HAMBURG SÜD

EDIFACT Version D Release 99B

IFTMBF
Firm Booking Message From Customer To Hamburg Süd

Message Implementation Guide

Version 1.0.1

Change history

Version	Date	Comments
1.0.0	30-Nov-2016	Initial version
1.0.1	21.02.2020	Monteiro/Schifkowski/Riesterer

Contact our eCommerce team :

Email: ecommerce@hamburgsud.com

Hamburg Süd
Customer Order Management
Willy-Brandt-Str. 59-61
20457 Hamburg
Germany

IFTMBF Firm Booking Message

Introduction:

A message from a party definitely booking forwarding and/or transport services for a consignment to the party providing those services. The message will contain the conditions under which the sender of the messages requires the services to take place.

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
M	0010	UNB	Interchange Header	M	1		
M	0020	UNH	Message Header	M	1		
M	0030	BGM	Beginning of Message	M	1		
	0040	CTA	Contact Information	C	1		
	0050	COM	Communication Contact	C	9		
	0060	DTM	Date/Time/Period	C	9		
	0070	TSR	Transport Service Requirements	C	9		
X	0080	MOA	Monetary Amount	C	9		
	0090	FTX	Free Text	C	99		
X	0100	CNT	Control Total	C	9		
X	0110	GDS	Nature of Cargo	C	9		
	0120		Segment Group 1: LOC-DTM	C		99	
M	0130	LOC	Place/Location Identification	M	1		
X	0140	DTM	Date/Time/Period	C	9		
X	0150		Segment Group 2: TOD-LOC	C		2	
X	0160	TOD	Terms of Delivery or Transport	M	1		
X	0170	LOC	Place/Location Identification	C	9		
	0180		Segment Group 3: RFF-DTM	C		99	
M	0190	RFF	Reference	M	1		
X	0200	DTM	Date/Time/Period	C	9		
X	0210		Segment Group 4: GOR-FTX-SG5	C		9	
X	0220	GOR	Governmental Requirements	M	1		
X	0230	FTX	Free Text	C	9		
X	0240		Segment Group 5: DOC-DTM	C		9	
X	0250	DOC	Document/Message Details	M	1		
X	0260	DTM	Date/Time/Period	C	1		
X	0270		Segment Group 6: TCC-LOC-FTX-CUX-PRI-EQN-PCD-MOA-QTY	C		99	
X	0280	TCC	Transport Charge/Rate Calculations	M	1		
X	0290	LOC	Place/Location Identification	C	1		
X	0300	FTX	Free Text	C	1		
X	0310	CUX	Currencies	C	1		
X	0320	PRI	Price Details	C	1		
X	0330	EQN	Number of Units	C	1		
X	0340	PCD	Percentage Details	C	1		
X	0350	MOA	Monetary Amount	C	9		
X	0360	QTY	Quantity	C	9		
	0370		Segment Group 7: TDT-DTM-TSR-SG8-SG9	C		99	
M	0380	TDT	Details of Transport	M	1		

X	0390	DTM	Date/Time/Period	C	9	
X	0400	TSR	Transport Service Requirements	C	9	
	0410		Segment Group 8: LOC-DTM	C		99
M	0420	LOC	Place/Location Identification	M	1	
X	0430	DTM	Date/Time/Period	C	9	
X	0440		Segment Group 9: RFF-DTM	C		9
X	0450	RFF	Reference	M	1	
X	0460	DTM	Date/Time/Period	C	1	
	0470		Segment Group 10: NAD-LOC-SG11-SG12-SG13-SG14-SG15	C		99
M	0480	NAD	Name and Address	M	1	
X	0490	LOC	Place/Location Identification	C	9	
	0500		Segment Group 11: CTA-COM	C		9
M	0510	CTA	Contact Information	M	1	
	0520	COM	Communication Contact	C	9	
X	0530		Segment Group 12: DOC-DTM	C		9
X	0540	DOC	Document/Message Details	M	1	
X	0550	DTM	Date/Time/Period	C	1	
X	0560		Segment Group 13: RFF-DTM	C		9
X	0570	RFF	Reference	M	1	
X	0580	DTM	Date/Time/Period	C	9	
	0590		Segment Group 14: CPI-RFF-CUX-LOC-MOA	C		9
M	0600	CPI	Charge Payment Instructions	M	1	
X	0610	RFF	Reference	C	99	
X	0620	CUX	Currencies	C	1	
	0630	LOC	Place/Location Identification	C	9	
X	0640	MOA	Monetary Amount	C	9	
X	0650		Segment Group 15: TSR-RFF-LOC-TPL-FTX	C		99
X	0660	TSR	Transport Service Requirements	M	1	
X	0670	RFF	Reference	C	1	
X	0680	LOC	Place/Location Identification	C	1	
X	0690	TPL	Transport Placement	C	1	
X	0700	FTX	Free Text	C	9	
	0710		Segment Group 16: GID-HAN-TMP-RNG-TMD-LOC-MOA-PIA-FTX-PCD-SG17-GDS-SG18-SG19-SG20-SG21-SG22-SG23-SG25-SG27	C		999
M	0720	GID	Goods Item Details	M	1	
X	0730	HAN	Handling Instructions	C	1	
X	0740	TMP	Temperature	C	1	
X	0750	RNG	Range Details	C	1	
X	0760	TMD	Transport Movement Details	C	1	
X	0770	LOC	Place/Location Identification	C	9	
X	0780	MOA	Monetary Amount	C	9	
	0790	PIA	Additional Product Id	C	9	
	0800	FTX	Free Text	C	9	
X	0810	PCD	Percentage Details	C	9	
X	0820		Segment Group 17: NAD-DTM	C		9
X	0830	NAD	Name and Address	M	1	
X	0840	DTM	Date/Time/Period	C	1	

X	0850	GDS	Nature of Cargo	C	9	
	0860		Segment Group 18: MEA-EQN	C		99
M	0870	MEA	Measurements	M	1	
X	0880	EQN	Number of Units	C	1	
	0890		Segment Group 19: DIM-EQN	C		99
M	0900	DIM	Dimensions	M	1	
X	0910	EQN	Number of Units	C	1	
	0920		Segment Group 20: RFF-DTM	C		9
M	0930	RFF	Reference	M	1	
X	0940	DTM	Date/Time/Period	C	9	
X	0950		Segment Group 21: PCI-RFF-DTM-GIN	C		9
X	0960	PCI	Package Identification	M	1	
X	0970	RFF	Reference	C	1	
X	0980	DTM	Date/Time/Period	C	1	
X	0990	GIN	Goods Identity Number	C	9	
X	1000		Segment Group 22: DOC-DTM	C		9
X	1010	DOC	Document/Message Details	M	1	
X	1020	DTM	Date/Time/Period	C	9	
X	1030		Segment Group 23: TPL-SG24	C		9
X	1040	TPL	Transport Placement	M	1	
X	1050		Segment Group 24: MEA-EQN	C		9
X	1060	MEA	Measurements	M	1	
X	1070	EQN	Number of Units	C	1	
	1080		Segment Group 25: SGP-SG26	C		999
M	1090	SGP	Split Goods Placement	M	1	
	1100		Segment Group 26: MEA-EQN	C		9
M	1110	MEA	Measurements	M	1	
X	1120	EQN	Number of Units	C	1	
	1130		Segment Group 27: DGS-FTX-SG28-SG29-SG30	C		99
M	1140	DGS	Dangerous Goods	M	1	
	1150	FTX	Free Text	C	99	
	1160		Segment Group 28: CTA-COM	C		9
M	1170	CTA	Contact Information	M	1	
M	1180	COM	Communication Contact	M	9	
	1190		Segment Group 29: MEA-EQN	C		9
M	1200	MEA	Measurements	M	1	
X	1210	EQN	Number of Units	C	1	
X	1220		Segment Group 30: SGP-SG31	C		999
X	1230	SGP	Split Goods Placement	M	1	
X	1240		Segment Group 31: MEA-EQN	C		9
X	1250	MEA	Measurements	M	1	
X	1260	EQN	Number of Units	C	1	
	1270		Segment Group 32: EQD-EQN-TMD-MEA-DIM-TPL-HAN-TMP-FTX-RFF-SG33-SG35	C		999
M	1280	EQD	Equipment Details	M	1	
	1290	EQN	Number of Units	C	1	
	1300	TMD	Transport Movement Details	C	1	

	1310	MEA	Measurements	C	9	
	1320	DIM	Dimensions	C	9	
X	1330	TPL	Transport Placement	C	9	
	1340	HAN	Handling Instructions	C	1	
	1350	TMP	Temperature	C	1	
	1360	FTX	Free Text	C	9	
	1370	RFF	Reference	C	9	
	1380		Segment Group 33: NAD-DTM-SG34	C		9
M	1390	NAD	Name and Address	M	1	
X	1400	DTM	Date/Time/Period	C	1	
	1410		Segment Group 34: CTA-COM	C		9
M	1420	CTA	Contact Information	M	1	
	1430	COM	Communication Contact	C	9	
X	1440		Segment Group 35: DGS-FTX-SG36	C		99
X	1450	DGS	Dangerous Goods	M	1	
X	1460	FTX	Free Text	C	9	
X	1470		Segment Group 36: CTA-COM	C		9
X	1480	CTA	Contact Information	M	1	
X	1490	COM	Communication Contact	C	9	
M	1500	UNT	Message Trailer	M	1	
M	1510	UNZ	Interchange Trailer	M	1	

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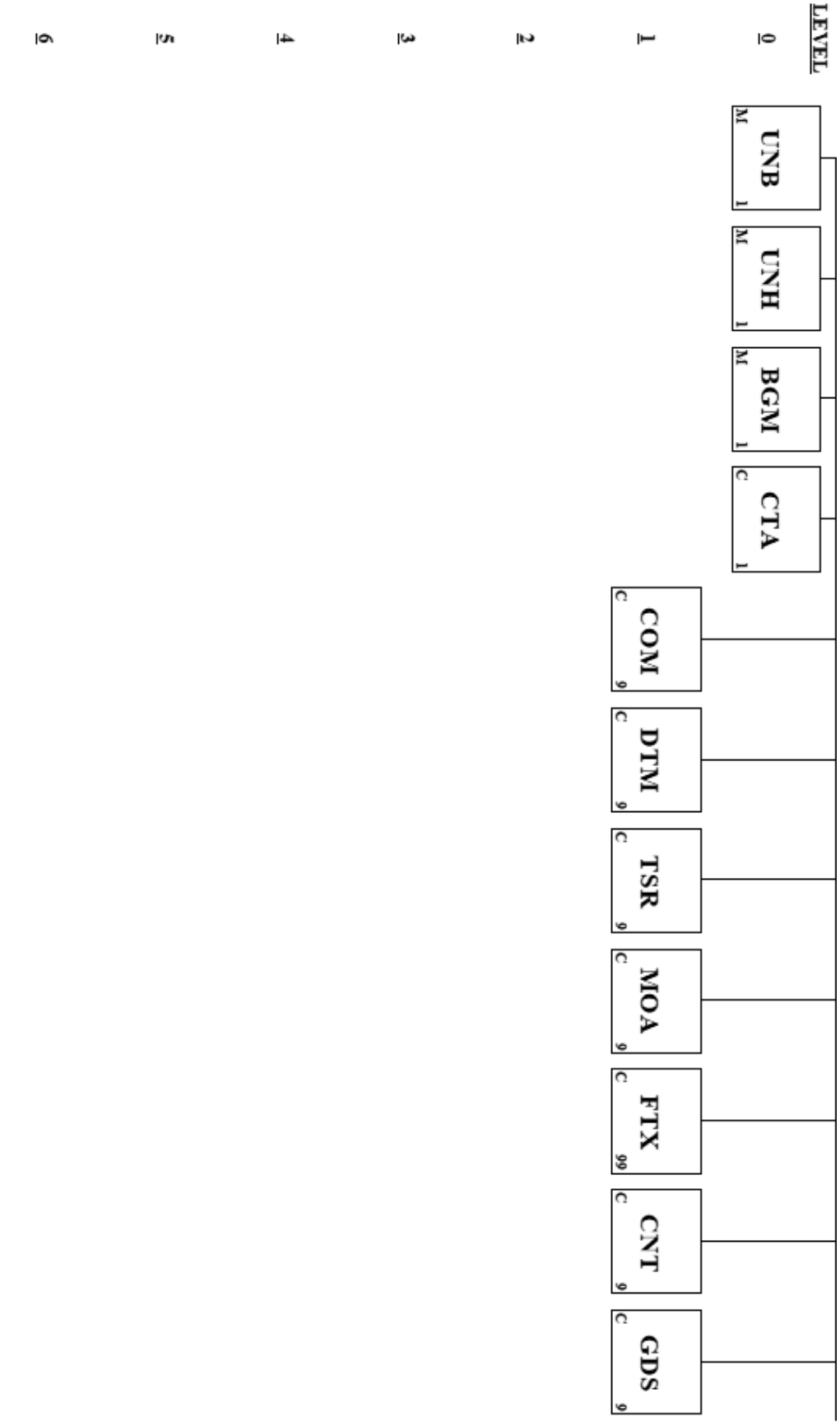
LEVEL
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CTA
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DTM
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TSR
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MOA
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FTX
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GDS
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LEVEL
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HAMBURG SÜD

