	X



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



Group: **CTA** **Segment Group 5: Contact Information**
Position: 0190
Group: Segment Group 4 (Name and Address) Conditional (Required)
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose: A group of segments to indicate a contact within the party.

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	0200	CTA	Contact Information	M	1	
O	0210	COM	Communication Contact	C	3	



Segment: **CTA** **Contact Information**
Position: 0200 (Trigger Segment)
Group: SG4-SG5
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a person or 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		CONTACT FUNCTION, CODED 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		DEPARTMENT OR EMPLOYEE DETAILS Code and/or name of a department or employee. Code preferred.	C	R
	3413	Department or employee identification Internal identification code.	C an..17	X
	3412	Department or employee The department or person within an organizational entity.	C an..35	O
		MAIN OCEAN CARRIER AGENT CONTACT NAME	M	



Segment: **COM** Communication Contact
Position: 0210
Group: SG4-SG5
Level: 3
Usage: Conditional (Optional)
Max Use: 3
Purpose: A segment to identify a communication number of the contact to whom communication should be directed.

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		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.		
		MAIN OCEAN CARRIER AGENT PHONE/FAX/EMAIL	O	
3155		Communication channel qualifier	M an..3	M
		Code identifying the type of communication channel being used.		
	EI	EDI transmission		
	FX	Telefax		
	TE	Telephone		

Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media.
Voice/data transmission by telephone.



Group: **DGS** Segment Group 5: Dangerous Goods
Position: 0220
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 99
Purpose: A group of segments to specify the result of the inspection of the means of transport, in terms of marine pollutant waste on board.
Notes: **This segment group should occur at least once for each of the codes mentioned under data element 8078, to fulfill the requirements of the Directive.*

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0230	DGS	Dangerous Goods	M	1	
R	0240	MEA	Measurements	C	1	
R	0241	MEA	Measurements	C	1	
R	0242	MEA	Measurements	C	1	
O	0243	MEA	Measurements	C	1	
O	0244	MEA	Measurements	C	1	
O	0245	FTX	Free Text	C	1	
O	0246	LOC	Place/Location Identification	C	1	
O	0247	LOC	Place/Location Identification	C	1	
O	0248	LOC	Place/Location Identification	C	1	
R	0249	DTM	Date/Time/Period	C	2	
O	0251	NAD	Name and Address	C	1	
O	0250	SGP	Split Goods Placement	C	999	

Segment: **DGS** Dangerous Goods
Position: 0230 (Trigger Segment)
Group: SG5
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify the type of marine pollutant and its subdivision according to the MARPOL regulation (i.e. Maritime Pollution Regulation), as found on board during inspection. Data element 8273 is to be used to indicate the MARPOL regulation, regarding the prevention of maritime pollution by ocean-going vessels issued by the International Maritime Organization (IMO). Data element 8351 is to be used to indicate MARPOL type (e.g. I or IV), which identifies the hazard code. Data element 8078 is to be used to indicate the MARPOL type subdivision, which identifies an additional hazard code classification.

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
8273		DANGEROUS GOODS REGULATIONS, CODED Code indicating the regulation, international or national, applicable for a means of transport.	C an..3	R
WASTE HAZARD REGULATIONS MARPOL M				
		<i>MAR MARPOL 73/78</i> <i>Code for the 'International Convention for the Prevention of Pollution from Ships, 1973', as modified by the Protocol of 1978 relating thereto (known as "MARPOL 73/78").</i> <i>*Note: Code added.</i>		
C205		HAZARD CODE The identification of the dangerous goods in code.	C	R
	8351	Hazard code identification Dangerous goods code.	M an..7	M
WASTE HAZARD REGULATIONS MARPOL ANNEX M				
		<i>I MARPOL Annex I (Oil in bulk)</i>		
		<i>II MARPOL Annex II (Noxious liquids in bulk)</i>		
		<i>IV MARPOL Annex IV (Sewage)</i>		
		<i>V MARPOL Annex V (Garbage)</i>		
	8078	Hazard substance/item/page number Number giving additional hazard code classification of a goods item within the applicable dangerous goods regulation.	C an..7	R
WASTE HAZARD REGULATIONS MARPOL ANNEX SUBDIVISION CODED M				
<i>*It is noted that all the codes mentioned below should occur in the message at least once.</i>				
		<i>BIW Bilge water</i>		
		<i>BLW Black water</i>		
		<i>BWT Dirty ballast water</i>		
		<i>CAW Cargo associated waste</i>		
		<i>DCR Dry cargo residue</i>		
		<i>FDW Food waste</i>		
		<i>GRW Grey water</i>		
		<i>OTH Other waste (Annex II)</i>		
		<i>OTW Other waste (Annex V)</i>		
		<i>PLA Plastics</i>		
		<i>SLU Sludge</i>		
		<i>WWO Wash water oil, including cargo residue</i>		
		<i>WWT Wash water noxious liquids, including cargo residue</i>		
8092		Hazard code version number	C an..10	X

