IFTMIN Instruction Message v. 1.1
Electronic loading permit

Introduction:

A message from the party issuing an instruction regarding forwarding/transport services for a consignment under conditions agreed, to the party arranging the forwarding and/or transport services.

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
M	0010	UNH	Message Header	M	1		
M	0020	BGM	Beginning of Message	M	1		
	0050	DTM	Date/Time/Period	C	9		
	0090	FTX	Free Text	C	99		
	0100	CNT	Control Total	C	9		
	0180		Segment Group 3: RFF	C		999	
M	0190	RFF	Reference	M	1		
Must Use	0460		Segment Group 8: TDT-SG9	C		99	
M	0470	TDT	Details of Transport	M	1		
	0500		Segment Group 9: LOC	C		99	
M	0510	LOC	Place/Location Identification	M	1		
M	0560		Segment Group 11: NAD-SG12	M		99	
M	0570	NAD	Name and Address	M	1		
	0600		Segment Group 12: CTA-COM	C		9	
M	0610	CTA	Contact Information	M	1		
	0620	COM	Communication Contact	C	9		
	0880		Segment Group 18: GID-TMP-RNG-PIA-FTX-GDS-SG20-SG21-SG22-SG23-SG27-SG32	C		999	
M	0890	GID	Goods Item Details	M	1		
	0910	TMP	Temperature	C	1		
	0920	RNG	Range Details	C	1		
	0960	PIA	Additional Product Id	C	9		
	0970	FTX	Free Text	C	99		
	1010	GDS	Nature of Cargo	O	9		
	1020		Segment Group 20: MEA	C		99	
M	1030	MEA	Measurements	M	1		
	1050		Segment Group 21: DIM	C		99	
M	1060	DIM	Dimensions	M	1		
	1080		Segment Group 22: RFF	C		99	
M	1090	RFF	Reference	M	1		
	1110		Segment Group 23: PCI-RFF-GIN	C		999	
M	1120	PCI	Package Identification	M	1		
	1130	RFF	Reference	C	1		
	1150	GIN	Goods Identity Number	C	10		
	1280		Segment Group 27: TPL	C		9	
M	1290	TPL	Transport Placement	M	1		
	1470		Segment Group 32: DGS-FTX	C		9	

M	1480	DGS	Dangerous Goods	M	1
	1490	FTX	Free Text	C	99
M	1880	UNT	Message Trailer	M	1

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 Instruction message is IFTMIN.
Note: Instruction messages conforming to this document must contain the following data in segment UNH, composite S009:
Data element 0065 IFTMIN   0052 D   0054 97A   0051 UN

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	Data Element	Component Element	Name		Attributes	
M	0062		**MESSAGE REFERENCE NUMBER**		M	an..14
			Unique message reference assigned by the sender.			
M	S009		**MESSAGE IDENTIFIER**		M	
			Identification of the type, version etc. of the message being interchanged.			
M		0065	**Message type identifier**		M	an..6
			Code identifying a type of message and assigned by its controlling agency.			
			IFTMIN	Instruction message		
				A code to identify the instruction message.		
M		0052	**Message type version number**		M	an..3
			Version number of a message type.			
			D	Draft version/UN/EDIFACT Directory		
				Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).		
M		0054	**Message type release number**		M	an..3
			Release number within the current message type version number (0052).			
			97A	Release 1997 - A		
				Message approved and issued in the first 1997 release of the UNTDID (United Nations Trade Data Interchange Directory).		
M		0051	**Controlling agency**		M	an..2
			Code identifying the agency controlling the specification, maintenance and publication of the message type.			
			UN	UN/ECE/TRADE/WP.4		
				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).		
M		0057	**Association assigned code**		M	an..6
			Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.			
			SEA10	Seagha		
X	0068		**COMMON ACCESS REFERENCE**		X	an..35
			Reference serving as a key to relate all subsequent transfers of data to the same business case or file.			
X	S010		**STATUS OF THE TRANSFER**		X	

Statement that the message is one in a sequence of transfers relating to the same topic.

| X | | 0070 | **Sequence message transfer number** | X | n..2 |

Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.

| X | | 0073 | **First/last sequence message transfer indication** | X | a1 |

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 identifying number and type of the message.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	Data Element	Component Element	Name		Attributes
M	C002		**DOCUMENT/MESSAGE NAME**		**M**
			Identification of a type of document/message by code or name. Code preferred.		
M		1001	**Document/message name, coded**	**M**	**an..3**
			Document/message identifier expressed in code.		
			121	Transport loading instruction	
				Instruction to load cargo, containers or transport equipment onto a means of transport.	
X		1131	**Code list qualifier**	**X**	**an..3**
			Identification of a code list.		
X		3055	**Code list responsible agency, coded**	**X**	**an..3**
			Code identifying the agency responsible for a code list.		
X		1000	**Document/message name**	**X**	**an..35**
			Plain language identifier specifying the function of a document/message.		
M	C106		**DOCUMENT/MESSAGE IDENTIFICATION**		**M**
			Identification of a document/message by its number and eventually its version or revision.		
M		1004	**Document/message number**	**M**	**an..35**
			Reference number assigned to the document/message by the issuer.		
			This value exists of a unique reference + sequence number: the first part indicates the unique transaction reference of the IFTMIN. The last two positions indicate the sequence of the changes (01 for a creation, 02 for a first replacement,...).		
X		1056	**Version**	**X**	**an..9**
			To specify the version number or name of an object.		
X		1060	**Revision number**	**X**	**an..6**
			To specify a revision number.		
M	1225		**MESSAGE FUNCTION, CODED**	**M**	**an..3**
			Code indicating the function of the message.		
			1	Cancellation	
				Message cancelling a previous transmission for a given transaction.	
			5	Replace	
				Message replacing a previous message.	
			9	Original	
				Initial transmission related to a given transaction.	
X	4343		**RESPONSE TYPE, CODED**	**X**	**an..3**
			Code specifying the type of acknowledgment required or transmitted.		

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

Segment: **DTM** Date/Time/Period
Position: 0050
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to indicate a date and time applying to the whole message, e.g., date and time of document issue.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	Data Element	Component Element	Name		Attributes
M	C507		**DATE/TIME/PERIOD**		**M**
			Date and/or time, or period relevant to the specified date/time/period type.		
M		2005	**Date/time/period qualifier**		**M an..3**
			Code giving specific meaning to a date, time or period.		
			17	Delivery date/time, estimated	
				Date and/or time when the shipper of the goods expects delivery will take place.	
			137	Document/message date/time	
				(2006) Date/time when a document/message is issued. This may include authentication.	
			200	Pick-up/collection date/time of cargo	
				Date/time at which the cargo is picked up.	
M		2380	**Date/time/period**		**M an..35**
			The value of a date, a date and time, a time or of a period in a specified representation.		
M		2379	**Date/time/period format qualifier**		**M an..3**
			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.	
			203	CCYYMMDDHHMM	
				Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.	
			711	CCYYMMDD-CCYYMMDD	
				Format of period to be given in actual message without hyphen.	

	Data Element	Component Element	Name	Attributes

Segment: **FTX** Free Text
Position: 0090
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99
Purpose: A segment to specify free form or processable supplementary information, such as status of transport, remarks to be printed on the transport documents (where required), consignment remarks, insurance instructions, etc., or any other additional information.

Dependency Notes:
Semantic Notes:
Comments:
Notes: Qualifier BLR is used for loading permit information, that must be printed on the document (instructions to the port facilities).

Qualifier AAI is used for additional information.