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C 1
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TMD
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15C 99
CUX
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RFF
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TPL
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HAMBURG SÜD

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MOA
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PIA
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FTX
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PCD
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NAD
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DTM
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GDS
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MEA
M 1
18C
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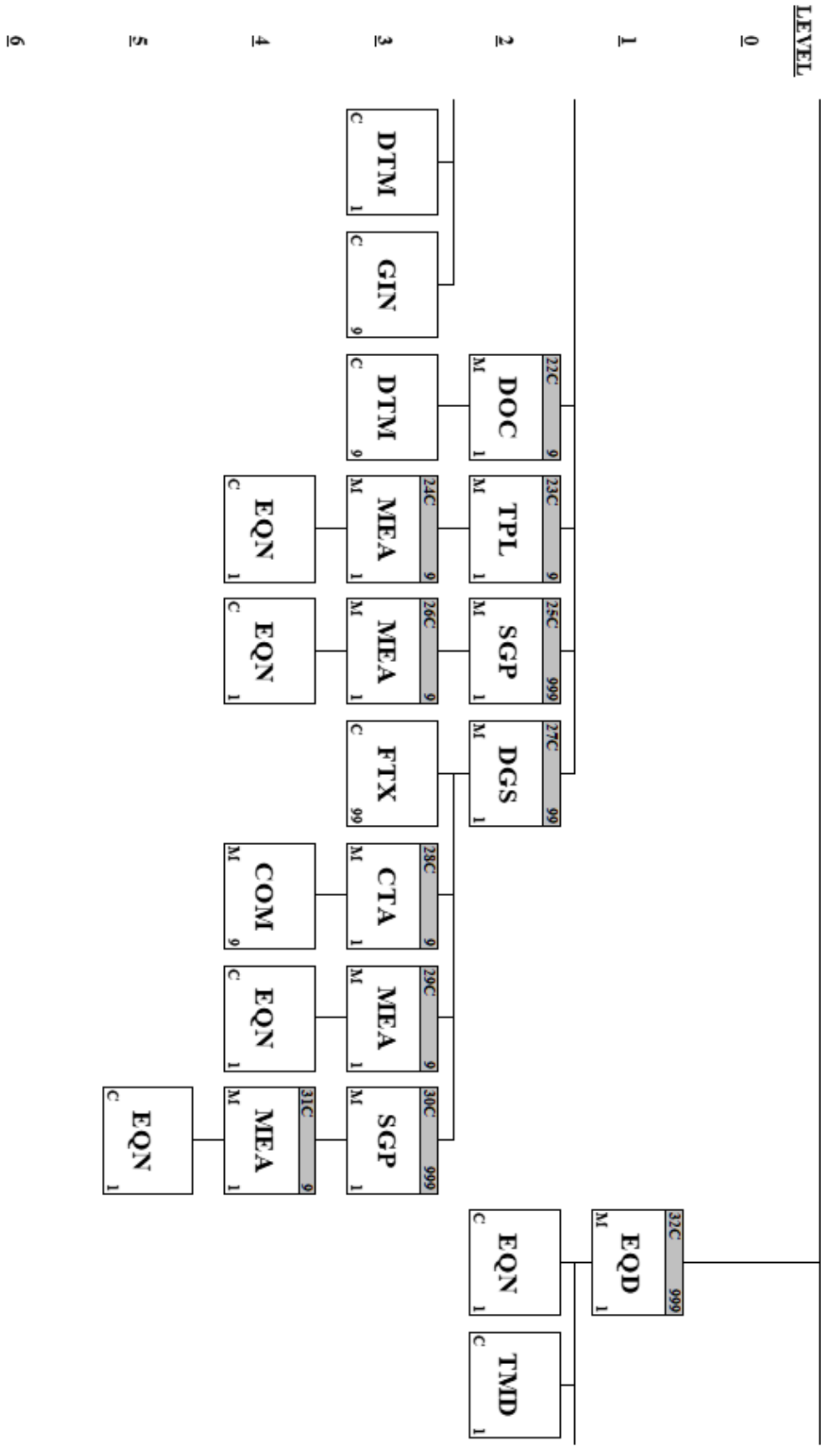
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LEVEL
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COM
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DGS
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FTX
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CTA
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COM
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LEVEL
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UNT
M
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UNZ
M
1

Segment: **UNB** **Interchange 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 Firm booking message is IFTMBF.
Note: Firm booking messages conforming to this document must contain the following data in segment UNH, composite S009:
Data element 0065 IFTMBF 0052 D 0054 99B 0051 UN
Comments:
Notes: Example Syntax:

UNB+UNOC:3+SENDERID:ZZZ+HAMSUD:ZZZ+160705:1318+125'

Data Element Summary

Attributes	Data Element	Component Element	Name		
M	**S001**		**SYNTAX IDENTIFIER**	**M**	**1**
			Identification of the agency controlling the syntax and indication of syntax level.		
M		**0001**	**Syntax identifier**	**M**	**a4**
			Coded identification of the agency controlling a syntax and syntax level used in an interchange.		
			Supported values:		
			UNOC UN/ECE level C As defined in ISO 8859-1 : Information processing - Part 1: Latin alphabet No. 1.		
M		**0002**	**Syntax version number**	**M**	**n1**
			Version number of the syntax identified in the syntax identifier (0001).		
			Supported values:		
			3 Version 3 ISO 9735 Amendment 1:1992.		
M	**S002**		**INTERCHANGE SENDER**	**M**	**1**
			Identification of the sender of the interchange.		
M		**0004**	**Sender identification**	**M**	**an..35**
			Name or coded representation of the sender of a data interchange.		
			Customer ID		
		0007	**Partner identification code qualifier**	**C**	**an..4**
			Qualifier referring to the source of codes for the identifiers of interchanging partners.		
			Supported values:		
			ZZZ Mutually defined		
X		**0008**	**Address for reverse routing**	**C**	**an..14**
M	**S003**		**INTERCHANGE RECIPIENT**	**M**	**1**
			Identification of the recipient of the interchange.		
M		**0010**	**Recipient identification**	**M**	**an..35**
			Name or coded representation of the recipient of a data interchange.		
			Supported values:		
			HAMSUD Hamburg Süd		
		0007	**Partner identification code qualifier**	**C**	**an..4**
			Qualifier referring to the source of codes for the identifiers of interchanging partners.		

			Supported values:			
			ZZZ Mutually defined			
X		**0014**	**Routing address**	**C**		**an..14**
M	**S004**		**DATE AND TIME OF PREPARATION**	**M**	**1**	
			Date and time of preparation of the interchange.			
M		**0017**	**Date of preparation**	**M**		**n6**
			Local date when an interchange or a functional group was prepared.			
M		**0019**	**Time of preparation**	**M**		**n4**
			Local time of day when an interchange or a functional group was prepared.			
M	**0020**		**INTERCHANGE CONTROL REFERENCE**	**M**	**1**	**an..14**
			Unique reference assigned by the sender to an interchange.			
X	**S005**		**RECIPIENTS REFERENCE PASSWORD**	**C**	**1**	
			Reference or password as agreed between the communicating partners.			
X		**0022**	**Recipient reference/password**	**M**		**an..14**
			Unique reference assigned by the recipient to the data interchange or a password to the recipient's system or to a third party network as specified in the partners interchange agreement.			
X		**0025**	**Recipient reference/password qualifier**	**C**		**an2**
			Qualifier for the recipient's reference or password.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X	**0026**		**APPLICATION REFERENCE**	**C**	**1**	**an..14**
X	**0029**		**PROCESSING PRIORITY CODE**	**C**	**1**	**a1**
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X	**0031**		**ACKNOWLEDGEMENT REQUEST**	**C**	**1**	**n1**
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X	**0032**		**COMMUNICATIONS AGREEMENT ID**	**C**	**1**	**an..35**
X	**0035**		**TEST INDICATOR**	**C**	**1**	**n1**
			Refer to D.99B Data Element Dictionary for acceptable code values.			

Segment: **UNH** **Message Header**
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.
Comments:
Notes: Example Syntax:

UNH+123869+IFTMBF:D:99B:UN'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**0062**		**MESSAGE REFERENCE NUMBER** Unique message reference assigned by the sender.	**M**	**1**	**an..14**
M	**S009**		**MESSAGE IDENTIFIER** Identification of the type, version etc. of the message being interchanged.	**M**	**1**	
M		**0065**	**Message type identifier** Code identifying a type of message and assigned by its controlling agency. Supported values: IFTMBF — Firm booking message A code to identify the firm booking message.	**M**		**an..6**
M		**0052**	**Message type version number** Version number of a message type. Supported values: 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**		**an..3**
M		**0054**	**Message type release number** Release number within the current message type version number (0052). Supported values: 99B — Release 1999 - B Message approved and issued in the second 1999 release of the UNTDID (United Nations Trade Data Interchange Directory).	**M**		**an..3**
M		**0051**	**Controlling agency** Code identifying the agency controlling the specification, maintenance and publication of the message type. Supported values: UN — UN/CEFACT United Nations Centre for the Facilitation of procedures and practices for Administration, Commerce and Transport (UN/CEFACT).	**M**		**an..2**
		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.	**C**		**an..6**
	0068		**COMMON ACCESS REFERENCE** Reference serving as a key to relate all subsequent transfers of data to the same business case or file.	**C**	**1**	**an..35**

	S010		**STATUS OF THE TRANSFER**	**C**	**1**
			Statement that the message is one in a sequence of transfers relating to the same topic.		
M		**0070**	**Sequence message transfer number**	**M**	**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.		
		0073	**First/last sequence message transfer indication**	**C**	**a1**
			Indication used for the first and last message in a sequence of the same type of message relating to the same topic. Refer to D.99B Data Element Dictionary for acceptable code values.		

Segment: **BGM** **Beginning of Message**
Position: 0030
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a person or department to whom communication should be directed.
Comments:
Notes: Example Syntax:

BGM+335+69789+9'

Data Element Summary

Attributes	Data Element	Component Element	Name			
	C002		**DOCUMENT/MESSAGE NAME**	**C**	**1**	
			Identification of a type of document/message by code or name. Code preferred.			
		1001	**Document name code**	**C**		**an..3**
			Code specifying the document name.			
			Supported values:			
			335 Booking request Document/message issued by a supplier to a carrier requesting space to be reserved for a specified consignment, indicating desirable conveyance, despatch time, etc.			
X		**1131**	**Code list identification code**	**C**		**an..3**
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**1000**	**Document name**	**C**		**an..35**
	C106		**DOCUMENT/MESSAGE IDENTIFICATION**	**C**	**1**	
			Identification of a document/message by its number and eventually its version or revision.			
		1004	**Document/message number**	**C**		**an..35**
			Reference number assigned to the document/message by the issuer.			
			Unique number.			
X		**1056**	**Version**	**C**		**an..9**
X		**1060**	**Revision number**	**C**		**an..6**
	1225		**MESSAGE FUNCTION CODE**	**C**	**1**	**an..3**
			Code indicating the function of the message.			
			Supported values:			
			1 Cancellation Message cancelling a previous transmission for a given transaction. 4 Change Message containing items to be changed. 5 Replace Message replacing a previous message. 9 Original Initial transmission related to a given transaction.			
X	**4343**		**RESPONSE TYPE CODE**	**C**	**1**	**an..3**

Refer to D.99B Data Element Dictionary for acceptable code values.

Segment: **CTA** **Contact Information**
Position: 0040
Group:
Level: 0
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to identify a communication number of a person or department to whom communication should be directed.
Comments:
Notes: Example Syntax:

CTA+IC+:Jennifer Rodriguez'

Data Element Summary

Attributes	Data Element	Component Element	Name			
	3139		**CONTACT FUNCTION CODE** Code specifying the function of a contact (e.g. department or person). Supported values: IC Information contact Department/person to contact for questions regarding transactions.	**C**	**1**	**an..3**
	C056		**DEPARTMENT OR EMPLOYEE DETAILS** Code and/or name of a department or employee. Code preferred.	**C**	**1**	
X		**3413**	**Department or employee identification**	**C**		**an..17**
		3412	**Department or employee** The department or person within an organizational entity.	**C**		**an..35**

Segment: **COM** **Communication Contact**
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.
Comments:
Notes: Contact details of EDI partner.