		The version/revision number of date of issuance of the code used.		
C234	UNDG INFORMATION	C	O	
Information on dangerous goods, taken from the United Nations Dangerous Goods classification.				
7124	UNDG number	C	n4	R
Unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried.				
<i>WASTE HAZARD REFERENCE UN O</i>				
7088	Dangerous goods flashpoint	C	an..8	X
Lowest temperature, in the case of dangerous goods, at which vapour from an inflammable liquid forms an ignitable mixture with air.				
C223	DANGEROUS GOODS SHIPMENT FLASHPOINT	C		X
Temperature at which a vapor can be ignited as per ISO 1523/73.				
7106	Shipment flashpoint	C	n3	X
Temperature in centigrade determined by the closed cup test as per ISO 1523/73 where a vapour is given off that can be ignited.				
6411	Measure unit qualifier	C	an..3	X
Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.				
8339	PACKING GROUP, CODED	C	an..3	X
Identification of a packing group by code.				
8364	EMS NUMBER	C	an..6	X
Emergency procedures for ships carrying dangerous goods.				
8410	MFAG	C	an..4	X
Medical first aid guide.				
8126	TREM CARD NUMBER	C	an..10	X
The identification of a transport emergency card giving advice for emergency actions.				
C235	HAZARD IDENTIFICATION PLACARD DETAILS	C		X
These numbers appear on the hazard identification placard required on the means of transport.				
8158	Hazard identification number, upper part	C	an..4	X
The id. number for the Orange Placard (upper part) required on the means of transport.				
8186	Substance identification number, lower part	C	an4	X
The number for the Orange Placard (lower part) required on the means of transport.				
C236	DANGEROUS GOODS LABEL	C		X
Markings identifying the type of hazardous goods and similar information.				
8246	Dangerous goods label marking	C	an..4	X
Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.				
8246	Dangerous goods label marking	C	an..4	X
Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.				
8246	Dangerous goods label marking	C	an..4	X
Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.				
8255	PACKING INSTRUCTION, CODED	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	CATEGORY OF MEANS OF TRANSPORT, CODED	C	an..3	X
Identification of the type of means of transport determined to carry particular goods, not necessarily being hazardous.				
8211	PERMISSION FOR TRANSPORT, CODED	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: **MEA** Measurements
Position: 0240
Group: SG5
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose: A segment to specify the quantity of waste that is e.g. on board, to be discharged, to be generated during the voyage, or the waste storage capacity, for the MARPOL type and subdivision of goods as indicated in DGS. *Note: Purpose description changed.

Dependency Notes:

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6311		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement. <i>AAE Measurement [6314] Value of the measured unit.</i>	M an..3	M
C502		MEASUREMENT DETAILS Identification of measurement type.	C	R
	6313	Property measured, coded Specification of the property measured. <i>COB Currently on board Code for the quantity of an item or substance currently on board. *Note: Code added.</i>	C an..3	R
	6321	Measurement significance, coded Code specifying the significance of a measurement value.	C an..3	X
	6155	Measurement attribute identification Code used to specify non-discrete measurement values.	C an..17	X
	6154	Measurement attribute To specify non-discrete measurement values.	C an..70	X
C174		VALUE/RANGE Measurement value and relevant minimum and maximum values of the measurement range.	C	R
	6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. <i>MTQ Cubic metre</i>	M an..3	M
	6314	Measurement value Value of the measured unit.	C an..18	R
		WASTE HAZARD VOLUME ON BOARD M		
	6162	Range minimum Minimum of a range.	C n..18	X
	6152	Range maximum Maximum of a range.	C n..18	X
	6432	Significant digits To specify the number of significant digits.	C n..2	X
7383		SURFACE/LAYER INDICATOR, CODED Code indicating the surface or layer of a product that is being described.	C an..3	X

Segment: **MEA** Measurements
Position: 0241
Group: SG5
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose: A segment to specify the quantity of waste that is e.g. on board, to be discharged, to be generated during the voyage, or the waste storage capacity, for the MARPOL type and subdivision of goods as indicated in DGS. *Note: Purpose description changed.