Data Element Summary

	Data Element	Component Element	Name	Attributes
M	4451		**TEXT SUBJECT QUALIFIER**	M an..3
			Code specifying subject of a free text.	
			AAI General information	
			BLR Transport document remarks	
			Remarks concerning the complete consignment to be printed on the bill of lading.	
X	4453		**TEXT FUNCTION, CODED**	C an..3
			Code specifying how to handle the text.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X	C107		**TEXT REFERENCE**	O
			Coded reference to a standard text and its source.	
X		4441	**Free text identification**	X an..17
			Free text in coded form.	
X		1131	**Code list qualifier**	C an..3
			Identification of a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		3055	**Code list responsible agency, coded**	C an..3
			Code identifying the agency responsible for a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
	C108		**TEXT LITERAL**	O
			Free text; one to five lines.	
M		4440	**Free text**	M an..70
			Free text field available to the message sender for information.	
		4440	**Free text**	O an..70
			Free text field available to the message sender for information.	
		4440	**Free text**	O an..70
			Free text field available to the message sender for information.	
		4440	**Free text**	O an..70
			Free text field available to the message sender for information.	
		4440	**Free text**	O an..70
			Free text field available to the message sender for information.	
	3453		**LANGUAGE, CODED**	X an..3
			Code of language (ISO 639-1988).	

Segment:		**CNT** Control Total		

Segment: **CNT** Control Total
Position: 0100
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify totals for a consignment.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	Data Element	Component Element	Name	Attributes	
M	C270		**CONTROL**	**M**	
			Control total for checking integrity of a message or part of a message.		
M		6069	**Control qualifier**	**M**	**an..3**
			Determines the source data elements in the message which forms the basis for 6066 Control value.		
		7	Total gross weight		
			Code to indicate total gross weight of a consignment.		
		8	Total pieces		
		11	Total number of packages		
			[7370] Total number of packages of the entire consignment.		
		15	Total consignment, cube		
			The total cube of consignment.		
		29	Total net weight of consignment		
			A code to indicate the total net weight of a consignment.		
M		6066	**Control value**	**M**	**n..18**
			Value obtained from summing the values specified by the Control Qualifier throughout the message (Hash total).		
X		6411	**Measure unit qualifier**	**C**	**an..3**
			Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.		

Group: **RFF** Segment Group 3: Reference
Position: 0180
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 999
Purpose: A group of segments containing a reference and constants which apply to the entire message.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0190	RFF	Reference	M	1	

Segment: **RFF** Reference
Position: 0190 (Trigger Segment)
Group: Segment Group 3 (Reference)   Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to express a reference which applies to the entire message such as: the document/message number that is to be updated by this very message (according to data element 1225 Message Function, Coded in segment BGM), booking reference, order number, insurance contract, etc.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	Data Element	Component Element	Name	Attributes	
M	C506		**REFERENCE**	**M**	
			Identification of a reference.		
M		1153	**Reference qualifier**	**M**	**an..3**
			Code giving specific meaning to a reference segment or a reference number.		

ACW is not to be used in case of an original message (BGM 1225 = 9); Mandatory to be used in case of a replacement or cancellation (BGM 1225 = 1 or 5).

EP is used to indicate the unique loading permit number used for Customs purposes (ASV agreement 2009)

AKR is used to indicate operational (short) loading permit number

FF is used to indicate the freight forwarder's reference.

IL is used to refer to the booking reference.

ACW	Reference number to previous message	
	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).	
AKR	General cargo consignment reference number	
	Reference number identifying a particular general cargo (non-containerised or break bulk) consignment.	
	Operational (short) loading permit reference.	
BM	Bill of lading number	
	Reference number assigned to a bill of lading, see: 1001 = 705.	
BN	Booking reference number	
	[1016] Reference number assigned by the carrier or his agent when cargo space is reserved prior to loading.	
EP	Export permit number	
	Reference number assigned by issuing authority to an export permit for products.	
	Unique loading permit reference used for Customs purposes (see ASV agreement of 2009). .	
FF	Freight forwarder's reference number	
	[1460] Reference number assigned to the consignment by	

			the freight forwarder.		
		IL	Internal order number		
			Number assigned to an order for internal handling/follow up.		
		UCN	Unique consignment reference number		
			(1202) Unique reference of a consignment (UCRN) used for identification purposes in documents and messages exchanged between parties in international trade. See also: Unique Identifier Code (UNIC) in UN/ECE Recommendation No. 8, March 1992.		
M		**1154**	**Reference number**	**M**	**an..35**
			Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.		
X		**1156**	**Line number**	**C**	**an..6**
			Number of the line in the document/message referenced in 1154 Reference number.		
X		**4000**	**Reference version number**	**C**	**an..35**
			To uniquely identify a reference by its revision number.		

	Group:	**TDT**	**Segment Group 8: Details of Transport**
	Position:	0460	
	Group:		
	Level:	1	
	Usage:	Conditional (Required)	
	Max Use:	99	
	Purpose:	A group of segments to indicate details of the movement of goods such as mode and means of transport, locations, departure, and arrival date(s) and time(s).	

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0470	TDT	Details of Transport	M	1	
	0500		Segment Group 9: Place/Location Identification	C		99

	Data	**Component**			
	Element	**Element**	**Name**	**Attributes**	

Segment: **TDT** Details of Transport
Position: 0470 (Trigger Segment)
Group: Segment Group 8 (Details of Transport)   Conditional (Required)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate information related to a certain stage of the transport, such as mode, means and carrier.

Dependency Notes:
Semantic Notes:
Comments:

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Data Element Summary
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	Data Element	**Component Element**	**Name**	**Attributes**	
M	8051		**TRANSPORT STAGE QUALIFIER**	M	an..3

Qualifier giving a specific meaning to the transport details.

      10   Pre-carriage transport

                           Transport by which the goods are moved prior to their main carriage transport.

      20   Main-carriage transport

                           The primary stage in the movement of cargo from the point of origin to the intended destination.

		8028	**CONVEYANCE REFERENCE NUMBER**	O	an..17

Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term).

If DE8051=20, this data element can be used to indicate the voyage reference number.

M	C220		**MODE OF TRANSPORT**	M	

Method of transport code or name. Code preferred.

M		8067	**Mode of transport, coded**	M	an..3

Coded method of transport used for the carriage of the goods.

      1   Maritime
      2   Rail
      3   Road
      4   Air
      8   Inland water

X		8066	**Mode of transport**	X	an..17

Method of transport used for the carriage of the goods.

	C228		**TRANSPORT MEANS**	O	

Code and/or name identifying the type of means of transport.

		8179	**Type of means of transport identification**	O	an..8

Code defining the type of the means of transport being utilized.

X		8178	**Type of means of transport**	C	an..17

Description of the type of the means of transport being utilized.

X	C040		**CARRIER**	C	

Identification of a carrier by code and/or by name. Code preferred.

X		3127	**Carrier identification**	C	an..17

Identification of party undertaking or arranging transport of goods between named points.

X		1131	**Code list qualifier**	C	an..3

Identification of a code list.

Refer to D.97A Data Element Dictionary for acceptable code values.

X		3055	**Code list responsible agency, coded**	C	an..3

Code identifying the agency responsible for a code list.

Refer to D.97A Data Element Dictionary for acceptable code values.

X		3128	**Carrier name**	C	an..35

Name of party undertaking or arranging transport of goods between named points.

X	8101		**TRANSIT DIRECTION, CODED**	C	an..3

Identification of the point of origin and point of direction.

Refer to D.97A Data Element Dictionary for acceptable code values.

X	C401		**EXCESS TRANSPORTATION INFORMATION**	C	

To provide details of reason for, and responsibility for, use of transportation other than normally utilized.