Example Syntax:

COM+john.doe@partnerdomain.com:EM'
COM+?+494012345678:TE'

Data Element Summary

Attributes	Data Element	Component Element	Name		
M	**C076**		**COMMUNICATION CONTACT**	**M**	**3**
			Communication number of a department or employee in a specified channel.		
M		**3148**	**Communication number**	**M**	**an..512**
			The communication number.		
M		**3155**	**Communication number code qualifier**	**M**	**an..3**
			Code qualifying the communication number.		
			Supported values:		
			EM Electronic mail Exchange of mail by electronic means.		
			FX Telefax Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media.		
			TE Telephone Voice/data transmission by telephone.		

Segment: **DTM** **Date/Time/Period**
Position: 0060
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to identify the contract, conditions of carriage, services, and priority requirements for the transport.
Comments:
Notes: Example Syntax:

DTM+137:20160705:102'

Data Element Summary

Attributes	Data Element	Component Element	Name		
M	**C507**		**DATE/TIME/PERIOD** Date and/or time, or period relevant to the specified date/time/period type.	**M**	**1**
M		**2005**	**Date/time/period function code qualifier** Code giving specific meaning to a date, time or period.	**M**	**an..3**
			Supported values: 137 Document/message date/time (2006) Date/time when a document/message is issued. This may include authentication.		
		2380	**Date/time/period value** The value of a date, a date and time, a time or of a period in a specified representation.	**C**	**an..35**
		2379	**Date/time/period format code** Code specifying the representation of a date, time or period.	**C**	**an..3**
			Supported values: 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.		

Segment: **TSR** **Transport Service Requirements**
Position: 0070
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify a monetary amount, such as prepaid amount, discount or total amount.
Comments:
Notes: Example Syntax:

TSR+30'

Data Element Summary

Attributes	Data Element	Component Element	Name			
	C536		**CONTRACT AND CARRIAGE CONDITION** To identify a contract and carriage condition.	**C**	**1**	
M		**4065**	**Contract and carriage condition code** Code to identify the conditions of contract and carriage.	**M**		**an..3**
			Supported values: 27 Door-to-door The carrier is responsible for the intermodal carriage of cargo including both the pre-carriage and the on-carriage. 28 Door-to-pier The carrier is responsible for the intermodal carriage of cargo including the pre-carriage, but excluding the on-carriage. 29 Pier-to-door The carrier is responsible for the intermodal carriage of cargo including the on-carriage, but excluding the pre-carriage. 30 Pier-to-pier The carrier of intermodal cargo is only responsible for the main carriage.			
X		**1131**	**Code list identification code** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		**3055**	**Code list responsible agency code** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X	**C233**		**SERVICE** To identify a service (which may constitute an additional component to a basic contract).	**C**	**1**	
X		**7273**	**Service requirement code** Code specifying a service requirement. Refer to D.99B Data Element Dictionary for acceptable code values.	**M**		**an..3**
X		**1131**	**Code list identification code** Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		**3055**	**Code list responsible agency code** Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		**7273**	**Service requirement code** Code specifying a service requirement.	**C**		**an..3**

			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**1131**	**Code list identification code**	**C**		**an..3**
			Identification of a code list.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X	**C537**		**TRANSPORT PRIORITY**	**C**	**1**	
			To indicate the priority of requested transport service.			
X		**4219**	**Transport priority, coded**	**M**		**an..3**
			Coded priority of requested transport service.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**1131**	**Code list identification code**	**C**		**an..3**
			Identification of a code list.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X	**C703**		**NATURE OF CARGO**	**C**	**1**	
			Rough classification of a type of cargo.			
X		**7085**	**Nature of cargo, coded**	**M**		**an..3**
			Code indicating the type of cargo as a rough classification.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**1131**	**Code list identification code**	**C**		**an..3**
			Identification of a code list.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			

Segment: **FTX** **Free Text**
Position: 0090
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99
Purpose: A segment to specify totals for a consignment.
Comments:
Notes: Example Syntax:

FTX+AAI+++US SHIPMENTS HAVE TO BE REMOVED BEFOREHAND.'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**4451**		**TEXT SUBJECT CODE QUALIFIER** Code specifying the subject of the text. Supported values: AAI General information CCI Customs clearance instructions Any coded or clear instruction agreed by customer and carrier regarding the declaration of the goods. CUS Customs declaration information Note contains customs declaration information.	**M**	**1**	**an..3**
X	**4453**		**TEXT FUNCTION, CODED** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**	**1**	**an..3**
X	**C107**		**TEXT REFERENCE** Coded reference to a standard text and its source.	**C**	**1**	
X		**4441**	**Free text value code** Code specifying free form text.	**M**		**an..17**
X		**1131**	**Code list identification code** Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		**3055**	**Code list responsible agency code** Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
	C108		**TEXT LITERAL** Free text; one to five lines.	**C**	**1**	
M		**4440**	**Free text value** Free form text.	**M**		**an..512**
		4440	**Free text value** Free form text.	**C**		**an..512**
		4440	**Free text value** Free form text.	**C**		**an..512**
		4440	**Free text value** Free form text.	**C**		**an..512**
		4440	**Free text value** Free form text.	**C**		**an..512**
X	**3453**		**LANGUAGE NAME CODE**	**C**	**1**	**an..3**
X	**4447**		**TEXT FORMATTING, CODED** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**	**1**	**an..3**

Group:	**LOC Segment Group 1: Place/Location Identification**
Position:	0120
Group:	
Level:	1
Usage:	Conditional (Optional)
Max Use:	99
Purpose:	A segment to identify a location applying to the entire message.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0130	LOC	Place/Location Identification	M	1	

Segment: **LOC** **Place/Location Identification**
Position: 0130 (Trigger Segment)
Group: Segment Group 1 (Place/Location Identification) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate date(s) and time(s) relating to the location.

Comments:
Notes: Example Syntax:

LOC+197+NLRTM:181:6:ROTTERDAM+:::NETHERLANDS'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**3227**		**LOCATION FUNCTION CODE QUALIFIER** Code identifying the function of a location.	**M**	**1**	**an..3**
			Supported values:			
			7 Place of delivery (3246) Place to which the goods are to be finally delivered under transport contract terms (operational term).			
			88 Place of receipt Identification of the location at which the cargo is actually received.			
			197 Place of inquiry Place to which an inquiry is made.			
	C517		**LOCATION IDENTIFICATION** Identification of a location by code or name.	**C**	**1**	
		3225	**Location name code** Code specifying the name of the location.	**C**		**an..25**
		1131	**Code list identification code** Identification of a code list.	**C**		**an..3**
			Supported values:			
			181 Activity Code identifying activities.			
		3055	**Code list responsible agency code** Code specifying the agency responsible for a code list.	**C**		**an..3**
			Supported values:			
			6 UN/ECE (United Nations - Economic Commission for Europe)			
			86 Assigned by party originating the message Codes assigned by the party originating the message.			
		3224	**Location name** Name of the location.	**C**		**an..256**
	C519		**RELATED LOCATION ONE IDENTIFICATION** Identification the first related location by code or name.	**C**	**1**	
			Used to provide country information			
		3223	**Related place/location one identification** Specification of the first related place/location by code.	**C**		**an..25**
			2 character ISO country code			

		1131	**Code list identification code**	**C**		**an..3**
			Identification of a code list.			
			Supported values			
			162 Country Identification of a country.			
		3055	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list.			
			Supported values:			
			5 ISO (International Organization for Standardization)			
		3222	**Related place/location one**	**C**		**an..70**
			Specification of the first related place/location by name.			
X	**C553**		**RELATED LOCATION TWO IDENTIFICATION**	**C**	**1**	
			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 identification code**	**C**		**an..3**
			Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.			
X		3055	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list. Refer to D.99B 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**	**1**	**an..3**

Group: **RFF Segment Group 3: Reference**
Position: 0180
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99
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 code in segment BGM), booking reference, order number, insurance contract, etc.

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 indicate date and time relating to the reference.

Comments:
Notes: Example Syntax:

RFF+BN:L922H-97'

Data Element Summary

Attributes	Data Element	Component Element	Name		
M	**C506**		**REFERENCE**	**M**	**1**
			Identification of a reference.		
M		**1153**	**Reference function code qualifier**	**M**	**an..3**
			Code giving specific meaning to a reference segment or a reference number.		
			Supported values:		
			AFG Tariff number		
			AGB Contract party reference number		
			Reference number assigned to a party for a particular contract.		
			AGE Agent's reference		
			Reference number of the agent.		
			AKG Vehicle Identification Number (VIN)		
			The identification number which uniquely distinguishes one vehicle from another through the lifespan of the vehicle.		
			ANT Consignee's reference		
			Reference number of the consignee.		
			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.		
			CT Contract number		
			Reference number of a contract concluded between parties.		
			EX Export licence number		
			[1208] Reference number assigned by issuing authority to an Export Licence.		
			FF Freight forwarder's reference number		
			[1460] Reference number assigned to the consignment by the freight forwarder.		
			LI Line item reference number		
			(1156) Reference number identifying a particular line in a document.		
			ON Order number (purchase)		
			[1022] Reference number assigned by the buyer to an order.		

			SI	SID (Shipper's identifying number for shipment) Description to be provided.	
	1154	**Reference identifier** Identifies a reference. Only 16 characters!		**C**	**an..16**
X	**1156**	**Line number**		**C**	**an..6**
X	**4000**	**Reference version identifier**		**C**	**an..35**
X	**1060**	**Revision number**		**C**	**an..6**

Group: **TDT** **Segment Group 7: Details of Transport**
Position: 0370
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99
Purpose: A segment to indicate information related to a certain stage of the transport, such as mode, means and carrier.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0380	TDT	Details of Transport	M	1	
	0410		Segment Group 8: Place/Location Identification	C		99

Segment: **TDT** **Details of Transport**
Position: 0380 (Trigger Segment)
Group: Segment Group 7 (Details of Transport) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate departure/arrival date and time.
Comments:
Notes:

Example Syntax:

TDT+20+VOY00398+1+13:OCEAN+SCAC:172:182+++LLOYDS
CD::11:VESSEL
NAME'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**8051**		**TRANSPORT STAGE CODE QUALIFIER** Code qualifying a specific stage of transport.	**M**	**1**	**an..3**
			Supported values:			
			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.			
			30 On-carriage transport Transport by which the goods are moved after the main carriage transport.			
	8028		**CONVEYANCE REFERENCE NUMBER** Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term).	**C**	**1**	**an..17**
			Voyage number			
	C220		**MODE OF TRANSPORT** Method of transport code or name. Code preferred.	**C**	**1**	
		8067	**Transport mode name code** Code specifying the name of a mode of transport.	**C**		**an..3**
			Supported values: .			
			1 Maritime transport			
			2 Rail transport			
			3 Road transport			
			8 Inland water tansport			
			23 Rail / Road			
			28 Rail / Water			
			38 Road / Water			
X		**8066**	**Transport mode name**	**C**		**an..17**
	C228		**TRANSPORT MEANS** Code and/or name identifying the type of means of transport.	**C**	**1**	
		8179	**Transport means description code** Code specifying the means of transport.	**C**		**an..8**
			Supported values:			
			8 Container ship Vessel capable of carrying containers and other			

			cargo.			
			11 Ship A large vessel navigating deep water.			
			13 Ocean vessel An ocean-going vessel that is not a ship.			
			16 Barge A category of boat used to transport material over water.			
			25 Rail express Description to be provided.			
			31 Truck An automotive vehicle for hauling goods.			
		8178	**Transport means description** Free form description of the means of transport.	**C**		**an..17**
	C040		**CARRIER** Identification of a carrier by code and/or by name. Code preferred.	**C**	**1**	
		3127	**Carrier identification** Identification of party undertaking or arranging transport of goods between named points.	**C**		**an..17**
		1131	**Code list identification code** Identification of a code list. 172 Carriers Code list identifying carriers.	**C**		**an..3**
		3055	**Code list responsible agency code** Code specifying the agency responsible for a code list. 182 US, Standard Carrier Alpha Code (Motor) Organisation maintaining the SCAC lists and transportation operating in North America.	**C**		**an..3**
X		**3128**	**Carrier name**	**C**		**an..35**
X	**8101**		**TRANSIT DIRECTION INDICATOR CODE** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**	**1**	**an..3**
X	**C401**		**EXCESS TRANSPORTATION INFORMATION** To provide details of reason for, and responsibility for, use of transportation other than normally utilized.	**C**	**1**	
X		**8457**	**Excess transportation reason, coded** Indication of reason for excess transportation. Refer to D.99B Data Element Dictionary for acceptable code values.	**M**		**an..3**
X		**8459**	**Excess transportation responsibility, coded** Indication of responsibility for excess transportation. Refer to D.99B Data Element Dictionary for acceptable code values.	**M**		**an..3**
X		**7130**	**Customer authorization number** 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.	**C**		**an..17**
	C222		**TRANSPORT IDENTIFICATION** Code and/or name identifying the means of transport.	**C**	**1**	
		8213	**Transport means identification name identifier** Identifies the name of the transport means. Lloyd's Code .	**C**		**an..9**
X		**1131**	**Code list identification code** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
		3055	**Code list responsible agency code**	**C**		**an..3**

Code specifying the agency responsible for a code list.