Dependency Notes:

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6311		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement. <i>AAE Measurement</i> <i>[6314] Value of the measured unit.</i>	M an..3	M
C502		MEASUREMENT DETAILS Identification of measurement type.	C	R
	6313	Property measured, coded Specification of the property measured. <i>DEL To be delivered</i> <i>Code for the measurement of an item or substance to be delivered or discharged.</i> <i>*Note: Code added.</i>	C an..3	R
	6321	Measurement significance, coded Code specifying the significance of a measurement value.	C an..3	X
	6155	Measurement attribute identification Code used to specify non-discrete measurement values.	C an..17	X
	6154	Measurement attribute To specify non-discrete measurement values.	C an..70	X
C174		VALUE/RANGE Measurement value and relevant minimum and maximum values of the measurement range.	C	R
	6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. <i>MTQ Cubic metre</i>	M an..3	M
	6314	Measurement value Value of the measured unit.	C an..18	R
		WASTE HAZARD VOLUME TO BE DELIVERED	M	
	6162	Range minimum Minimum of a range.	C n..18	X
	6152	Range maximum Maximum of a range.	C n..18	X
	6432	Significant digits To specify the number of significant digits.	C n..2	X
7383		SURFACE/LAYER INDICATOR, CODED Code indicating the surface or layer of a product that is being described.	C an..3	X

Segment: **MEA** Measurements

Position: 0242

Group: SG5

Level: 2

Usage: Conditional (Required)

Max Use: 1

Purpose: A segment to specify the quantity of waste that is e.g. on board, to be discharged, to be generated during the voyage, or the waste storage capacity, for the MARPOL type and subdivision of goods as indicated in DGS. *Note: Purpose description changed.

Dependency Notes:

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

Segment: **MEA** Measurements
Position: 0243
Group: SG5
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify the quantity of waste that is e.g. on board, to be discharged, to be generated during the voyage, or the waste storage capacity, for the MARPOL type and subdivision of goods as indicated in DGS. *Note: Purpose description changed.

Dependency Notes:

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6311		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement. <i>AAE Measurement</i> <i>[6314] Value of the measured unit.</i>	M an..3	M
C502		MEASUREMENT DETAILS Identification of measurement type.	C	R
	6313	Property measured, coded Specification of the property measured. <i>GEN To be generated</i> <i>Code for the quantity of an item or substance to be generated during the remainder of a trip.</i> <i>*Note: Code added.</i>	C an..3	R
	6321	Measurement significance, coded Code specifying the significance of a measurement value.	C an..3	X
	6155	Measurement attribute identification Code used to specify non-discrete measurement values.	C an..17	X
	6154	Measurement attribute To specify non-discrete measurement values.	C an..70	X
C174		VALUE/RANGE Measurement value and relevant minimum and maximum values of the measurement range.	C	R
	6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. <i>MTQ Cubic metre</i>	M an..3	M
	6314	Measurement value Value of the measured unit.	C an..18	R
		WASTE HAZARD VOLUME TO BE GENERATED	O	
	6162	Range minimum Minimum of a range.	C n..18	X
	6152	Range maximum Maximum of a range.	C n..18	X
	6432	Significant digits To specify the number of significant digits.	C n..2	X
7383		SURFACE/LAYER INDICATOR, CODED Code indicating the surface or layer of a product that is being described.	C an..3	X

Segment: **MEA** Measurements
Position: 0244
Group: SG5
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify the net weight of waste to be discharged, for the MARPOL type and subdivision of goods as indicated in DGS.

Dependency Notes:

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6311		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement. <i>AAE Measurement</i> <i>[6314] Value of the measured unit.</i>	M an..3	M
C502		MEASUREMENT DETAILS Identification of measurement type.	C	R
	6313	Property measured, coded Specification of the property measured. <i>ROB Remain on board</i> <i>Code for the quantity of an item or substance to remain on board.</i> <i>*Note: Code added.</i>	C an..3	R
	6321	Measurement significance, coded Code specifying the significance of a measurement value.	C an..3	X
	6155	Measurement attribute identification Code used to specify non-discrete measurement values.	C an..17	X
	6154	Measurement attribute To specify non-discrete measurement values.	C an..70	X
C174		VALUE/RANGE Measurement value and relevant minimum and maximum values of the measurement range.	C	R
	6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. <i>MTQ Cubic metre</i>	M an..3	M
	6314	Measurement value Value of the measured unit.	C an..18	R
		WASTE HAZARD VOLUME TO REMAIN ON BOARD	O	
	6162	Range minimum Minimum of a range.	C n..18	X
	6152	Range maximum Maximum of a range.	C n..18	X
	6432	Significant digits To specify the number of significant digits.	C n..2	X
7383		SURFACE/LAYER INDICATOR, CODED Code indicating the surface or layer of a product that is being described.	C an..3	X



Segment: **FTX** Free Text
Position: 0245
Group: SG5
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: To provide free form or coded text information.
Dependency Notes:
Notes: *Note: Segment added.