X		8457	**Excess transportation reason, coded**	M	an..3

Indication of reason for excess transportation.

Refer to D.97A Data Element Dictionary for acceptable code values.

X		8459	**Excess transportation responsibility, coded**	M	an..3

Indication of responsibility for excess transportation.

Refer to D.97A Data Element Dictionary for acceptable code values.

X		7130	**Customer authorization number**	C	an..17

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.

	C222		**TRANSPORT IDENTIFICATION**	O	

Code and/or name identifying the means of transport.

		8213	**Id. of means of transport identification**	O	an..9

Identification of the means of transport by name or number.

If DE 8067 = 1 --> Lloyds' number (preferably) or call sign.
If DE 8067 = 3 --> Truck ID

		1131	**Code list qualifier**	X	an..3

Identification of a code list.

		103	Call sign directory
		146	Means of transport identification

Code identifying the name or number of a means of transport (vessel, vehicle).

X		3055	**Code list responsible agency, coded**	O	an..3

Code identifying the agency responsible for a code list.

		8212	**Id. of the means of transport**	O	an..35

Identification of the means of transport by name or number.

If DE 8051 = 20 --> Vessel Name (recommended)
If DE 8051 = 10 --> Barge Name (recommended)
If DE 8067 = 2 --> Wagon ID

		8453	**Nationality of means of transport, coded**	O	an..3

Coded name of the country in which a means of transport is registered.

Via codelijst ISO 3166 two alpha code.

X	8281		**TRANSPORT OWNERSHIP, CODED**	X	an..3

Code indicating the ownership of the means of transport.

Refer to D.97A Data Element Dictionary for acceptable code values.

Group: **LOC** **Segment Group 9: Place/Location Identification**
Position: 0500
Group: Segment Group 8 (Details of Transport)   Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 99
Purpose: A group of segments to specify a location and date/time related to this leg of transport.

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Segment Summary

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	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0510	LOC	Place/Location Identification	M	1	

Segment:	**LOC** Place/Location Identification		
Position:	0510 (Trigger Segment)		
Group:	Segment Group 9 (Place/Location Identification)	Conditional (Optional)	
Level:	2		
Usage:	Mandatory		
Max Use:	1		
Purpose:	A segment to indicate a location such as origin, destination, stop off, etc. related to this leg of transport.		
Dependency Notes:			
Semantic Notes:			
Comments:			

Data Element Summary

	Data Element	Component Element	Name	Attributes
M	3227		**PLACE/LOCATION QUALIFIER**	**M an..3**

Code identifying the function of a location.

7	Place of delivery	
	(3246) Place to which the goods are to be finally delivered under transport contract terms (operational term).	
9	Place/port of loading	
	(3334 + 3230) Seaport, airport, freight terminal, rail station or other place at which the goods (cargo) are loaded on to the means of transport being used for their carriage.	
11	Place/port of discharge	
	(3392 + 3414) Seaport, airport, freight terminal, rail station or other place at which the goods (cargo) are unloaded from the means of transport having been used for their carriage.	
64	First optional place of discharge	
	The first optional place or port of discharge as mentioned on the transport document where cargo can be discharged at the option of the shipper.	
68	Second optional place of discharge	
	The second optional place or port of discharge as mentioned on the transport document where cargo can be discharged at the option of shipper.	
70	Third optional place of discharge	
	The third optional place or port of discharge as mentioned on the transport document where cargo can be discharged at the option of the shipper.	
83	Place of delivery (by on carriage)	
	Place to which the goods are to be finally delivered.	

	C517		**LOCATION IDENTIFICATION**	**C**

Identification of a location by code or name.

		3225	**Place/location identification**	**C an..25**

Identification of the name of place/location, other than 3164 City name.

Use of UN/LOCODES to indicate port

X		1131	**Code list qualifier**	**C an..3**

Identification of a code list.

Refer to D.97A Data Element Dictionary for acceptable code values.

		3055	**Code list responsible agency, coded**	**C an..3**

Code identifying the agency responsible for a code list.

		6	UN/ECE (United Nations - Economic Commission for Europe)		
		3224	**Place/location**	**C**	**an..70**
			Name of place/location, other than 3164 City name.		
	C519		**RELATED LOCATION ONE IDENTIFICATION**	**C**	
			Identification the first related location by code or name.		
		3223	**Related place/location one identification**	**C**	**an..25**
			Specification of the first related place/location by code.		
			Use of codelist SE/BER.		
		1131	**Code list qualifier**	**C**	**an..3**
			Identification of a code list.		
			BER Seagha codelist for berths.		
		3055	**Code list responsible agency, coded**	**C**	**an..3**
			Code identifying the agency responsible for a code list.		
			SE Seagha		
		3222	**Related place/location one**	**C**	**an..70**
			Specification of the first related place/location by name.		
X	C553		**RELATED LOCATION TWO IDENTIFICATION**	**C**	
			Identification of second related location by code or name.		
X		3233	**Related place/location two identification**	**C**	**an..25**
			Specification of a second related place/location by code.		
X		1131	**Code list qualifier**	**C**	**an..3**
			Identification of a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		3055	**Code list responsible agency, coded**	**C**	**an..3**
			Code identifying the agency responsible for a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		3232	**Related place/location two**	**C**	**an..70**
			Specification of a second related place/location by name.		
X	5479		**RELATION, CODED**	**C**	**an..3**
			To specify the relationship between two or more items.		

Group: **NAD** Segment Group 11: Name and Address
Position: 0560
Group:
Level: 1
Usage: Mandatory
Max Use: 99
Purpose: A group of segments to identify a party, related references, locations contacts, required documents, and charges to be paid by the party.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0570	NAD	Name and Address	M	1	
	0600		Segment Group 12: Contact Information	C		9

Segment:	**NAD** Name and Address			
Position:	0570 (Trigger Segment)			
Group:	Segment Group 11 (Name and Address)		Mandatory	
Level:	1			
Usage:	Mandatory			
Max Use:	1			
Purpose:	A segment to identify the party's name, address, and function.			
Dependency Notes:				
Semantic Notes:				
Comments:				

Data Element Summary

	Data Element	Component Element	Name	Attributes	
M	3035		PARTY QUALIFIER	M	an..3

Code giving specific meaning to a party.

AA	Party to be billed (AAR Accounting rule 11)	
	Party to be billed in accordance with AAR Accounting rule 11.	
CG	Carrier's agent	
	Party authorized to act for or on behalf of carrier.	
CZ	Consignor	
	(3336) Party which, by contract with a carrier, consigns or sends goods with the carrier, or has them conveyed by him. Synonym: shipper, sender.	
DO	Document recipient	
	(1370) Party which should receive a specified document.	
	Mate's receipt (M/R) wanted by: party, specified on the Mate's Receipt who will receive the M/R.	
HR	Shipping line service	
	Identifies the shipping line service organization.	
LP	Loading party	
	Party responsible for the loading when other than carrier.	
	FOB receiver (FOB ontvanger)	
MR	Message recipient	
MS	Document/message issuer/sender	
	Issuer of a document and/or sender of a message.	
SR	Seller's agent/representative	
	(3254) Party representing the seller for the purpose of the trade transaction.	
	FOB supplier (FOB leverancier)	

	Data Element	Component Element	Name	Attributes	
	C082		**PARTY IDENTIFICATION DETAILS**	O	
			Identification of a transaction party by code.		
M		3039	**Party id. identification**	M	an..35
			Code identifying a party involved in a transaction.		
		1131	**Code list qualifier**	O	an..3
			Identification of a code list.		
M		3055	**Code list responsible agency, coded**	M	an..3
			Code identifying the agency responsible for a code list.		
X	C058		**NAME AND ADDRESS**	X	
			Unstructured name and address: one to five lines.		
X		3124	**Name and address line**	M	an..35
			Free form name and address description.		