11	Lloyd's register of shipping A register of ocean going vessels maintained by Lloyd's of London.

		8212	**Transport means identification name**	**C**		**an..35**
			Name identifying a means of transport.			
			Vessel name .			
		8453	**Nationality of means of transport, coded**	**C**		**an..3**
			Coded name of the country in which a means of transport is registered.			
			Country code of Ship's Registry. Must be 2 character ISO code			
X	**8281**		**TRANSPORT OWNERSHIP, CODED**	**C**	**1**	**an..3**
			Refer to D.99B Data Element Dictionary for acceptable code values.			

Group:	**LOC Segment Group 8: Place/Location Identification**
Position:	0410
Group:	Segment Group 7 (Details of Transport) Conditional (Optional)
Level:	2
Usage:	Conditional (Optional)
Max Use:	99
Purpose:	A segment to indicate a location such as origin, destination, stop off, etc. related to this leg of transport.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0420	LOC	Place/Location Identification	M	1	

Segment: **LOC** **Place/Location Identification**
Position: 0420 (Trigger Segment)
Group: Segment Group 8 (Place/Location Identification) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify a date/time related to the location, such as arrival date/time of a means of transport at a specific location.

Comments:
Notes: Example Syntax:

LOC+11+COBUN:181:6:BUENAVENTURA'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**3227**		**LOCATION FUNCTION CODE QUALIFIER**	**M**	**1**	**an..3**
			Code identifying the function of a location.			
			Supported values:			
			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. Start location for each leg			
			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. End location for each leg			
	C517		**LOCATION IDENTIFICATION**	**C**	**1**	
			Identification of a location by code or name.			
		3225	**Location name code**	**C**		**an..25**
			Code specifying the name of the location.			
			UNLOCODE			
		1131	**Code list identification code**	**C**		**an..3**
			Identification of a code list.			
			Supported values:			
			139 Port A location having facilities for means of transport to load or discharge cargo.			
		3055	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list.			
			Supported values:			
			6 UN/ECE (United Nations - Economic Commission for Europe) 86 Assigned by party originating the message Codes assigned by the party originating the message.			
		3224	**Location name**	**C**		**an..256**
			Name of the location.			
			Port name			
	C519		**RELATED LOCATION ONE IDENTIFICATION**	**C**	**1**	

			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.			
			2 character ISO country code			
		1131	**Code list identification code**	**C**		**an..3**
			Identification of a code list.			
			Supported values:			
			162 Country Identification of a country.			
		3055	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list.			
			5 ISO (International Organization for Standardization)			
		3222	**Related place/location one**	**C**		**an..70**
			Specification of the first related place/location by name.			
			Country name			
X	**C553**		**RELATED LOCATION TWO IDENTIFICATION**	**C**	**1**	
			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 identification code**	**C**		**an..3**
			Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list. Refer to D.99B 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**	**1**	**an..3**

Group: NAD **Segment Group 10: Name and Address**
Position: 0470
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99
Purpose: A segment to identify the party's name, address, and function.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0480	NAD	Name and Address	M	1	
	0500		Segment Group 11: Contact Information	C		9
	0590		Segment Group 14: Charge Payment Instructions	C		9

Segment: **NAD** **Name and Address**
Position: 0480 (Trigger Segment)
Group: Segment Group 10 (Name and Address) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate location where a specific function will be performed.

Comments:
Notes: Example Syntax:

NAD+CA+SUDU:160:86'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**3035**		**PARTY FUNCTION CODE QUALIFIER** Code giving specific meaning to a party. Supported values: CA Carrier (3126) Party undertaking or arranging transport of goods between named points. 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.	**M**	**1**	**an..3**
	C082		**PARTY IDENTIFICATION DETAILS** Identification of a transaction party by code.	**C**	**1**	
M		**3039**	**Party identifier** Code specifying the identity of a party. Supported values: ANRM Aliana SUDU Hamburg Süd	**M**		**an..35**
		1131	**Code list identification code** Identification of a code list. Supported values: 160 Party identification Identification of parties, corporates, etc.	**C**		**an..3**
		3055	**Code list responsible agency code** Code specifying the agency responsible for a code list. Supported values: 16 US, D&B (Dun & Bradstreet Corporation) Identifies the Dun & Bradstreet Corporation, United States. 86 Assigned by party originating the message Codes assigned by the party originating the message. 192 Shipper's association Code assigned by a shipper's association. ZZZ Mutually defined	**C**		**an..3**
	C058		**NAME AND ADDRESS** Unstructured name and address: one to five lines.	**C**	**1**	
M		**3124**	**Name and address line** Free form name and address description.	**M**		**an..35**

		3124	**Name and address line**	**C**		**an..35**
			Free form name and address description.			
		3124	**Name and address line**	**C**		**an..35**
			Free form name and address description.			
		3124	**Name and address line**	**C**		**an..35**
			Free form name and address description.			
X		3124	**Name and address line**	**C**		**an..35**
X	**C080**		**PARTY NAME**	**C**	**1**	
			Identification of a transaction party by name, one to five lines. Party name may be formatted.			
X		3036	**Party name**	**M**		**an..35**
			Name of a party involved in a transaction.			
X		3036	**Party name**	**C**		**an..35**
			Name of a party involved in a transaction.			
X		3036	**Party name**	**C**		**an..35**
			Name of a party involved in a transaction.			
X		3036	**Party name**	**C**		**an..35**
			Name of a party involved in a transaction.			
X		3036	**Party name**	**C**		**an..35**
			Name of a party involved in a transaction.			
X		3045	**Party name format code**	**C**		**an..3**
			Code specifying the representation of a party name.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
	C059		**STREET**	**C**	**1**	
			Street address and/or PO Box number in a structured address: one to four lines.			
M		3042	**Street and number/p.o. box**	**M**		**an..35**
			Street and number in plain language, or Post Office Box No.			
		3042	**Street and number/p.o. box**	**C**		**an..35**
			Street and number in plain language, or Post Office Box No.			
X		3042	**Street and number/p.o. box**	**C**		**an..35**
X		3042	**Street and number/p.o. box**	**C**		**an..35**
X	**3164**		**CITY NAME**	**C**	**1**	**an..35**
X	**C819**		**COUNTRY SUB-ENTITY DETAILS**	**C**	**1**	
			To specify a part of a country (eg county or part of a city).			
X		3229	**Country sub-entity name code**	**C**		**an..9**
			Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.			
X		1131	**Code list identification code**	**C**		**an..3**
			Identification of a code list.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		3055	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		3228	**Country sub-entity name**	**C**		**an..35**
			Name of sub-entities (state, province) defined by appropriate governmental agencies.			
	3251		**POSTAL IDENTIFICATION CODE**	**C**	**1**	**an..17**
			Code specifying the postal zone or address.			
	3207		**COUNTRY NAME CODE**	**C**	**1**	**an..3**
			Identification of the name of the country or other geographical entity as specified in ISO 3166.			
			2 character ISO country code			

Group: **CTA** **Segment Group 11: Contact Information**
Position: 0500
Group: Segment Group 10 (Name and Address) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to identify a person or department within a party.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0510	CTA	Contact Information	M	1	
	0520	COM	Communication Contact	C	9	

Segment: **CTA** **Contact Information**
Position: 0510 (Trigger Segment)
Group: Segment Group 11 (Contact Information) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a communication number of a person or department to whom communication should be directed.

Comments:
Notes: Example Syntax:

CTA+IC+:Jennifer Rodriguez'

Data Element Summary

Attributes	Data Element	Component Element	Name			
	3139		**CONTACT FUNCTION CODE**	**C**	**1**	**an..3**
			Code specifying the function of a contact (e.g. department or person).			
			Supported values:			
			IC Information contact			
			Department/person to contact for questions regarding transactions.			
			NT Notification contact			
	C056		**DEPARTMENT OR EMPLOYEE DETAILS**	**C**	**1**	
			Code and/or name of a department or employee. Code preferred.			
X		**3413**	**Department or employee identification**	**C**		**an..17**
		3412	**Department or employee**	**C**		**an..35**
			The department or person within an organizational entity.			

Segment: **COM** **Communication Contact**
Position: 0520
Group: Segment Group 11 (Contact Information) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments to identify required documents.
Comments:
Notes: Example Syntax:

COM+115713136700:TE'

Data Element Summary

Attributes	Data Element	Component Element	Name		
M	**C076**		**COMMUNICATION CONTACT**	**M**	**3**
			Communication number of a department or employee in a specified channel.		
M		**3148**	**Communication number**	**M**	**an..512**
			The communication number.		
M		**3155**	**Communication number code qualifier**	**M**	**an..3**
			Code qualifying the communication number.		
			Supported values:		
			EM Electronic mail Exchange of mail by electronic means.		
			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: **CPI** **Segment Group 14: Charge Payment Instructions**
Position: 0590
Group: Segment Group 10 (Name and Address) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to identify default charge methodology.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0600	CPI	Charge Payment Instructions	M	1	
	0630	LOC	Place/Location Identification	C	9	

Segment: **CPI** **Charge Payment Instructions**
Position: 0600 (Trigger Segment)
Group: Segment Group 14 (Charge Payment Instructions) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate a reference relating to the CPI segment, such as charge reference number.
Comments:
Notes: Example Syntax:

CPI+10++C'

Data Element Summary

Attributes	Data Element	Component Element	Name			
	C229		**CHARGE CATEGORY**	**C**	**1**	
			Identification of a category or a zone of charges.			
M		**5237**	**Charge category code**	**M**		**an..3**
			Code specifying the category of charges.			
			Supported values:			
			2 Additional charges Charges calculated by the carrier for specific events like re-weighting, re-loading, unexpected operations, services required during the voyage, etc.			
			4 Basic freight The basic freight payable on the cargo as per tariff.			
			5 Destination haulage charges Haulage charges for transporting goods to the destination.			
			7 Destination port charges Charges payable at the port of destination.			
			10 Origin port charges Charges payable at the port of origin.			
			11 Origin haulage charges Haulage charges for the pickup of goods at origin.			
X		**1131**	**Code list identification code**	**C**		**an..3**
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X	**C231**		**METHOD OF PAYMENT**	**C**	**1**	
			Code identifying the method of payment.			
X		**4215**	**Transport charges payment method code**	**M**		**an..3**
			Identification of method of payment for transport charges.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**1131**	**Code list identification code**	**C**		**an..3**
			Identification of a code list.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
	4237		**PREPAID/COLLECT INDICATOR, CODED**	**C**	**1**	**an..3**
			Code indicating whether freight item amount is prepaid or to be collected.			

Supported values:	
A	Payable elsewhere Responsibility for payment of transport charges unknown at time of departure.
C	Collect Charges are (to be) collected from the consignee at the destination.
P	Prepaid Charges are (to be) prepaid before the transport actually leaves.

Segment: **LOC** **Place/Location Identification**
Position: 0630
Group: Segment Group 14 (Charge Payment Instructions) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to identify the monetary amount associated with the charges.