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

Segment: **LOC** Place/Location Identification
Position: 0246
Group: SG5
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: To identify a place or a location and/or related locations.

Dependency Notes:

Notes: *Note: Segment added.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3227		PLACE/LOCATION QUALIFIER Code identifying the function of a location. 12 Port of discharge Port at which the goods are discharged from the vessel used for their transport.	M an..3	M
C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C	R
	3225	Place/location identification Identification of the name of place/location, other than 3164 City name. <i>Note: Use UN/ECE Recommendation No. 16: UNLOCODE.</i> WASTE HAZARD PLACE/DISCHARGE LAST CODED O	C an..25	R
	1131	Code list qualifier Identification of a code list.	C an..3	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
	3224	Place/location Name of place/location, other than 3164 City name.	C an..70	X
C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C	X
	3223	Related place/location one identification Specification of the first related place/location by code. <i>Note: Use locally agreed code list for berth.</i>	C an..25	X
	1131	Code list qualifier Identification of a code list.	C an..3	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
	3222	Related place/location one Specification of the first related place/location by name.	C an..70	X
C553		RELATED LOCATION TWO IDENTIFICATION Identification of second related location by code or name.	C	X
	3233	Related place/location two identification Specification of a second related place/location by code. <i>Note: Use locally agreed code list.</i>	C an..25	X
	1131	Code list qualifier Identification of a code list.	C an..3	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
	3232	Related place/location two Specification of a second related place/location by name.	C an..70	X
5479		RELATION, CODED To specify the relationship between two or more items.	C an..3	X

Segment: **LOC** Place/Location Identification
Position: 0247
Group: SG5
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: To identify a place or a location and/or related locations.
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		PLACE/LOCATION QUALIFIER Code identifying the function of a location. <i>153 Port of call</i> <i>Port where a vessel has called upon or will call upon.</i>	M an..3	M
C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C	R
	3225	Place/location identification Identification of the name of place/location, other than 3164 City name. <i>Note: Use UN/ECE Recommendation No. 16: UNLOCODE.</i> <i>WASTE HAZARD PLACE/DISCHARGE POC CODED O</i>	C an..25	R
	1131	Code list qualifier Identification of a code list.	C an..3	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
	3224	Place/location Name of place/location, other than 3164 City name.	C an..70	X
C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C	R
	3223	Related place/location one identification Specification of the first related place/location by code. <i>WASTE HAZARD PLACE/DISCHARGE POC BERTH CODED O</i>	C an..25	R
	1131	Code list qualifier Identification of a code list.	C an..3	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
	3222	Related place/location one Specification of the first related place/location by name.	C an..70	X
C553		RELATED LOCATION TWO IDENTIFICATION Identification of second related location by code or name.	C	X
	3233	Related place/location two identification Specification of a second related place/location by code.	C an..25	X
	1131	Code list qualifier Identification of a code list.	C an..3	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
	3232	Related place/location two Specification of a second related place/location by name.	C an..70	X
5479		RELATION, CODED To specify the relationship between two or more items.	C an..3	X

Segment: **LOC** Place/Location Identification
Position: 0248
Group: SG5
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to indicate a location relating to the means of transport, such as: - place or port of departure - next place or port of call.