X		3124	**Name and address line**	**C** **an..35**
			Free form name and address description.	
X		3124	**Name and address line**	**C** **an..35**
			Free form name and address description.	
X		3124	**Name and address line**	**C** **an..35**
			Free form name and address description.	
X		3124	**Name and address line**	**C** **an..35**
			Free form name and address description.	
	C080		**PARTY NAME**	**O**
			Identification of a transaction party by name, one to five lines. Party name may be formatted.	
		3036	**Party name**	**O** **an..35**
			Name of a party involved in a transaction.	
		3036	**Party name**	**O** **an..35**
			Name of a party involved in a transaction.	
X		3036	**Party name**	**X** **an..35**
			Name of a party involved in a transaction.	
X		3036	**Party name**	**X** **an..35**
			Name of a party involved in a transaction.	
X		3036	**Party name**	**X** **an..35**
			Name of a party involved in a transaction.	
X		3045	**Party name format, coded**	**X** **an..3**
			Specification of the representation of a party name.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
	C059		**STREET**	**O**
			Street address and/or PO Box number in a structured address: one to three lines.	
		3042	**Street and number/p.o. box**	**O** **an..35**
			Street and number in plain language, or Post Office Box No.	
X		3042	**Street and number/p.o. box**	**X** **an..35**
			Street and number in plain language, or Post Office Box No.	
X		3042	**Street and number/p.o. box**	**X** **an..35**
			Street and number in plain language, or Post Office Box No.	
		3042	**Street and number/p.o. box**	**X** **an..35**
			Street and number in plain language, or Post Office Box No.	
	3164		**CITY NAME**	**O** **an..35**
			Name of a city (a town, a village) for addressing purposes.	
X	3229		**COUNTRY SUB-ENTITY IDENTIFICATION**	**X** **an..9**
			Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.	
	3251		**POSTCODE IDENTIFICATION**	**O** **an..9**
			Code defining postal zones or addresses.	
	3207		**COUNTRY, CODED**	**O** **an..3**
			Identification of the name of a country or other geographical entity as specified in ISO 3166.	

	Group:	**CTA** Segment Group 12: Contact Information
	Position:	0600
	Group:	Segment Group 11 (Name and Address) Mandatory
	Level:	2
	Usage:	Conditional (Optional)
	Max Use:	9
	Purpose:	A group of segments identifying a contact and its communications related to the party.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0610	CTA	Contact Information	M	1	
	0620	COM	Communication Contact	C	9	

Segment: **CTA** **Contact Information**
Position: 0610 (Trigger Segment)
Group: Segment Group 12 (Contact Information)   Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a person or department within a party.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	Data Element	Component Element	Name	Attributes	
M	3139		**CONTACT FUNCTION, CODED**	M	an..3

Code specifying the function of a contact (e.g. department or person).

	IC	Information contact

Department/person to contact for questions regarding transactions.

	Data Element	Component Element	Name	Attributes	
M	C056		**DEPARTMENT OR EMPLOYEE DETAILS**	M	

Code and/or name of a department or employee. Code preferred.

		3413	**Department or employee identification**	X	an..17

Internal identification code.

M		3412	**Department or employee**	M	an..35

The department or person within an organizational entity.

		Segment:	**COM** Communication Contact

Segment: **COM** Communication Contact
Position: 0620
Group: Segment Group 12 (Contact Information)   Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to identify a communication number of a person or department to whom communication should be directed.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	Data Element	Component Element	Name	Attributes	
M	C076		**COMMUNICATION CONTACT**	**M**	
			Communication number of a department or employee in a specified channel.		
M		3148	**Communication number**	**M**	**an..512**
			The communication number.		
M		3155	**Communication channel qualifier**	**M**	**an..3**
			Code identifying the type of communication channel being used.		

EM   Electronic mail

Creating/sending/receiving of unstructured free text messages or documents using computer network, a mini-computer or an attached modem and regular telephone line or other electronic transmission media.

FX   Telefax

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

TE   Telephone

Voice/data transmission by telephone.

Group: **GID** Segment Group 18: Goods Item Details
Position: 0880
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 999
Purpose: A group of segments to describe the goods items for which transport is undertaken.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0890	GID	Goods Item Details	M	1	
	0910	TMP	Temperature	C	1	
	0920	RNG	Range Details	C	1	
	0960	PIA	Additional Product Id	C	9	
	0970	FTX	Free Text	C	99	
	1010	GDS	Nature of Cargo	O	9	
	1020		Segment Group 20: Measurements	C		99
	1050		Segment Group 21: Dimensions	C		99
	1080		Segment Group 22: Reference	C		99
	1110		Segment Group 23: Package Identification	C		999
	1280		Segment Group 27: Transport Placement	C		9
	1470		Segment Group 32: Dangerous Goods	C		9

	Segment:	**GID** Goods Item Details
	Position:	0890 (Trigger Segment)
	Group:	Segment Group 18 (Goods Item Details) Conditional (Optional)
	Level:	1
	Usage:	Mandatory
	Max Use:	1
	Purpose:	A segment to identify a goods item for which transport is undertaken. A goods item can be identified by up to three levels of packaging.
Dependency Notes:		
Semantic Notes:		
Comments:		
Notes:		Basically the GID segment group is used to give information about the lowest level of packaging.

Basically the GID segment group is used to give information about the lowest level of packaging.
In case of giving information about several levels of packaging, the second and the third C213 element are used. The information in the following segments (e.g. MEA, DIM, etc) relates to the first C213 i.e. to the outer packaging. Within the ABAS working group of 2009 it was agreed not to use the 2nd C213 and 3rd C213, but to refer to the inner packaging in the PCI group.

Data Element Summary

	Data Element	Component Element	Name	Attributes	
M	1496		**GOODS ITEM NUMBER**	M	n..5
			Serial number differentiating each separate goods item entry of a consignment as contained in one document/declaration.		
M	C213		**NUMBER AND TYPE OF PACKAGES**	M	
			Number and type of individual parts of a shipment.		
			Outer packages, which can be clearly distinguished by the terminal operator (visibly)		
		7224	**Number of packages**	O	n..8
			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.		
		7065	**Type of packages identification**	O	an..17
			Coded description of the form in which goods are presented.		
			Use subset of UN/Recommendation 21.		
		1131	**Code list qualifier**	O	an..3
			Identification of a code list.		
			3 Outer		
X		3055	**Code list responsible agency, coded**	X	an..3
			Code identifying the agency responsible for a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
		7064	**Type of packages**	O	an..35
			Description of the form in which goods are presented.		
X		7233	**Packaging related information, coded**	X	an..3
			Code giving packaging, handling and marking related information.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
	C213		**NUMBER AND TYPE OF PACKAGES**	O	
			Number and type of individual parts of a shipment.		
			THE INNER/INTERMEDIATE PACKAGING WILL BE PROVIDED IN THE PCI GROUP (MARKS)		
			This composite data element is used to indicate the 'said to contain' intermediate packages. Please note that the total intermediate packages has to be given. e.g. 5 outer packages are specified in the first occurrence of data element C213. There are 10 intermediate packages per outer package. The		

	7224	**Number of packages**	O	n..8

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.

	7065	**Type of packages identification**	O	an..17

Coded description of the form in which goods are presented.

Use subset of Recommendation 21.

	1131	**Code list qualifier**	O	an..3

Identification of a code list.