Comments:
Notes: Example Syntax:

LOC+57+COBUN:181:6:BUENAVENTURA'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**3227**		**LOCATION FUNCTION CODE QUALIFIER**	**M**	**1**	**an..3**
			Code identifying the function of a location.			
			Supported values:			
			57 Place of payment Name of the location at which freight and charges for main transport are payable.			
	C517		**LOCATION IDENTIFICATION**	**C**	**1**	
			Identification of a location by code or name.			
		3225	**Location name code**	**C**		**an..25**
			Code specifying the name of the location.			
			UNLOCODE			
		1131	**Code list identification code**	**C**		**an..3**
			Identification of a code list.			
			Supported values:			
			181 Activity Code identifying activities.			
		3055	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list.			
			Supported values:			
			6 UN/ECE (United Nations - Economic Commission for Europe) 86 Assigned by party originating the message Codes assigned by the party originating the message.			
		3224	**Location name**	**C**		**an..256**
			Name of the location.			
	C519		**RELATED LOCATION ONE IDENTIFICATION**	**C**	**1**	
			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.			
			2 character ISO country code			
		1131	**Code list identification code**	**C**		**an..3**
			Identification of a code list.			
			Supported values:			
			162 Country Identification of a country.			
		3055	**Code list responsible agency code**	**C**		**an..3**

			Code specifying the agency responsible for a code list.			
			Supported values:			
			5 ISO (International Organization for Standardization)			
		3222	**Related place/location one**	**C**		**an..70**
			Specification of the first related place/location by name.			
X	**C553**		**RELATED LOCATION TWO IDENTIFICATION**	**C**	**1**	
			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 identification code**	**C**		**an..3**
			Identification of a code list.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list.			
			Refer to D.99B 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**	**1**	**an..3**

Group: **GID** **Segment Group 16: Goods Item Details**
Position: 0710
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 999
Purpose: A segment to identify a goods item for which transport is undertaken.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0720	GID	Goods Item Details	M	1	
	0790	PIA	Additional Product Id	C	9	
	0800	FTX	Free Text	C	9	
	0860		Segment Group 18: Measurements	C		99
	0890		Segment Group 19: Dimensions	C		99
	0920		Segment Group 20: Reference	C		9
	1080		Segment Group 25: Split Goods Placement	C		999
	1130		Segment Group 27: Dangerous Goods	C		99

Segment: **GID** **Goods Item Details**
Position: 0720 (Trigger Segment)
Group: Segment Group 16 (Goods Item Details) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify handling instructions relating to the goods item.
Comments:
Notes: Inner-inner pack information will be ignored.

Example Syntax:

GID+1+1100:BG:67:6:CARTON'

Data Element Summary

Attributes	Data Element	Component Element	Name			
	1496		**GOODS ITEM NUMBER** Serial number differentiating each separate goods item entry of a consignment as contained in one document/declaration.	**C**	**1**	**n..5**
	C213		**NUMBER AND TYPE OF PACKAGES** Number and type of individual parts of a shipment. Important note! Used to indicate the Outer package type and quantity	**C**	**1**	
		7224	**Number of packages** Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	**C**		**n..8**
		7065	**Package type description code** Code specifying the type of package.	**C**		**an..17**
		1131	**Code list identification code** Identification of a code list. Supported values: 67 Type of package Indication of the type of package codes.	**C**		**an..3**
		3055	**Code list responsible agency code** Code specifying the agency responsible for a code list. Supported values: 6 UN/ECE (United Nations - Economic Commission for Europe)	**C**		**an..3**
		7064	**Type of packages** Description of the form in which goods are presented.	**C**		**an..35**
X		**7233**	**Packaging related description code** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
	C213		**NUMBER AND TYPE OF PACKAGES** Number and type of individual parts of a shipment. Important note! Used to indicate the Inner package type and quantity	**C**	**1**	
		7224	**Number of packages** Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	**C**		**n..8**
		7065	**Package type description code** Code specifying the type of package.	**C**		**an..17**
		1131	**Code list identification code** Identification of a code list.	**C**		**an..3**

			Supported values:			
			67	Type of package Indication of the type of package codes.		
		3055	**Code list responsible agency code** Code specifying the agency responsible for a code list.	**C**		**an..3**
			Supported values:			
			6	UN/ECE (United Nations - Economic Commission for Europe)		
		7064	**Type of packages** Description of the form in which goods are presented.	**C**		**an..35**
X		7233	**Packaging related description code** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
	C213		**NUMBER AND TYPE OF PACKAGES** Number and type of individual parts of a shipment.	**C**	**1**	
			Important note! Used to indicate the Inner-inner package type and quantity			
		7224	**Number of packages** Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	**C**		**n..8**
		7065	**Package type description code** Code specifying the type of package.	**C**		**an..17**
		1131	**Code list identification code** Identification of a code list.	**C**		**an..3**
			Supported values:			
			67	Type of package Indication of the type of package codes.		
		3055	**Code list responsible agency code** Code specifying the agency responsible for a code list.	**C**		**an..3**
			Supported values:			
			6	UN/ECE (United Nations - Economic Commission for Europe)		
		7064	**Type of packages** Description of the form in which goods are presented.	**C**		**an..35**
X		7233	**Packaging related description code** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X	**C213**		**NUMBER AND TYPE OF PACKAGES** Number and type of individual parts of a shipment.	**C**	**1**	
X		7224	**Number of packages** Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	**C**		**n..8**
X		7065	**Package type description code** Code specifying the type of package.	**C**		**an..17**
X		1131	**Code list identification code** Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		3055	**Code list responsible agency code** Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		7064	**Type of packages** Description of the form in which goods are presented.	**C**		**an..35**
X		7233	**Packaging related description code** Code specifying information related to packaging.	**C**		**an..3**

			Refer to D.99B Data Element Dictionary for acceptable code values.			
X	**C213**		**NUMBER AND TYPE OF PACKAGES**	**C**	**1**	
			Number and type of individual parts of a shipment.			
X		**7224**	**Number of packages**	**C**		**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**	**Package type description code**	**C**		**an..17**
			Code specifying the type of package.			
X		**1131**	**Code list identification code**	**C**		**an..3**
			Identification of a code list.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**7064**	**Type of packages**	**C**		**an..35**
			Description of the form in which goods are presented.			
X		**7233**	**Packaging related description code**	**C**		**an..3**
			Code specifying information related to packaging.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			

Segment: **PIA** **Additional Product Id**
Position: 0790
Group: Segment Group 16 (Goods Item Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify processable supplementary information relating to the goods item.
Comments:
Notes: Example Syntax

PIA+5+CODE VALUE:HS'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**4347**		**PRODUCT ID. FUNCTION QUALIFIER** Indication of the function of the product code. Supported values: 5 Product identification	**M**	**1**	**an..3**
M	**C212**		**ITEM NUMBER IDENTIFICATION** Goods identification for a specified source.	**M**	**1**	
		7140	**Item number** A number allocated to a group or item.	**C**		**an..35**
		7143	**Item type identification code** Code specifying an item code. Supported values: CG Commodity grouping Code for a group of articles with common characteristics (e.g. used for statistical purposes). HS Harmonised system recommended by Hamburg Sud to use 6 character classification codes from the WCO	**C**		**an..3**
X		**1131**	**Code list identification code** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		**3055**	**Code list responsible agency code** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X	**C212**		**ITEM NUMBER IDENTIFICATION** Goods identification for a specified source.	**C**	**1**	
X		**7140**	**Item number** A number allocated to a group or item.	**C**		**an..35**
X		**7143**	**Item type identification code** Code specifying an item code. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		**1131**	**Code list identification code** Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		**3055**	**Code list responsible agency code** Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X	**C212**		**ITEM NUMBER IDENTIFICATION** Goods identification for a specified source.	**C**	**1**	
X		**7140**	**Item number**	**C**		**an..35**

			A number allocated to a group or item.			
X		**7143**	**Item type identification code**	**C**		**an..3**
			Code specifying an item code.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**1131**	**Code list identification code**	**C**		**an..3**
			Identification of a code list.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X	**C212**		**ITEM NUMBER IDENTIFICATION**	**C**	**1**	
			Goods identification for a specified source.			
X		**7140**	**Item number**	**C**		**an..35**
			A number allocated to a group or item.			
X		**7143**	**Item type identification code**	**C**		**an..3**
			Code specifying an item code.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**1131**	**Code list identification code**	**C**		**an..3**
			Identification of a code list.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X	**C212**		**ITEM NUMBER IDENTIFICATION**	**C**	**1**	
			Goods identification for a specified source.			
X		**7140**	**Item number**	**C**		**an..35**
			A number allocated to a group or item.			
X		**7143**	**Item type identification code**	**C**		**an..3**
			Code specifying an item code.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**1131**	**Code list identification code**	**C**		**an..3**
			Identification of a code list.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			

Segment: **FTX** **Free Text**
Position: 0800
Group: Segment Group 16 (Goods Item Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify percentages related to cargo shipped in controlled atmosphere equipment such as percentage humidity.

Comments:
Notes: Example Syntax:

FTX+AAA+++GOODS DESCRIPTION'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**4451**		**TEXT SUBJECT CODE QUALIFIER** Code specifying the subject of the text. Supported values: 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). AAE Acknowledgement description The content of an acknowledgement.	**M**	**1**	**an..3**
X	**4453**		**TEXT FUNCTION, CODED** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**	**1**	**an..3**
X	**C107**		**TEXT REFERENCE** Coded reference to a standard text and its source.	**C**	**1**	
X		**4441**	**Free text value code** Code specifying free form text.	**M**		**an..17**
X		**1131**	**Code list identification code** Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		**3055**	**Code list responsible agency code** Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
	C108		**TEXT LITERAL** Free text; one to five lines.	**C**	**1**	
M		**4440**	**Free text value** Free form text.	**M**		**an..512**
X		**4440**	**Free text value**	**C**		**an..512**
X		**4440**	**Free text value**	**C**		**an..512**
X		**4440**	**Free text value**	**C**		**an..512**
X		**4440**	**Free text value**	**C**		**an..512**
X	**3453**		**LANGUAGE NAME CODE**	**C**	**1**	**an..3**
X	**4447**		**TEXT FORMATTING, CODED** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**	**1**	**an..3**

Group:	**MEA Segment Group 18: Measurements**
Position:	0860
Group:	Segment Group 16 (Goods Item Details) Conditional (Optional)
Level:	2
Usage:	Conditional (Optional)
Max Use:	99
Purpose:	A segment to specify measurements, other than dimensions, applicable to a goods item.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0870	MEA	Measurements	M	1	

Segment: **MEA** **Measurements**
Position: 0870 (Trigger Segment)
Group: Segment Group 18 (Measurements) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify the number of equipment units to each of which the given measurement applies.

Comments:
Notes: Example Syntax:

MEA+AAE+G+KGM:77000.00'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**6311**		**MEASUREMENT ATTRIBUTE CODE** Code specifying the measurement attribute. Supported values: AAE Measurement [6314] Value of the measured unit.	**M**	**1**	**an..3**
	C502		**MEASUREMENT DETAILS** Identification of measurement type.	**C**	**1**	
		6313	**Measured attribute code** Code specifying the attribute measured. Supported values: AAW Gross volume The observed volume unadjusted for factors such as temperature or gravity. G Gross weight [6292] Weight (mass) of goods including packing but excluding the carrier's equipment. WT Weight [6150] Numeric value of weight.	**C**		**an..3**
X		**6321**	**Measurement significance, coded** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		**6155**	**Non-discrete measurement name code** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..17**
X		**6154**	**Non-discrete measurement name**	**C**		**an..70**
	C174		**VALUE/RANGE** Measurement value and relevant minimum and maximum values of the measurement range.	**C**	**1**	
M		**6411**	**Measurement unit code** Code specifying the unit of measurement. Supported values: FTQ Cubic feet KGM Kilograms LBR Pounds MTQ Cubic meters	**M**		**an..3**
		6314	**Measurement value** Value of the measured unit.	**C**		**an..18**
X		**6162**	**Range minimum**	**C**		**n..18**

X		**6152**	**Range maximum**	**C**		**n..18**
X		**6432**	**Significant digits**	**C**		**n..2**
X	**7383**		**SURFACE/LAYER CODE**	**C**	**1**	**an..3**
			Refer to D.99B Data Element Dictionary for acceptable code values.			

Group:	**DIM Segment Group 19: Dimensions**
Position:	0890
Group:	Segment Group 16 (Goods Item Details) Conditional (Optional)
Level:	2
Usage:	Conditional (Optional)
Max Use:	99
Purpose:	To specify dimensions applicable to a goods item.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0900	DIM	Dimensions	M	1	

Segment: **DIM** **Dimensions**
Position: 0900 (Trigger Segment)
Group: Segment Group 19 (Dimensions) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify the number of equipment units to each of which the given dimension applies.

Comments:
Notes: Example Syntax:

DIM+2+MTR:16.764:12.192:6.096'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**6145**		**DIMENSION QUALIFIER**	**M**	**1**	**an..3**
			To specify the dimensions applicable to each of the transportable units.			
			Supported values:			
			2 Package dimensions (including goods)			
			The dimension of the goods including the packaging.			
M	**C211**		**DIMENSIONS**	**M**	**1**	
			Specification of the dimensions of a transportable unit.			
M		**6411**	**Measurement unit code**	**M**		**an..3**
			Code specifying the unit of measurement.			
			Supported values:			
			FET Feet			
			MTR Meter			
		6168	**Length dimension**	**C**		**n..15**
			Length of pieces or packages stated for transport purposes.			
		6140	**Width dimension**	**C**		**n..15**
			Width of pieces or packages stated for transport purposes.			
		6008	**Height dimension**	**C**		**n..15**
			Height of pieces or packages stated for transport purposes.			