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		PLACE/LOCATION QUALIFIER Code identifying the function of a location. <i>152 Next port of discharge</i> <i>Next port at which goods are discharged from the vessel used for their transport.</i>	M an..3	M
C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C	R
	3225	Place/location i dentification Identification of the name of place/location, other than 3164 City name. <i>Note: Use UN/ECE Recommendation No. 16: UNLOCODE.</i> <i>WASTE HAZARD REMAINDER DELIVERY POC CODED</i>	C an..25	R
	1131	Code list qualifier Identification of a code list.	C an..3	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
	3224	Place/location Name of place/location, other than 3164 City name.	C an..70	X
C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C	X
	3223	Related place/location one identification Specification of the first related place/location by code.	C an..25	X
	1131	Code list qualifier Identification of a code list.	C an..3	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
	3222	Related place/location one Specification of the first related place/location by name.	C an..70	X
C553		RELATED LOCATION TWO IDENTIFICATION Identification of second related location by code or name.	C	X
	3233	Related place/location two identification Specification of a second related place/location by code.	C an..25	X
	1131	Code list qualifier Identification of a code list.	C an..3	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
	3232	Related place/location two Specification of a second related place/location by name.	C an..70	X
5479		RELATION, CODED To specify the relationship between two or more items.	C an..3	X



Segment: **DTM** Date/Time/Period
Position: 0249
Group: SG5
Level: 2
Usage: Conditional (Required)
Max Use: 2
Purpose: A segment to indicate the date and time of departure in the place or port of call.
Dependency Notes:
Notes: *Note: Segment added.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		DATE/TIME/PERIOD	M	M
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	Date/time/period qualifier	M an..3	M
		Code giving specific meaning to a date, time or period.		
		35 <i>Delivery date/time, actual</i>		
		<i>Date/time on which goods or consignment are delivered at their destination.</i>		
		191 <i>Delivery date/time, expected</i>		
		<i>Date/time on which goods are expected to be delivered.</i>		
	2380	Date/time/period	C an..35	R
		The value of a date, a date and time, a time or of a period in a specified representation.		
		WASTE HAZARD PLACE/DISCHARGE D/T LAST M		
		WASTE HAZARD PLACE/DISCHARGE D/T EXPECTED O		
	2379	Date/time/period format qualifier	C an..3	R
		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>		

Segment: **NAD** Name and Address
Position: 0251
Group: SG5
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to identify a party's name, address and function from which further information can be obtained (e.g. port authority, harbour master).

Dependency Notes:

Notes: *Note: Segment added.

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3035		PARTY QUALIFIER	M an..3	M
		Code giving specific meaning to a party. <i>AP Accepting party</i> (3352) Party accepting goods, products, services etc.		
C082		PARTY IDENTIFICATION DETAILS	C	R
		Identification of a transaction party by code.		
	3039	Party identification	C an..35	R
		Code identifying a party involved in a transaction.		
		WASTE COLLECTOR ID O		
	1131	Code list qualifier	C an..3	X
		Identification of a code list.		
	3055	Code list responsible agency, coded	C an..3	X
		Code identifying the agency responsible for a code list.		
		NAME AND ADDRESS	C	X
C058		Unstructured name and address: one to five lines.		
	3124	Name and address line	M an..35	X
		Free form name and address description.		
	3124	Name and address line	C an..35	X
		Free form name and address description.		
	3124	Name and address line	C an..35	X
		Free form name and address description.		
	3124	Name and address line	C an..35	X
		Free form name and address description.		
	3124	Name and address line	C an..35	X
C080		Free form name and address description.		
		PARTY NAME	C	X
		Identification of a transaction party by name, one to five lines. Party name may be formatted.		
	3036	Party name	M an..35	X
		Name of a party involved in a transaction.		
	3036	Party name	C an..35	X
		Name of a party involved in a transaction.		
	3036	Party name	C an..35	X
		Name of a party involved in a transaction.		
	3036	Party name	C an..35	X
		Name of a party involved in a transaction.		
	3036	Party name	C an..35	X
		Name of a party involved in a transaction.		
	3045	Party name format, coded	C an..3	X

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



Segment: **SGP** Split Goods Placement
Position: 0250
Group: SG5
Level: 2
Usage: Conditional (Optional)
Max Use: 999
Purpose: A segment to indicate the equipment in which the dangerous goods are loaded.

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		EQUIPMENT IDENTIFICATION	M	M
		Marks (letters and/or numbers) identifying equipment used for transport such as a container.		
	8260	Equipment identification number	C an..17	R
		Marks (letters and/or numbers) which identify equipment e.g. unit load device.		
		<i>WASTE HAZARD IN TANK ID O</i>		
	1131	Code list qualifier	C an..3	X
		Identification of a code list.		
	3055	Code list responsible agency, coded	C an..3	X
		Code identifying the agency responsible for a code list.		
	3207	Country, coded	C an..3	X
		Identification of the name of a country or other geographical entity as specified in ISO 3166.		
7224		NUMBER OF PACKAGES	C n..8	X
		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: **UNT** Message Trailer
Position: 0260
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				
<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>
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