    2   Intermediate

X	3055	**Code list responsible agency, coded**	X	an..3

Code identifying the agency responsible for a code list.

Refer to D.97A Data Element Dictionary for acceptable code values.

X	7064	**Type of packages**	X	an..35

Description of the form in which goods are presented.

X	7233	**Packaging related information, coded**	X	an..3

Code giving packaging, handling and marking related information.

Refer to D.97A Data Element Dictionary for acceptable code values.

	C213	**NUMBER AND TYPE OF PACKAGES**	O	

Number and type of individual parts of a shipment.

THE INNER/INTERMEDIATE PACKAGING WILL BE PROVIDED IN THE PCI GROUP (MARKS)

	7224	**Number of packages**	O	n..8

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.

This composite data element is used to indicate the 'said to contain' inner packages. Please note that the total inner packages has to be given.

	7065	**Type of packages identification**	O	an..17

Coded description of the form in which goods are presented.

Use subset of UN/Recommendation 21.

	1131	**Code list qualifier**	O	an..3

Identification of a code list.

    1   Outer

X	3055	**Code list responsible agency, coded**	X	an..3

Code identifying the agency responsible for a code list.

Refer to D.97A Data Element Dictionary for acceptable code values.

X	7064	**Type of packages**	X	an..35

Description of the form in which goods are presented.

X	7233	**Packaging related information, coded**	X	an..3

Code giving packaging, handling and marking related information.

Refer to D.97A Data Element Dictionary for acceptable code values.

	C213	**NUMBER AND TYPE OF PACKAGES**	O	

Number and type of individual parts of a shipment.

To be used in case of dangerous goods to indicate the type of package of the dangerous goods.

X	7224	**Number of packages**	X	n..8

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.

	7065	**Type of packages identification**	O	an..17

Coded description of the form in which goods are presented.

X	1131	**Code list qualifier**	X	an..3

Identification of a code list.

			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		3055	**Code list responsible agency, coded**	X	an..3
			Code identifying the agency responsible for a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		7064	**Type of packages**	X	an..35
			Description of the form in which goods are presented.		
X		7233	**Packaging related information, coded**	X	an..3
			Code giving packaging, handling and marking related information.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X	C213		**NUMBER AND TYPE OF PACKAGES**	X	
			Number and type of individual parts of a shipment.		
X		7224	**Number of packages**	X	n..8
			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.		
X		7065	**Type of packages identification**	X	an..17
			Coded description of the form in which goods are presented.		
X		1131	**Code list qualifier**	X	an..3
			Identification of a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		3055	**Code list responsible agency, coded**	X	an..3
			Code identifying the agency responsible for a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		7064	**Type of packages**	X	an..35
			Description of the form in which goods are presented.		
X		7233	**Packaging related information, coded**	X	an..3
			Code giving packaging, handling and marking related information.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		

		Segment:	**TMP** Temperature

Segment: **TMP** Temperature
Position: 0910
Group: Segment Group 18 (Goods Item Details)   Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify a temperature setting for a goods item.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	Data Element	Component Element	Name	Attributes	
M	6245		**TEMPERATURE QUALIFIER**	M	an..3

A code giving specific meaning to the temperature.

    2   Transport temperature

                The temperature at which cargo is to be kept while it is under transport.

M	C239		**TEMPERATURE SETTING**	M	

The temperature under which the goods are (to be) stored or shipped.

M		6246	**Temperature setting**	M	n3

The actual temperature value in degrees Celsius (e.g. 008, 020).

M		6411	**Measure unit qualifier**	M	an..3

Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.

    CEL   Celcius

Segment: **RNG** Range Details
Position: 0920
Group: Segment Group 18 (Goods Item Details)   Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify a temperature range setting for a goods item.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	Data Element	Component Element	Name	Attributes	
M	6167		**RANGE TYPE QUALIFIER**	M	an..3

Identification of the type of range.

		5	Temperature range

The range of a temperature.

	Data Element	Component Element	Name	Attributes	
M	C280		**RANGE**	M	

Range minimum and maximum limits.

M		6411	**Measure unit qualifier**	M	an..3

Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.

		6162	**Range minimum**	O	n..18

Minimum of a range.

		6152	**Range maximum**	O	n..18

Maximum of a range.

Segment:		**PIA** Additional Product Id			
Position:		0960			
Group:		Segment Group 18 (Goods Item Details)	Conditional (Optional)		
Level:		2			
Usage:		Conditional (Optional)			
Max Use:		9			
Purpose:		A segment to specify article numbers.			
Dependency Notes:					
Semantic Notes:					
Comments:					
Notes:		This segment is used for the Harmonised System (HS) Customs code identifying the goods.			

Data Element Summary

	Data Element	Component Element	Name	Attributes	
M	4347		**PRODUCT ID. FUNCTION QUALIFIER**	M	an..3
			Indication of the function of the product code.		
			5 Product identification		
M	C212		**ITEM NUMBER IDENTIFICATION**	M	
			Goods identification for a specified source.		
		7140	**Item number**	C	an..35
			A number allocated to a group or item.		
			Harmonised System (HS) Customs code.		
		7143	**Item number type, coded**	C	an..3
			Identification of the type of item number.		
			HS Harmonised system		
X		1131	**Code list qualifier**	C	an..3
			Identification of a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		3055	**Code list responsible agency, coded**	C	an..3
			Code identifying the agency responsible for a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X	C212		**ITEM NUMBER IDENTIFICATION**	C	
			Goods identification for a specified source.		
X		7140	**Item number**	C	an..35
			A number allocated to a group or item.		
X		7143	**Item number type, coded**	C	an..3
			Identification of the type of item number.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		1131	**Code list qualifier**	C	an..3
			Identification of a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		3055	**Code list responsible agency, coded**	C	an..3
			Code identifying the agency responsible for a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X	C212		**ITEM NUMBER IDENTIFICATION**	C	
			Goods identification for a specified source.		
X		7140	**Item number**	C	an..35
			A number allocated to a group or item.		
X		7143	**Item number type, coded**	C	an..3
			Identification of the type of item number.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		

X		1131	**Code list qualifier**	C	an..3

Identification of a code list.

Refer to D.97A Data Element Dictionary for acceptable code values.

X		3055	**Code list responsible agency, coded**	C	an..3

Code identifying the agency responsible for a code list.

Refer to D.97A Data Element Dictionary for acceptable code values.

X	C212		**ITEM NUMBER IDENTIFICATION**	C	

Goods identification for a specified source.

X		7140	**Item number**	C	an..35

A number allocated to a group or item.

X		7143	**Item number type, coded**	C	an..3

Identification of the type of item number.

Refer to D.97A Data Element Dictionary for acceptable code values.

X		1131	**Code list qualifier**	C	an..3

Identification of a code list.

Refer to D.97A Data Element Dictionary for acceptable code values.

X		3055	**Code list responsible agency, coded**	C	an..3

Code identifying the agency responsible for a code list.

Refer to D.97A Data Element Dictionary for acceptable code values.

X	C212		**ITEM NUMBER IDENTIFICATION**	C	

Goods identification for a specified source.

X		7140	**Item number**	C	an..35

A number allocated to a group or item.

X		7143	**Item number type, coded**	C	an..3

Identification of the type of item number.

Refer to D.97A Data Element Dictionary for acceptable code values.

X		1131	**Code list qualifier**	C	an..3

Identification of a code list.

Refer to D.97A Data Element Dictionary for acceptable code values.

X		3055	**Code list responsible agency, coded**	C	an..3

Code identifying the agency responsible for a code list.

Refer to D.97A Data Element Dictionary for acceptable code values.