Group: **RFF Segment Group 20: Reference**
Position: 0920
Group: Segment Group 16 (Goods Item Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to identify a reference to a goods item.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0930	RFF	Reference	M	1	

Segment: **RFF** **Reference**
Position: 0930 (Trigger Segment)
Group: Segment Group 20 (Reference) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate date and time relating to the reference.

Comments:
Notes: Example Syntax:

RFF+EX:EXPORT REF NO'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**C506**		**REFERENCE**		**M**	**1**
			Identification of a reference.			
M		**1153**	**Reference function code qualifier**		**M**	**an..3**
			Code giving specific meaning to a reference segment or a reference number.			
			Supported values:			
			AFG	Tariff number		
			AGB	Contract party reference number		
				Reference number assigned to a party for a particular contract.		
			AGE	Agent's reference		
				Reference number of the agent.		
			AKG	Vehicle Identification Number (VIN)		
				The identification number which uniquely distinguishes one vehicle from another through the lifespan of the vehicle.		
			ANT	Consignee's reference		
				Reference number of the consignee.		
			BN	Booking reference number		
				[1016] Reference number assigned by the carrier or his agent when cargo space is reserved prior to loading.		
			CT	Contract number		
				Reference number of a contract concluded between parties.		
			EX	Export licence number		
				[1208] Reference number assigned by issuing authority to an Export Licence.		
			FF	Freight forwarder's reference number		
				[1460] Reference number assigned to the consignment by the freight forwarder.		
			LI	Line item reference number		
				(1156) Reference number identifying a particular line in a document.		
			ON	Order number (purchase)		
				[1022] Reference number assigned by the buyer to an order.		
			SI	SID (Shipper's identifying number for shipment)		
				Description to be provided.		
		1154	**Reference identifier**		**C**	**an..35**

			Identifies a reference.		
X		**1156**	**Line number**	**C**	**an..6**
X		**4000**	**Reference version identifier**	**C**	**an..35**
X		**1060**	**Revision number**	**C**	**an..6**

Group: **SGP** **Segment Group 25: Split Goods Placement**
Position: 1080
Group: Segment Group 16 (Goods Item Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 999
Purpose: A segment to identify the equipment in which goods are transported.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1090	SGP	Split Goods Placement	M	1	
	1100		Segment Group 26: Measurements	C		9

Segment: **SGP** **Split Goods Placement**
Position: 1090 (Trigger Segment)
Group: Segment Group 25 (Split Goods Placement) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A group of segments to identify measurements.
Comments:
Notes: Example Syntax:

SGP+01+24

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**C237**		**EQUIPMENT IDENTIFICATION**	**M**	**1**	
			Marks (letters/numbers) identifying equipment.			
		8260	**Equipment identification number**	**C**		**an..17**
			Marks (letters and/or numbers) which identify equipment e.g. unit load device.			
			Container number			
X		**1131**	**Code list identification code**	**C**		**an..3**
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**3207**	**Country name code**	**C**		**an..3**
	7224		**NUMBER OF PACKAGES**	**C**	**1**	**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.			
			Number of outer packages in the container (must be a valid whole number with no decimal or commas)			

Group: **MEA** **Segment Group 26: Measurements**
Position: 1100
Group: Segment Group 25 (Split Goods Placement) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify measurements of that portion of the goods item in the equipment.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1110	MEA	Measurements	M	1	

Segment: **MEA** **Measurements**
Position: 1110 (Trigger Segment)
Group: Segment Group 26 (Measurements) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify the number of equipment units to each of which the given measurement applies.

Comments:
Notes: Example Syntax:

MEA+AAE+G+KGM:77000.00'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**6311**		**MEASUREMENT ATTRIBUTE CODE** Code specifying the measurement attribute. Supported values: AAE Measurement [6314] Value of the measured unit.	**M**	**1**	**an..3**
	C502		**MEASUREMENT DETAILS** Identification of measurement type.	**C**	**1**	
		6313	**Measured attribute code** Code specifying the attribute measured. Supported values: G Gross weight [6292] Weight (mass) of goods including packing but excluding the carrier's equipment. WT Weight [6150] Numeric value of weight.	**C**		**an..3**
X		**6321**	**Measurement significance, coded** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		**6155**	**Non-discrete measurement name code** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..17**
X		**6154**	**Non-discrete measurement name**	**C**		**an..70**
	C174		**VALUE/RANGE** Measurement value and relevant minimum and maximum values of the measurement range.	**C**	**1**	
M		**6411**	**Measurement unit code** Code specifying the unit of measurement. Supported values: KGM Kilograms LBR Pounds	**M**		**an..3**
		6314	**Measurement value** Value of the measured unit.	**C**		**an..18**
X		**6162**	**Range minimum**	**C**		**n..18**
X		**6152**	**Range maximum**	**C**		**n..18**
X		**6432**	**Significant digits**	**C**		**n..2**
X	**7383**		**SURFACE/LAYER CODE** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**	**1**	**an..3**

Group: **DGS** **Segment Group 27: Dangerous Goods**
Position: 1130
Group: Segment Group 16 (Goods Item Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 99
Purpose: A segment to indicate the class of dangerous goods, packing group, etc.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1140	DGS	Dangerous Goods	M	1	
	1150	FTX	Free Text	C	99	
	1160		Segment Group 28: Contact Information	C		9
	1190		Segment Group 29: Measurements	C		9

Segment: **DGS** **Dangerous Goods**
Position: 1140 (Trigger Segment)
Group: Segment Group 27 (Dangerous Goods) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify the dangerous goods technical name and to specify any additional dangerous goods information.

Comments:
Notes: Example Syntax:

DGS+IMD+3.2:23-2:003+4056+43.3:CEL+2+EMSNBR++345++1.2:3.1'

Data Element Summary

Attributes	Data Element	Component Element	Name			
	8273		**DANGEROUS GOODS REGULATIONS CODE** Code specifying a dangerous goods regulation. Supported values: IMD — IMO IMDG code Regulations regarding the transportation of dangerous goods on ocean-going vessels issued by the International Maritime Organization.	**C**	**1**	**an..3**
	C205		**HAZARD CODE** The identification of the dangerous goods in code.	**C**	**1**	
M		**8351**	**Hazard code identification** Dangerous goods code.	**M**		**an..7**
		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**
		8092	**Hazard code version number** The version/revision number of date of issuance of the code used.	**C**		**an..10**
M	**C234**		**UNDG INFORMATION** Information on dangerous goods, taken from the United Nations Dangerous Goods classification.	**M**	**1**	
M		**7124**	**UNDG number** Unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried. This element is mandatory	**M**		**n4**
X		**7088**	**Dangerous goods flashpoint**	**C**		**an..8**
	C223		**DANGEROUS GOODS SHIPMENT FLASHPOINT** Temperature at which a vapor can be ignited as per ISO 1523/73.	**C**	**1**	
		7106	**Shipment flashpoint** Temperature in centigrade determined by the closed cup test as per ISO 1523/73 where a vapour is given off that can be ignited.	**C**		**n3**
		6411	**Measurement unit code** Code specifying the unit of measurement. Supported values: CEL — Celsius FAH — Fahrenheit	**C**		**an..3**
	8339		**PACKING GROUP, CODED** Identification of a packing group by code. Accepted values	**C**	**1**	**an..3**

			1	Great danger Packaging meeting criteria to pack hazardous materials with great danger. Group I according to IATA/IMDG/ADR/RID regulations.			
			2	Medium danger Packaging meeting criteria to pack hazardous materials with medium danger. Group II according to IATA/IDMG/ADR/RID regulations.			
			3	Minor danger Packaging meeting criteria to pack hazardous materials with minor danger. Group III according to IATA/IDMG/ADR/RID regulations.			
	8364		**EMS NUMBER** Emergency procedures for ships carrying dangerous goods.	**C**	**1**	**an..6**
X	**8410**		**MFAG**	**C**	**1**	**an..4**
	8126		**TREM CARD NUMBER** The identification of a transport emergency card giving advice for emergency actions.	**C**	**1**	**an..10**
X	**C235**		**HAZARD IDENTIFICATION PLACARD DETAILS** These numbers appear on the hazard identification placard required on the means of transport.	**C**	**1**	
X		**8158**	**Hazard identification number, upper part** The id. number for the Orange Placard (upper part) required on the means of transport.	**C**		**an..4**
X		**8186**	**Substance identification number, lower part** The number for the Orange Placard (lower part) required on the means of transport.	**C**		**an4**
	C236		**DANGEROUS GOODS LABEL** Markings identifying the type of hazardous goods and similar information.	**C**	**1**	
		8246	**Dangerous goods label marking** Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency. 2nd IMO code Used if more than one IMO class applies to the dangerous commodity	**C**		**an..4**
		8246	**Dangerous goods label marking** Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency. 3rd IMO code Used if more than two IMO classes apply to the dangerous commodity	**C**		**an..4**
X		**8246**	**Dangerous goods label marking**	**C**		**an..4**
X	**8255**		**PACKING INSTRUCTION, CODED**	**C**	**1**	**an..3**
X	**8325**		**CATEGORY OF MEANS OF TRANSPORT, CODED** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**	**1**	**an..3**
X	**8211**		**PERMISSION FOR TRANSPORT, CODED**	**C**	**1**	**an..3**

Segment: **FTX** **Free Text**
Position: 1150
Group: Segment Group 27 (Dangerous Goods) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 99
Purpose: A group of segments to identify a contact to whom communication regarding the dangerous goods can be directed.
Comments:
Notes: Example Syntax:

FTX+AAD++PSN+PROPER DANGEROUS SHIPPING NAME'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**4451**		**TEXT SUBJECT CODE QUALIFIER**	**M**	**1**	**an..3**
			Code specifying the subject of the text.			
			Supported values:			
			AAC Dangerous goods additional information Additional information concerning dangerous goods.			
			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.			
			AEP Radioactive goods, additional information Additional information related to radioactive goods.			
			HAN Handling instructions [4078] Instructions on how specified goods, packages or containers should be handled.			
			HAZ Hazard information Information pertaining to a hazard.			
X	**4453**		**TEXT FUNCTION, CODED**	**C**	**1**	**an..3**
			Refer to D.99B Data Element Dictionary for acceptable code values.			
	C107		**TEXT REFERENCE**	**C**	**1**	
			Coded reference to a standard text and its source.			
M		**4441**	**Free text value code**	**M**		**an..17**
			Code specifying free form text.			
			Supported values:			
			4 Empty Use only when qualifier 4451 = HAN			
			GAS Gas Use only when qualifier 4451 = AAC			
			IHL Inhalant hazard Use only when qualifier 4451 = AAC			
			LQD Liquid Use only when qualifier 4451 = AAC			
			NP Non-marine pollutant Use only when qualifier 4451 = AAC			
			P Marine pollutant			

				Use only when qualifier 4451 = AAC		
			PP	Severe marine pollutant		
				Use only when qualifier 4451 = AAC		
			SLD	Solid		
				Use only when qualifier 4451 = AAC		
			TLQ	Limited transport of DG		
				Use only when qualifier 4451 = AAD		
			TN	DG technical name		
				Use only when qualifier 4451 = AAD		
X		**1131**	**Code list identification code**		**C**	**an..3**
			122	Commodity		
				(7357) Code identifying types of goods for Customs, transport or statistical purposes (generic term).		
			183	Dangerous goods packing type		
				Identification of package types for the description related to dangerous goods.		
X		**3055**	**Code list responsible agency code**		**C**	**an..3**
			Refer to D.99B Data Element Dictionary for acceptable code values.			
	C108		**TEXT LITERAL**		**C**	**1**
			Free text; one to five lines.			
M		**4440**	**Free text value**		**M**	**an..512**
			Free form text.			
			This element must be populated when --- A) Text Subject Code Qualifier (4451) = AEP, HAZ, or REG. B) Text Subject Code Qualifier (4451) = AAC and Free Text Value Code (C107, 4441) is not populated. C) Text Subject Code Qualifier (4451) = AAD and Free Text Value Code (C107, 4441) = PSN or TN. This element must NOT be populated when --- A) Text Subject Code Qualifier(4451) = HAN or PKG. B) Text Subject Code Qualifier(4451) = AAC and Free Text Value Code (C107, 4441) is populated. C) Text Subject Code Qualifier(4451) I AAD and Free Text Value Code (C107, 4441) = TLQ.			
		4440	**Free text value**		**C**	**an..512**
			Free form text.			
			This element may be populated when --- A) Text Subject Code Qualifier (4451) = AEP, HAZ, or REG. B) Text Subject Code Qualifier (4451) = AAC and Free Text Value Code (C107, 4441) is not populated. This element must NOT be populated when --- A) Text Subject Code Qualifier (4451) = AAC, HAN or PKG and Text Value Code (C107, 4441) is populated. B) Text Subject Code Qualifier(4451) I AAD and Text Value Code (C107, 4441) = TLQ.			
		4440	**Free text value**		**C**	**an..512**
			Free form text.			
			This element may be populated when --- A) Text Subject Code Qualifier (4451) = AEP, HAZ, or REG.			

			B) Text Subject Code Qualifier (4451) = AAC and Free Text Value Code (C107, 4441) is not populated. This element must NOT be populated when ---------- A) Text Subject Code Qualifier (4451) = AAC, HAN or PKG and Text Value Code (C107, 4441) is populated. B) Text Subject Code Qualifier(4451) I AAD and Text Value Code (C107, 4441) = TLQ.			
X		**4440**	**Free text value**	**C**		**an..512**
X		**4440**	**Free text value**	**C**		**an..512**
X	**3453**		**LANGUAGE NAME CODE**	**C**	**1**	**an..3**
X	**4447**		**TEXT FORMATTING, CODED**	**C**	**1**	**an..3**
			Refer to D.99B Data Element Dictionary for acceptable code values.			

Group:	**CTA Segment Group 28: Contact Information**
Position:	1160
Group:	Segment Group 27 (Dangerous Goods) Conditional (Optional)
Level:	3
Usage:	Conditional (Optional)
Max Use:	9
Purpose:	A segment to identify a person or department.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1170	CTA	Contact Information	M	1	
M	1180	COM	Communication Contact	M	9	

Segment: **CTA** **Contact Information**
Position: 1170 (Trigger Segment)
Group: Segment Group 28 (Contact Information) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a communication number of a person or department.

Comments:
Notes: Example Syntax:

CTA+HE+:Jennifer Rodriguez'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**3139**		**CONTACT FUNCTION CODE**	**M**	**1**	**an..3**
			Code specifying the function of a contact (e.g. department or person).			
			Supported values:			
			HE Emergency dangerous goods contact Party who is to be contacted to intervene in case of emergency.			
M	**C056**		**DEPARTMENT OR EMPLOYEE DETAILS**	**M**	**1**	
			Code and/or name of a department or employee. Code preferred.			
X		**3413**	**Department or employee identification**	**C**		**an..17**
M		**3412**	**Department or employee**	**M**		**an..35**
			The department or person within an organizational entity.			
			Emergency contact name			

Segment: **COM** **Communication Contact**
Position: 1180
Group: Segment Group 28 (Contact Information) Conditional (Optional)
Level: 4
Usage: Mandatory
Max Use: 9
Purpose: A group of segments to identify dangerous goods measurements.
Comments:
Notes: Example Syntax:

COM+115713136700:TE'

Data Element Summary

Attributes	Data Element	Component Element	Name		
M	**C076**		**COMMUNICATION CONTACT**	**M**	**3**
			Communication number of a department or employee in a specified channel.		
M		**3148**	**Communication number**	**M**	**an..512**
			The communication number.		
M		**3155**	**Communication number code qualifier**	**M**	**an..3**
			Code qualifying the communication number.		
			Supported values:		
			TE Telephone		
			Voice/data transmission by telephone.		

Group: **MEA** **Segment Group 29: Measurements**
Position: 1190
Group: Segment Group 27 (Dangerous Goods) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify measurements of the dangerous goods.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1200	MEA	Measurements	M	1	

Segment: **MEA** **Measurements**
Position: 1200 (Trigger Segment)
Group: Segment Group 29 (Measurements) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify the number of equipment units to each of which the given measurement applies.

Comments:
Notes: Example Syntax:

MEA+AAE+AAF+KGM:77000.00'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**6311**		**MEASUREMENT ATTRIBUTE CODE** Code specifying the measurement attribute. Supported values: AAE Measurement [6314] Value of the measured unit.	**M**	**1**	**an..3**
	C502		**MEASUREMENT DETAILS** Identification of measurement type.	**C**	**1**	
		6313	**Measured attribute code** Code specifying the attribute measured. Supported values: AAF Net net weight [6048] Weight (mass) of the goods themselves without any packing. AAX Net volume The observed volume after adjustment for factors such as temperature or gravity. AEO Radioactivity Activity of radioactive material.	**C**		**an..3**
X		**6321**	**Measurement significance, coded** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		**6155**	**Non-discrete measurement name code** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..17**
X		**6154**	**Non-discrete measurement name**	**C**		**an..70**
	C174		**VALUE/RANGE** Measurement value and relevant minimum and maximum values of the measurement range.	**C**	**1**	
M		**6411**	**Measurement unit code** Code specifying the unit of measurement. Supported values: FTQ Cubic feet GAL Gallons KGM Kilograms LBR Pounds LTR Liters MBQ Mega Becquerels MTQ Cubic meters	**M**		**an..3**

		6314	**Measurement value** Value of the measured unit.	**C**		**an..18**
X		**6162**	**Range minimum**	**C**		**n..18**
X		**6152**	**Range maximum**	**C**		**n..18**
X		**6432**	**Significant digits**	**C**		**n..2**
X	**7383**		**SURFACE/LAYER CODE** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**	**1**	**an..3**

Group: **EQD** **Segment Group 32: Equipment Details**
Position: 1270
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 999
Purpose: A segment to specify equipment, and equipment size and type used in the transport.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1280	EQD	Equipment Details	M	1	
	1290	EQN	Number of Units	C	1	
	1300	TMD	Transport Movement Details	C	1	
	1310	MEA	Measurements	C	9	
	1320	DIM	Dimensions	C	9	
	1340	HAN	Handling Instructions	C	1	
	1350	TMP	Temperature	C	1	
	1360	FTX	Free Text	C	9	
	1370	RFF	Reference	C	9	
	1380		Segment Group 33: Name and Address	C		9

Segment: **EQD** **Equipment Details**
Position: 1280 (Trigger Segment)
Group: Segment Group 32 (Equipment Details) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify number of pieces of equipment required.
Comments:
Notes: Example Syntax:

EQD+CN++22G0:102:5+2++5'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**8053**		**EQUIPMENT TYPE CODE QUALIFIER**	**M**	**1**	**an..3**
			Code qualifying a type of equipment.			
			Supported values:			
			CN Container Equipment item as defined by ISO for transport. It must be of: A) permanent character, strong enough for repeated use; B) designed to facilitate the carriage of goods, by one or more modes of transport, without intermediate reloading; C) fitted with devices for its ready handling, particularly.			
	C237		**EQUIPMENT IDENTIFICATION**	**C**	**1**	
			Marks (letters/numbers) identifying equipment.			
		8260	**Equipment identification number**	**C**		**an..17**
			Marks (letters and/or numbers) which identify equipment e.g. unit load device.			
X		**1131**	**Code list identification code**	**C**		**an..3**
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**3207**	**Country name code**	**C**		**an..3**
	C224		**EQUIPMENT SIZE AND TYPE**	**C**	**1**	
			Code and or name identifying size and type of equipment. Code preferred.			
		8155	**Equipment size and type description code**	**C**		**an..10**
			Code specifying the size and type of equipment.			
			ISO container group code			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**1131**	**Code list identification code**	**C**		**an..3**
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**8154**	**Equipment size and type description**	**C**		**an..35**
	8077		**EQUIPMENT SUPPLIER, CODED**	**C**	**1**	**an..3**
			To indicate the party that is the supplier of the equipment.			
			Supported values:			
			1 Shipper supplied The transport equipment is supplied by the shipper.			
			2 Carrier supplied The transport equipment is supplied by the carrier.			
X	**8249**		**EQUIPMENT STATUS CODE**	**C**	**1**	**an..3**

Refer to D.99B Data Element Dictionary for acceptable code values.

8169	**FULL/EMPTY INDICATOR, CODED**	**C**	**1**	**an..3**

To indicate the extent to which the equipment is full or empty.

Supported values:

4	Empty
5	Full

Segment: **EQN** **Number of Units**
Position: 1290
Group: Segment Group 32 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify transport movement details for the equipment.
Comments:
Notes: Example Syntax:

EQN+4:2'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**C523**		**NUMBER OF UNIT DETAILS**	**M**	**1**	
			Identification of number of units and its purpose.			
		6350	**Number of units**	**C**		**n..15**
			Number of units of a certain type.			
X		**6353**	**Unit type code qualifier**	**C**		**an..3**
			Refer to D.99B Data Element Dictionary for acceptable code values.			

Segment: **TMD** **Transport Movement Details**
Position: 1300
Group: Segment Group 32 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify measurements, other than dimensions, associated with the equipment, such as weight.
Comments:
Notes: Example Syntax:

TMD+3++MM'

Data Element Summary

Attributes	Data Element	Component Element	Name			
	C219		**MOVEMENT TYPE**	**C**	**1**	
			Description of type of service for movement of cargo.			
		8335	**Movement type description code**	**C**		**an..3**
			Code specifying a type of movement.			
			Supported values:			
			3 FCL/FCL Defines the movement of cargo packed by the shipper or shipper's agent and unpacked by the consignee or consignee's agent. 'FCL' means Full Container Load.			
			4 FCL/LCL Defines the movement of cargo packed by the shipper or shipper's agent and unpacked by the carrier. 'FCL' means Full Container Load. 'LCL' means Less than Container Load.			
X		**8334**	**Movement type description**	**C**		**an..35**
X	**8332**		**EQUIPMENT PLAN**	**C**	**1**	**an..26**
	8341		**HAULAGE ARRANGEMENTS, CODED**	**C**	**1**	**an..3**
			Specification of the type of equipment haulage arrangements.			
			Supported values:			
			CC Carrier haulage at export, Carrier haulage at import			
			CM Carrier haulage at export, Merchant haulage at import			
			MC Merchant haulage at export, Carrier haulage at import			
			MM Merchant haulage at export, Merchant haulage at import			

Segment: **MEA** **Measurements**
Position: 1310
Group: Segment Group 32 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify dimensions applicable to equipment.
Comments:
Notes: Example Syntax:

MEA+AAE+AAL+KGM:77000.00'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**6311**		**MEASUREMENT ATTRIBUTE CODE** Code specifying the measurement attribute. Supported values: AAE Measurement [6314] Value of the measured unit.	**M**	**1**	**an..3**
	C502		**MEASUREMENT DETAILS** Identification of measurement type.	**C**	**1**	
		6313	**Measured attribute code** Code specifying the attribute measured. Supported values: AAL Net weight [6160] Weight (mass) of goods including any packing normally going with them to a buyer in a retail sale. AAO Humidity AAS Air flow ZC Carbon ZO Oxygen	**C**		**an..3**
X		**6321**	**Measurement significance, coded** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		**6155**	**Non-discrete measurement name code** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..17**
X		**6154**	**Non-discrete measurement name**	**C**		**an..70**
	C174		**VALUE/RANGE** Measurement value and relevant minimum and maximum values of the measurement range.	**C**	**1**	
M		**6411**	**Measurement unit code** Code specifying the unit of measurement. Supported values: CBM Cubic Meters per Hour CFT Cubic Feet per Hour KGM Kilograms LBR Pounds	**M**		**an..3**
		6314	**Measurement value** Value of the measured unit.	**C**		**an..18**
X		**6162**	**Range minimum**	**C**		**n..18**
X		**6152**	**Range maximum**	**C**		**n..18**
X		**6432**	**Significant digits**	**C**		**n..2**
X	**7383**		**SURFACE/LAYER CODE**	**C**	**1**	**an..3**

Refer to D.99B Data Element Dictionary for acceptable code values.

Segment: **DIM** **Dimensions**
Position: 1320
Group: Segment Group 32 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to identify transport details for the equipment.
Comments:
Notes: Example Syntax:

DIM+9+MTR:36.5:3.65:5.48'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**6145**		**DIMENSION QUALIFIER**	**M**	**1**	**an..3**
			To specify the dimensions applicable to each of the transportable units.			
			Supported values:			
			9 Off-standard dimension general The dimensions that the cargo exceeds the standard dimensions.			
M	**C211**		**DIMENSIONS**	**M**	**1**	
			Specification of the dimensions of a transportable unit.			
M		**6411**	**Measurement unit code**	**M**		**an..3**
			Code specifying the unit of measurement.			
			Supported values:			
			FET Feet MTR Meter			
		6168	**Length dimension**	**C**		**n..15**
			Length of pieces or packages stated for transport purposes.			
		6140	**Width dimension**	**C**		**n..15**
			Width of pieces or packages stated for transport purposes.			
		6008	**Height dimension**	**C**		**n..15**
			Height of pieces or packages stated for transport purposes.			