	Segment:	**FTX** Free Text			
	Position:	0970			
	Group:	Segment Group 18 (Goods Item Details)	Conditional (Optional)		
	Level:	2			
	Usage:	Conditional (Optional)			
	Max Use:	99			
	Purpose:	A segment to specify processable supplementary information relating to the goods item.			

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	Data Element	Component Element	Name	Attributes	
M	4451		**TEXT SUBJECT QUALIFIER**	M	an..3

Code specifying subject of a free text.

  AAA   Goods description

             [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).

	Data Element	Component Element	Name	Attributes	
X	4453		**TEXT FUNCTION, CODED**	X	an..3

Code specifying how to handle the text.

Refer to D.97A Data Element Dictionary for acceptable code values.

	Data Element	Component Element	Name	Attributes	
X	C107		**TEXT REFERENCE**	X	

Coded reference to a standard text and its source.

		Component Element	Name	Attributes	
X		4441	**Free text identification**	X	an..17

Free text in coded form.

		Component Element	Name	Attributes	
X		1131	**Code list qualifier**	X	an..3

Identification of a code list.

		Component Element	Name	Attributes	
X		3055	**Code list responsible agency, coded**	X	an..3

Code identifying the agency responsible for a code list.

	Data Element	Component Element	Name	Attributes	
M	C108		**TEXT LITERAL**	M	

Free text; one to five lines.

		Component Element	Name	Attributes	
M		4440	**Free text**	M	an..70

Free text field available to the message sender for information.

The length of this data element is restricted to 26 characters.

		Component Element	Name	Attributes	
		4440	**Free text**	O	an..70

Free text field available to the message sender for information.

The length of this data element is restricted to 26 characters.

		Component Element	Name	Attributes	
		4440	**Free text**	O	an..70

Free text field available to the message sender for information.

The length of this data element is restricted to 26 characters.

		Component Element	Name	Attributes	
		4440	**Free text**	O	an..70

Free text field available to the message sender for information.

The length of this data element is restricted to 26 characters.

		Component Element	Name	Attributes	
		4440	**Free text**	O	an..70

Free text field available to the message sender for information.

The length of this data element is restricted to 26 characters.

	Data Element	Component Element	Name	Attributes	
X	3453		**LANGUAGE, CODED**	X	an..3

Code of language (ISO 639-1988).

Segment: **GDS** Nature of Cargo
Position: 1010
Group: Segment Group 18 (Goods Item Details)   Conditional (Optional)
Level: 2
Usage: Optional (Optional)
Max Use: 9
Purpose: A segment to describe the nature of cargo.

Dependency Notes:
Semantic Notes:
Comments:
Notes: Type of commodity.

Data Element Summary

	Data Element	Component Element	Name	Attributes	
M	C703		**NATURE OF CARGO**	M	
			Rough classification of a type of cargo.		
M		7085	**Nature of cargo, coded**	M	an..3
			Code indicating the type of cargo as a rough classification.		
			Preferably in line with UN/Recommendation 28 codes.		
		1131	**Code list qualifier**	O	an..3
			Identification of a code list.		
			COM Seagha codelist for commodities		
		3055	**Code list responsible agency, coded**	O	an..3
			Code identifying the agency responsible for a code list.		
			SE Seagha		

	Group:	**MEA** Segment Group 20: Measurements			
	Position:	1020			
	Group:	Segment Group 18 (Goods Item Details) Conditional (Optional)			
	Level:	2			
	Usage:	Conditional (Optional)			
	Max Use:	99			
	Purpose:	A group of segments to specify measurements applicable to a goods item.			

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1030	MEA	Measurements	M	1	

<table>
<tr><td align="right">Segment:</td><td># MEA Measurements</td></tr>
<tr><td align="right">Position:</td><td>1030 (Trigger Segment)</td></tr>
<tr><td align="right">Group:</td><td>Segment Group 20 (Measurements)   Conditional (Optional)</td></tr>
<tr><td align="right">Level:</td><td>2</td></tr>
<tr><td align="right">Usage:</td><td>Mandatory</td></tr>
<tr><td align="right">Max Use:</td><td>1</td></tr>
<tr><td align="right">Purpose:</td><td>A segment to specify measurements, other than dimensions, applicable to a goods item.</td></tr>
<tr><td align="right">Dependency Notes:</td><td></td></tr>
<tr><td align="right">Semantic Notes:</td><td></td></tr>
<tr><td align="right">Comments:</td><td></td></tr>
<tr><td align="right">Notes:</td><td>For weight the format will be I11.D4 (11 integers, 4 decimals: n..15) using an explicit decimal point. No leading or trailing zero's are necessary. For a volume the recommended format will be I9.D6 (9 integers, 6 decimals: n..15) using an explicit decimal point (e.g. 23654.25). No leading or trailing zero's are necessary.</td></tr>
</table>

Data Element Summary

	Data Element	Component Element	Name	Attributes	
M	6311		**MEASUREMENT PURPOSE QUALIFIER**	M	an..3
			Specification of the purpose of the measurement.		
			AAE Measurement		
			[6314] Value of the measured unit.		
M	C502		**MEASUREMENT DETAILS**	M	
			Identification of measurement type.		
M		6313	**Property measured, coded**	M	an..3
			Specification of the property measured.		
			AAL Net weight		
			[6160] Weight (mass) of goods including any packing normally going with them to a buyer in a retail sale.		
			ABJ Volume		
			The amount of air space taken up by the entity identified in the 6311 qualifier.		
			G Gross weight		
			[6292] Weight (mass) of goods including packing but excluding the carrier's equipment.		
X		6321	**Measurement significance, coded**	X	an..3
			Code specifying the significance of a measurement value.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		6155	**Measurement attribute identification**	X	an..17
			Code used to specify non-discrete measurement values.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		6154	**Measurement attribute**	X	an..70
			To specify non-discrete measurement values.		
M	C174		**VALUE/RANGE**	M	
			Measurement value and relevant minimum and maximum tolerances in that order.		
M		6411	**Measure unit qualifier**	M	an..3
			Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.		
			FTQ Cubic feet		
			KGM Kilogram		
			MTQ Cubic Metres		
			TNE Tonne		
M		6314	**Measurement value**	M	an..18
			Value of the measured unit.		

X		6162	**Range minimum**	X	**n..18**

Minimum of a range.

X		6152	**Range maximum**	X	**n..18**

Maximum of a range.

X		6432	**Significant digits**	X	**n..2**

To specify the number of significant digits.

X	7383		**SURFACE/LAYER INDICATOR, CODED**	X	**an..3**

Code indicating the surface or layer of a product that is being described.

Refer to D.97A Data Element Dictionary for acceptable code values.

	Group:	**DIM** Segment Group 21: Dimensions	

Group: **DIM** Segment Group 21: Dimensions
Position: 1050
    Group: Segment Group 18 (Goods Item Details)   Conditional (Optional)
    Level: 2
    Usage: Conditional (Optional)
Max Use: 99
  Purpose: A group of segments to specify dimensions applicable to a goods item.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1060	DIM	Dimensions	M	1	

		Segment:	**DIM** Dimensions

Segment: **DIM** Dimensions
Position: 1060 (Trigger Segment)
Group: Segment Group 21 (Dimensions)   Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: To specify dimensions applicable to a goods item.
Dependency Notes:
Semantic Notes:
Comments:
Notes: For a volume the recommended format will be I9.D6 (9 integers, 6 decimals: n..15) using an explicit decimal point (e.g. 23654.25). No leading or trailing zero's are necessary.