Segment: **HAN** **Handling Instructions**
Position: 1340
Group: Segment Group 32 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify a temperature setting for the equipment.
Comments:
Notes: Example Syntax:

HAN+NAR'

Data Element Summary

Attributes	Data Element	Component Element	Name			
	C524		**HANDLING INSTRUCTIONS** Instruction for the handling of goods, products or articles in shipment, storage etc.	**C**	**1**	
		4079	**Handling instructions, coded** Identification of the instructions on how specified goods, packages or containers should be handled. Supported values: NAR Non-Active Reefer Indicates that a reefer container is to be moved without the refrigeration unit being activated.	**C**		**an..3**
X		**1131**	**Code list identification code** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		**3055**	**Code list responsible agency code** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		**4078**	**Handling instructions**	**C**		**an..70**
X	**C218**		**HAZARDOUS MATERIAL** To specify a hazardous material.	**C**	**1**	
X		**7419**	**Hazardous material class code, identification** Code specifying the kind of hazard for a material.	**C**		**an..4**
X		**1131**	**Code list identification code** Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		**3055**	**Code list responsible agency code** Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		**7418**	**Hazardous material class** To specify the kind of hazard for a material.	**C**		**an..35**

Segment: **TMP** **Temperature**
Position: 1350
Group: Segment Group 32 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify processable supplementary information associated with the equipment.
Comments:
Notes: Example Syntax:

TMP+2+003:CEL'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**6245**		**TEMPERATURE QUALIFIER**	**M**	**1**	**an..3**
			A code giving specific meaning to the temperature.			
			Supported values:			
			2 Transport temperature The temperature at which cargo is to be kept while it is under transport.			
	C239		**TEMPERATURE SETTING**	**C**	**1**	
			The temperature under which the goods are (to be) stored or shipped.			
		6246	**Temperature setting**	**C**		**n3**
			The actual temperature value in degrees Celsius (e.g. 008, 020).			
		6411	**Measurement unit code**	**C**		**an..3**
			Code specifying the unit of measurement.			
			Supported values:			
			CEL Celsius			
			FAH Fahrenheit			

Segment: **FTX** **Free Text**
Position: 1360
Group: Segment Group 32 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify a reference number to equipment.

Comments:
Notes: Example Syntax:

FTX+AEB+++REEFER COMMENTS'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**4451**		**TEXT SUBJECT CODE QUALIFIER**	**M**	**1**	**an..3**
			Code specifying the subject of the text.			
			Supported values:			
			AEB Temperature control instructions Instruction regarding the temperature control of the cargo.			
			AGK Equipment Description of equipment.			
			HAN Handling instructions [4078] Instructions on how specified goods, packages or containers should be handled.			
			SSR Special service request Request for a special service concerning the transport of the goods.			
X	**4453**		**TEXT FUNCTION, CODED**	**C**	**1**	**an..3**
			Refer to D.99B Data Element Dictionary for acceptable code values.			
	C107		**TEXT REFERENCE**	**C**	**1**	
			Coded reference to a standard text and its source.			
M		**4441**	**Free text value code**	**M**		**an..17**
			Code specifying free form text.			
			Supported values:			
			CCN Canadian cargo control			
			CLN Equipment must be cleaned			
			ECA Equipment controlled atmosphere			
			FGE Food grade equipment requested			
			FMG Fumigation required			
			FRZ Super freezer service			
			GEN Genset requested			
			GOH Garment on hanger			
			HUM Humidity			
			ICP Number of USD probes for ICT service			
			ICT In transit cold sterilization			
			NTP Number of temperature probes requested			
			SAD Stow above deck			
			SBD Stow below deck			
			SWP Equipment must be swept			
			TVA Temperature variance			

			UCN	UK unique consignment		
			VTC	Vent closed		
			VTO	Vent open		
X		**1131**	**Code list identification code**	**C**		**an..3**
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Refer to D.99B Data Element Dictionary for acceptable code values.			
	C108		**TEXT LITERAL**	**C**	**1**	
			Free text; one to five lines.			
M		**4440**	**Free text value**	**M**		**an..512**
			Free form text.			
X		**4440**	**Free text value**	**C**		**an..512**
X		**4440**	**Free text value**	**C**		**an..512**
X		**4440**	**Free text value**	**C**		**an..512**
X		**4440**	**Free text value**	**C**		**an..512**
X	**3453**		**LANGUAGE NAME CODE**	**C**	**1**	**an..3**
X	**4447**		**TEXT FORMATTING, CODED**	**C**	**1**	**an..3**
			Refer to D.99B Data Element Dictionary for acceptable code values.			

Segment: **RFF** **Reference**
Position: 1370
Group: Segment Group 32 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments to identify different equipment pick-up or drop-off places.
Comments:
Notes: Example Syntax:

RFF+ON:L922'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**C506**		**REFERENCE**		**M**	**1**
			Identification of a reference.			
			Example Syntax: RFF+ON+LG153-1'			
M		**1153**	**Reference function code qualifier**		**M**	**an..3**
			Code giving specific meaning to a reference segment or a reference number.			
			Supported values:			
			AEF	Customer process specification number Retrieval number for a process specification defined by customer.		
			AFG	Tariff number		
			AGB	Contract party reference number Reference number assigned to a party for a particular contract.		
			AGE	Agent's reference Reference number of the agent.		
			AKG	Vehicle Identification Number (VIN) The identification number which uniquely distinguishes one vehicle from another through the lifespan of the vehicle.		
			ANT	Consignee's reference Reference number of the consignee.		
			BN	Booking reference number [1016] Reference number assigned by the carrier or his agent when cargo space is reserved prior to loading.		
			CT	Contract number Reference number of a contract concluded between parties.		
			EX	Export licence number [1208] Reference number assigned by issuing authority to an Export Licence.		
			FF	Freight forwarder's reference number [1460] Reference number assigned to the consignment by the freight forwarder.		
			LI	Line item reference number (1156) Reference number identifying a particular line in a document.		
			ON	Order number (purchase)		

			[1022] Reference number assigned by the buyer to an order.		
		SI	SID (Shipper's identifying number for shipment) Description to be provided.		
	1154	**Reference identifier**		**C**	**an..35**
		Identifies a reference.			
X	**1156**	**Line number**		**C**	**an..6**
X	**4000**	**Reference version identifier**		**C**	**an..35**
X	**1060**	**Revision number**		**C**	**an..6**

Group: **NAD** **Segment Group 33: Name and Address**
Position: 1380
Group: Segment Group 32 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify a pick-up or drop-off address.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1390	NAD	Name and Address	M	1	
	1410		Segment Group 34: Contact Information	C		9

Segment: **NAD** **Name and Address**
Position: 1390 (Trigger Segment)
Group: Segment Group 33 (Name and Address) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate date and time relating to pick-up or drop-off.

Comments:
Notes: Example Syntax:

NAD+EV++SUPER FREEZER CORP:MAIN STREET 123, SPRINGFIELD'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**3035**		**PARTY FUNCTION CODE QUALIFIER** Code giving specific meaning to a party. Supported values: EV Subcontractor Firm carrying out a part of the works for a contractor.	**M**	**1**	**an..3**
X	**C082**		**PARTY IDENTIFICATION DETAILS** Identification of a transaction party by code.	**C**	**1**	
X		**3039**	**Party identifier** Code specifying the identity of a party.	**M**		**an..35**
X		**1131**	**Code list identification code** Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		**3055**	**Code list responsible agency code** Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
	C058		**NAME AND ADDRESS** Unstructured name and address: one to five lines.	**C**	**1**	
M		**3124**	**Name and address line** Free form name and address description.	**M**		**an..35**
		3124	**Name and address line** Free form name and address description.	**C**		**an..35**
X		**3124**	**Name and address line**	**C**		**an..35**
X		**3124**	**Name and address line**	**C**		**an..35**
X		**3124**	**Name and address line**	**C**		**an..35**
X	**C080**		**PARTY NAME** Identification of a transaction party by name, one to five lines. Party name may be formatted.	**C**	**1**	
X		**3036**	**Party name** Name of a party involved in a transaction.	**M**		**an..35**
X		**3036**	**Party name** Name of a party involved in a transaction.	**C**		**an..35**
X		**3036**	**Party name** Name of a party involved in a transaction.	**C**		**an..35**
X		**3036**	**Party name** Name of a party involved in a transaction.	**C**		**an..35**
X		**3036**	**Party name**	**C**		**an..35**

			Name of a party involved in a transaction.			
X		**3045**	**Party name format code**	**C**		**an..3**
			Code specifying the representation of a party name.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X	**C059**		**STREET**	**C**	**1**	
			Street address and/or PO Box number in a structured address: one to four lines.			
X		**3042**	**Street and number/p.o. box**	**M**		**an..35**
			Street and number in plain language, or Post Office Box No.			
X		**3042**	**Street and number/p.o. box**	**C**		**an..35**
			Street and number in plain language, or Post Office Box No.			
X		**3042**	**Street and number/p.o. box**	**C**		**an..35**
			Street and number in plain language, or Post Office Box No.			
X		**3042**	**Street and number/p.o. box**	**C**		**an..35**
			Street and number in plain language, or Post Office Box No.			
X	**3164**		**CITY NAME**	**C**	**1**	**an..35**
X	**C819**		**COUNTRY SUB-ENTITY DETAILS**	**C**	**1**	
			To specify a part of a country (eg county or part of a city).			
X		**3229**	**Country sub-entity name code**	**C**		**an..9**
			Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.			
X		**1131**	**Code list identification code**	**C**		**an..3**
			Identification of a code list.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
X		**3228**	**Country sub-entity name**	**C**		**an..35**
			Name of sub-entities (state, province) defined by appropriate governmental agencies.			
X	**3251**		**POSTAL IDENTIFICATION CODE**	**C**	**1**	**an..17**
X	**3207**		**COUNTRY NAME CODE**	**C**	**1**	**an..3**

Group: **CTA** **Segment Group 34: Contact Information**
Position: 1410
Group: Segment Group 33 (Name and Address) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify a contact name associated with a specified equipment positioning or collection address.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1420	CTA	Contact Information	M	1	
	1430	COM	Communication Contact	C	9	

Segment: **CTA** **Contact Information**
Position: 1420 (Trigger Segment)
Group: Segment Group 34 (Contact Information) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify a communication number related to the contact.

Comments:
Notes: Example Syntax:

CTA++:Jennifer Rodriguez'

Data Element Summary

Attributes	Data Element	Component Element	Name			
X	**3139**		**CONTACT FUNCTION CODE** Refer to D.99B Data Element Dictionary for acceptable code values.	**C**	**1**	**an..3**
	C056		**DEPARTMENT OR EMPLOYEE DETAILS** Code and/or name of a department or employee. Code preferred.	**C**	**1**	
X		**3413**	**Department or employee identification**	**C**		**an..17**
		3412	**Department or employee** The department or person within an organizational entity.	**C**		**an..35**

Segment: **COM** **Communication Contact**
Position: 1430
Group: Segment Group 34 (Contact Information) Conditional (Optional)
Level: 4
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments to specify dangerous goods.
Comments:
Notes: Example Syntax:

COM+115713136700:TE'

Data Element Summary

Attributes	Data Element	Component Element	Name		
M	**C076**		**COMMUNICATION CONTACT**	**M**	**3**
			Communication number of a department or employee in a specified channel.		
M		**3148**	**Communication number**	**M**	**an..512**
			The communication number.		
M		**3155**	**Communication number code qualifier**	**M**	**an..3**
			Code qualifying the communication number.		
			Supported values:		
			TE Telephone		
			Voice/data transmission by telephone.		

Segment: **UNT** **Message Trailer**
Position: 1500
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To end and check the completeness of a Message
Comments:
Notes: Example Syntax:

UNT+23+123869'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**0074**		**NUMBER OF SEGMENTS IN A MESSAGE** Control count of number of segments in a message.	**M**	**1**	**n..6**
M	**0062**		**MESSAGE REFERENCE NUMBER** Unique message reference assigned by the sender.	**M**	**1**	**an..14**

Segment: **UNZ** **Interchange Trailer**
Position: 1510
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To end and check the completeness of an interchange
Comments:
Notes: Example Syntax:

UNZ+1+125'

Data Element Summary

Attributes	Data Element	Component Element	Name			
M	**0036**		**INTERCHANGE CONTROL COUNT** Count either of the number of messages or, if used, of the number of functional groups in an interchange.	**M**	**1**	**n..6**
M	**0020**		**INTERCHANGE CONTROL REFERENCE** Unique reference assigned by the sender to an interchange.	**M**	**1**	**an..14**