Data Element Summary

	Data Element	Component Element	Name	Attributes	
M	6145		**DIMENSION QUALIFIER**	M	an..3

To specify the dimensions applicable to each of the transportable units.

	1	Gross dimensions

The dimension expressed in a gross value.

	Data Element	Component Element	Name	Attributes	
M	C211		**DIMENSIONS**	M	

Specification of the dimensions of a transportable unit.

		6411	**Measure unit qualifier**	M	an..3

Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.

	CMT	centimetres
	FOT	Foot
	INH	Inch
	MMT	Millimetre
	MTR	metre

		6168	**Length dimension**	O	n..15

Length of pieces or packages stated for transport purposes.

		6140	**Width dimension**	O	n..15

Width of pieces or packages stated for transport purposes.

		6008	**Height dimension**	O	n..15

Height of pieces or packages stated for transport purposes.

	Group:	**RFF** Segment Group 22: Reference	
	Position:	1080	
	Group:	Segment Group 18 (Goods Item Details)	Conditional (Optional)
	Level:	2	
	Usage:	Conditional (Optional)	
	Max Use:	99	
	Purpose:	A group of segments to identify references to a goods item.	
	Notes:	Remark: official EDIFACT is 9, but extended to allow more than 9 occurences (Customs documents)	

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1090	RFF	Reference	M	1	

Segment: **RFF** Reference

Position:	1090 (Trigger Segment)
Group:	Segment Group 22 (Reference) Conditional (Optional)
Level:	2
Usage:	Mandatory
Max Use:	1
Purpose:	A segment to identify a reference to a goods item.
Dependency Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

	Data Element	Component Element	Name		Attributes	
M	C506		**REFERENCE**		**M**	
			Identification of a reference.			
M		1153	**Reference qualifier**		**M**	**an..3**
			Code giving specific meaning to a reference segment or a reference number.			

ABT	Customs declaration number	
	[1426] Number, assigned or accepted by Customs, to identify a Goods declaration.	
	Reference to PLDA/NCTS declaration.	
XTR	NCTS Customs document (transit)	

		1154	**Reference number**		**C**	**an..35**

Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.
Customs document reference number or MRN (Movement Reference Number)

X		1156	**Line number**		**C**	**an..6**

Number of the line in the document/message referenced in 1154 Reference number.

		4000	**Reference version number**		**C**	**an..35**

To uniquely identify a reference by its revision number.
ECS Customs office of exit or NCTS Customs office of destination. EU codes are used, e.g. BE101000 for Antwerp.

Group: **PCI** **Segment Group 23: Package Identification**
Position: 1110
Group: Segment Group 18 (Goods Item Details)   Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 999
Purpose: A group of segments to specify marks and numbers of a goods item.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1120	PCI	Package Identification	M	1	
	1130	RFF	Reference	C	1	
	1150	GIN	Goods Identity Number	C	10	

<div align="center">

Segment: **PCI** Package Identification

</div>

Position:	1120 (Trigger Segment)
Group:	Segment Group 23 (Package Identification) Conditional (Optional)
Level:	2
Usage:	Mandatory
Max Use:	1
Purpose:	A segment to specify marks and numbers of a goods item.
Dependency Notes:	
Semantic Notes:	
Comments:	

<div align="center">

Data Element Summary

</div>

	Data Element	Component Element	Name		Attributes
	4233		**MARKING INSTRUCTIONS, CODED**	**O**	**an..3**
			Code indicating instructions on how specified packages or physical units should be marked.		
		24	Shipper assigned		
			Markings to identify a shipment, package or carton as assigned by shipper.		
	C210		**MARKS & LABELS**	**O**	
			Shipping marks on packages in free text; one to ten lines.		
M		**7102**	**Shipping marks**	**M**	**an..35**
			Marks and numbers identifying individual packages.		
		7102	**Shipping marks**	**O**	**an..35**
			Marks and numbers identifying individual packages.		
		7102	**Shipping marks**	**O**	**an..35**
			Marks and numbers identifying individual packages.		
		7102	**Shipping marks**	**O**	**an..35**
			Marks and numbers identifying individual packages.		
		7102	**Shipping marks**	**O**	**an..35**
			Marks and numbers identifying individual packages.		
		7102	**Shipping marks**	**O**	**an..35**
			Marks and numbers identifying individual packages.		
		7102	**Shipping marks**	**O**	**an..35**
			Marks and numbers identifying individual packages.		
		7102	**Shipping marks**	**O**	**an..35**
			Marks and numbers identifying individual packages.		
		7102	**Shipping marks**	**O**	**an..35**
			Marks and numbers identifying individual packages.		
		7102	**Shipping marks**	**O**	**an..35**
			Marks and numbers identifying individual packages.		
X	**8275**		**CONTAINER/PACKAGE STATUS, CODED**	**X**	**an..3**
			Code to identify whether goods of separate description or comprising separate consignments are contained in the same external packaging or to indicate that a container or similar unit load device is empty.		
X	**C827**		**TYPE OF MARKING**	**X**	
			Specification of the type of marking that reflects the method that was used and the conventions adhered to for marking (e.g. of packages).		
X		**7511**	**Type of marking, coded**	**M**	**an..3**
			To specify the type of marking that reflects the method and the conventions adhered to for marking.		
X		**1131**	**Code list qualifier**	**C**	**an..3**

Identification of a code list.

X   **3055**   **Code list responsible agency, coded**   **C**   **an..3**
Code identifying the agency responsible for a code list.

		Segment:	**RFF** Reference

Segment: **RFF** Reference
Position: 1130
Group: Segment Group 23 (Package Identification)   Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to identify a reference relating to the marks and numbers.
Dependency Notes:
Semantic Notes:
Comments:
Notes: Used for inner packaging

Data Element Summary

	Data Element	Component Element	Name		Attributes
M	C506		**REFERENCE**	**M**	
			Identification of a reference.		
		1153	**Reference qualifier**	**C**	**an..3**
			Code giving specific meaning to a reference segment or a reference number.		
			Inner package type code - UN/Recommendation 21.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
		1154	**Reference number**	**C**	**an..35**
			Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.		
			Package count.		
X		1156	**Line number**	**C**	**an..6**
			Number of the line in the document/message referenced in 1154 Reference number.		
		4000	**Reference version number**	**C**	**an..35**
			To uniquely identify a reference by its revision number.		
			Package description (free text)		

		Segment:	**GIN** Goods Identity Number		

Segment: **GIN** Goods Identity Number
Position: 1150
Group: Segment Group 23 (Package Identification)   Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: To specify identity numbers related to transport units such as batch numbers or serial numbers.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	Data Element	Component Element	Name		Attributes
M	7405		**IDENTITY NUMBER QUALIFIER**	M	an..3
			Code specifying the type/source of identity number.		
			For example coil numbers.		
			BN Serial number		
			Identification number of an item which distinguishes this specific item out of a number of identical items.		
M	C208		**IDENTITY NUMBER RANGE**	M	
			Goods item identification numbers, start and end of consecutively numbered range.		
M		7402	**Identity number**	M	an..35
			The number given to an object for its unique identification.		
		7402	**Identity number**	O	an..35
			The number given to an object for its unique identification.		
X	C208		**IDENTITY NUMBER RANGE**	X	
			Goods item identification numbers, start and end of consecutively numbered range.		
X		7402	**Identity number**	M	an..35
			The number given to an object for its unique identification.		
X		7402	**Identity number**	O	an..35
			The number given to an object for its unique identification.		
X	C208		**IDENTITY NUMBER RANGE**	X	
			Goods item identification numbers, start and end of consecutively numbered range.		
X		7402	**Identity number**	M	an..35
			The number given to an object for its unique identification.		
X		7402	**Identity number**	O	an..35
			The number given to an object for its unique identification.		
X	C208		**IDENTITY NUMBER RANGE**	X	
			Goods item identification numbers, start and end of consecutively numbered range.		
X		7402	**Identity number**	M	an..35
			The number given to an object for its unique identification.		
X		7402	**Identity number**	O	an..35
			The number given to an object for its unique identification.		
X	C208		**IDENTITY NUMBER RANGE**	X	
			Goods item identification numbers, start and end of consecutively numbered range.		
X		7402	**Identity number**	M	an..35

The number given to an object for its unique identification.

X   **7402**   **Identity number**   **O**   **an..35**

The number given to an object for its unique identification.

			Group:	**TPL** Segment Group 27: Transport Placement

Group: **TPL** Segment Group 27: Transport Placement
Position: 1280
Group: Segment Group 18 (Goods Item Details)   Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments to identify transport details and associated measurements for a goods item. This group may be repeated to indicate the different phases of the movement.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1290	TPL	Transport Placement	M	1	

			Segment:	**TPL** Transport Placement

Segment: **TPL** Transport Placement
Position: 1290 (Trigger Segment)
Group: Segment Group 27 (Transport Placement) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify transport details for a goods item.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	Data Element	Component Element	Name	Attributes	
M	C222		**TRANSPORT IDENTIFICATION**	**M**	
			Code and/or name identifying the means of transport.		
		8213	**Id. of means of transport identification**	O	an..9
			Identification of the means of transport by name or number.		
			The data element can be used to indicate the license plate of the truck (truck ID) in which the goods are located.		
X		1131	**Code list qualifier**	C	an..3
			Identification of a code list.		
		3055	**Code list responsible agency, coded**	O	an..3
			Code identifying the agency responsible for a code list.		
			ZZZ Mutually defined		
		8212	**Id. of the means of transport**	O	an..35
			Identification of the means of transport by name or number.		
			The data element can be used to indicate the wagon number (wagon ID) in which the goods are located.		
		8453	**Nationality of means of transport, coded**	X	an..3
			Coded name of the country in which a means of transport is registered.		

	Group:	**DGS** Segment Group 32: Dangerous Goods				

Group: **DGS** Segment Group 32: Dangerous Goods
Position: 1470
Group: Segment Group 18 (Goods Item Details)   Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments to specify dangerous goods details related to the goods item. One goods item may be in different dangerous goods classes.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1480	DGS	Dangerous Goods	M	1	
	1490	FTX	Free Text	C	99	

	Data Element	Component Element	Name	Attributes	

Segment: **DGS** Dangerous Goods
Position: 1480 (Trigger Segment)
Group: Segment Group 32 (Dangerous Goods)   Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate the class of dangerous goods, packing group, etc.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	Data Element	Component Element	Name	Attributes	
M	8273		**DANGEROUS GOODS REGULATIONS, CODED**	M	an..3

Code indicating the regulation, international or national, applicable for a means of transport.

> IMD   IMO IMDG code
>
> Regulations regarding the transportation of dangerous goods on ocean-going vessels issued by the International Maritime Organization.

		C205	**HAZARD CODE**	O	

The identification of the dangerous goods in code.

M		8351	**Hazard code identification**	M	an..7

Dangerous goods code.

IMDG code

X		8078	**Hazard substance/item/page number**	X	an..7

Number giving additional hazard code classification of a goods item within the applicable dangerous goods regulation.

X		8092	**Hazard code version number**	X	an..10

The version/revision number of date of issuance of the code used.

M	C234		**UNDG INFORMATION**	M	

Information on United Nations Dangerous Goods classification.

M		7124	**UNDG number**	M	n4

Unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried.

X		7088	**Dangerous goods flashpoint**	X	an..8

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**	O	

Temperature at which a vapor according to ISO 1523/73 can be ignited.

		7106	**Shipment flashpoint**	O	n3

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**	O	an..3

Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.

X	8339		**PACKING GROUP, CODED**	X	an..3

Identification of a packing group by code.

Refer to D.97A Data Element Dictionary for acceptable code values.

	8364		**EMS NUMBER**	O	an..6

Emergency procedures for ships carrying dangerous goods.

	8410		**MFAG**	O	an..4

Medical first aid guide.

X	8126		**TREM CARD NUMBER**	X	an..10

The identification of a transport emergency card giving advice for emergency actions.

X	C235		**HAZARD IDENTIFICATION**	X	

Identification of the Orange placard required on the means of transport.

X		8158	**Hazard identification number, upper part**	X	an..4

The id. number for the Orange Placard (upper part) required on the means of transport.

X		8186	**Substance identification number, lower part**	X	an4

The number for the Orange Placard (lower part) required on the means of transport.

X	C236		**DANGEROUS GOODS LABEL**	X	

Markings identifying the type of hazardous goods and similar information.

X		8246	**Dangerous goods label marking**	X	an..4

Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.

X		8246	**Dangerous goods label marking**	X	an..4

Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.

X		8246	**Dangerous goods label marking**	X	an..4

Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.

X	8255		**PACKING INSTRUCTION, CODED**	X	an..3

Code defining the quantity and the type of package in which a product is allowed to be shipped in a passenger or freight aircraft.

X	8325		**CATEGORY OF MEANS OF TRANSPORT, CODED**	X	an..3

Identification of the type of means of transport determined to carry particular goods, not necessarily being hazardous.
Refer to D.97A Data Element Dictionary for acceptable code values.

X	8211		**PERMISSION FOR TRANSPORT, CODED**	X	an..3

Code giving evidence that transportation of particular hazardous cargo is permitted and identifies the restrictions being put upon a particular transport.

	Segment:	**FTX** Free Text
	Position:	1490
	Group:	Segment Group 32 (Dangerous Goods) Conditional (Optional)
	Level:	3
	Usage:	Conditional (Optional)
	Max Use:	99
	Purpose:	A segment to specify the dangerous goods technical name and to specify any additional dangerous goods information.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	Data Element	Component Element	Name	Attributes	
M	4451		**TEXT SUBJECT QUALIFIER**	M	an..3
			Code specifying subject of a free text.		
			AAD Dangerous goods, technical name		
			Proper shipping name, supplemented as necessary with the correct technical name, by which a dangerous substance or article may be correctly identified or which is sufficiently informative to permit identification by reference to generally available literature.		
X	4453		**TEXT FUNCTION, CODED**	X	an..3
			Code specifying how to handle the text.		
X	C107		**TEXT REFERENCE**	X	
			Coded reference to a standard text and its source.		
X		4441	**Free text identification**	X	an..17
			Free text in coded form.		
X		1131	**Code list qualifier**	X	an..3
			Identification of a code list.		
X		3055	**Code list responsible agency, coded**	X	an..3
			Code identifying the agency responsible for a code list.		
M	C108		**TEXT LITERAL**	M	
			Free text; one to five lines.		
M		4440	**Free text**	M	an..70
			Free text field available to the message sender for information.		
		4440	**Free text**	O	an..70
			Free text field available to the message sender for information.		
		4440	**Free text**	O	an..70
			Free text field available to the message sender for information.		
		4440	**Free text**	O	an..70
			Free text field available to the message sender for information.		
		4440	**Free text**	O	an..70
			Free text field available to the message sender for information.		
X	3453		**LANGUAGE, CODED**	X	an..3
			Code of language (ISO 639-1988).		

				Segment:	**UNT** Message Trailer

Segment: **UNT** Message Trailer
Position: 1880
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:
Semantic Notes:
Comments:

Data Element Summary

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