

# IFTMBC Booking Confirmation Message

## Introduction:

A message from the party providing forwarding and/or transport services to the party booking those services giving the confirmation information to the booking of the consignment concerned. A confirmation might read that the booking of a consignment is accepted, pending, conditionally accepted or rejected.

The conditions under which requested services take place may be given in this message.

This message can also be used between vessel operators, vessel sharing partners and cargo receiving and handling facilities such as marine terminals, inland receiving depots, rail ramps and truck terminals to confirm cargo particulars and equipment requirements of the transport provider to the service provider responsible for dispatching empty equipment and receiving the cargo.

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
	M	0005	UNB	Interchange Header	M	1	
	M	0010	UNH	Message Header	M	1	
	M	0020	BGM	Beginning of Message	M	1	
	M	0030	CTA	Contact Information	M	1	
	M	0040	COM	Communication Contact	M	9	
	M	0050	DTM	Date/Time/Period	M	3	
		0060	TSR	Transport Service Requirements	C	1	
		0070	FTX	Free Text	C	22	
Not Used		0080	CNT	Control Total	C	9	
		0090	GDS	Nature of Cargo	C	4	
		0100	Segment Group 1: LOC-DTM		O	4	
M		0110	LOC	Place/Location Identification	M	1	
		0120	DTM	Date/Time/Period	C	2	
		0130	Segment Group 2: RFF-DTM		C	99	
M		0140	RFF	Reference	M	1	
		0150	DTM	Date/Time/Period	C	2	
		0160	TCC	Transport Charge/Rate Calculations	C	6	
		0170	Segment Group 3: TDT-DTM-TSR-SG4-SG5		C	99	
M		0180	TDT	Details of Transport	M	1	
Not Used		0190	DTM	Date/Time/Period	C	9	
Not Used		0200	TSR	Transport Service Requirements	C	9	
		0210	Segment Group 4: LOC-DTM		C	2	
M		0220	LOC	Place/Location Identification	M	1	
		0230	DTM	Date/Time/Period	C	2	
Not Used		0240	Segment Group 5: RFF-DTM		C	9	
Not Used		0250	RFF	Reference	M	1	
Not Used		0260	DTM	Date/Time/Period	C	1	

M	0270		Segment Group 6: NAD-LOC-SG7-SG8	M	12
M	0280	NAD	Name and Address	M	1
Not Used	0290	LOC	Place/Location Identification	C	9
	0300		Segment Group 7: CTA-COM	C	9
M	0310	CTA	Contact Information	M	1
M	0320	COM	Communication Contact	M	9
	0330		Segment Group 8: TSR-RFF-LOC-TPL-FTX	C	99
Not Used	0340	TSR	Transport Service Requirements	M	1
Not Used	0350	RFF	Reference	C	1
Not Used	0360	LOC	Place/Location Identification	C	1
Not Used	0370	TPL	Transport Placement	C	1
Not Used	0380	FTX	Free Text	C	9
	0390		Segment Group 9: GID-HAN-TMP-RNG-TMD-LOC-FTX-PCD-SG10-GDS-SG11-SG12-SG13-SG14-SG15	C	999
M	0400	GID	Goods Item Details	M	1
Not Used	0410	HAN	Handling Instructions	C	1
Not Used	0420	TMP	Temperature	C	1
Not Used	0430	RNG	Range Details	C	1
Not Used	0440	TMD	Transport Movement Details	C	1
Not Used	0450	LOC	Place/Location Identification	C	9
	0460	FTX	Free Text	C	5
Not Used	0470	PCD	Percentage Details	C	9
Not Used	0480		Segment Group 10: NAD-DTM	C	9
Not Used	0490	NAD	Name and Address	M	1
Not Used	0500	DTM	Date/Time/Period	C	1
Not Used	0510	GDS	Nature of Cargo	C	9
	0520		Segment Group 11: MEA-EQN	C	2
M	0530	MEA	Measurements	M	1
Not Used	0540	EQN	Number of Units	C	1
	0550		Segment Group 12: DIM-EQN	C	1
M	0560	DIM	Dimensions	M	1
Not Used	0570	EQN	Number of Units	C	1
	0580		Segment Group 13: RFF-DTM	C	9
M	0590	RFF	Reference	M	1
	0600	DTM	Date/Time/Period	C	2
Not Used	0610		Segment Group 14: DOC-DTM	C	9
Not Used	0620	DOC	Document/Message Details	M	1
Not Used	0630	DTM	Date/Time/Period	C	9
	0640		Segment Group 15: DGS-FTX-SG16-SG17	C	99
M	0650	DGS	Dangerous Goods	M	1
	0660	FTX	Free Text	C	12
	0670		Segment Group 16: CTA-COM	C	3
M	0680	CTA	Contact Information	M	1
M	0690	COM	Communication Contact	M	1
	0700		Segment Group 17: MEA-EQN	C	4
M	0710	MEA	Measurements	M	1
Not Used	0720	EQN	Number of Units	C	1

	0730		Segment Group 18: EQD-EQN-TMD-MEA-DIM-HAN-TMP-RNG-FTX-RFF-SG19-SG20	C	999
M	0740	EQD	Equipment Details	M	1
M	0750	EQN	Number of Units	M	1
	0760	TMD	Transport Movement Details	C	1
	0770	MEA	Measurements	C	7
	0780	DIM	Dimensions	C	1
	0790	HAN	Handling Instructions	C	1
	0800	TMP	Temperature	C	1
Not Used	0810	RNG	Range Details	C	9
	0820	FTX	Free Text	C	21
	0830	RFF	Reference	C	9
	0840		Segment Group 19: NAD-DTM	C	9
M	0850	NAD	Name and Address	M	1
	0860	DTM	Date/Time/Period	C	2
Not Used	0870		Segment Group 20: DGS-FTX-SG21	C	99
Not Used	0880	DGS	Dangerous Goods	M	1
Not Used	0890	FTX	Free Text	C	9
Not Used	0900		Segment Group 21: CTA-COM	C	9
Not Used	0910	CTA	Contact Information	M	1
Not Used	0920	COM	Communication Contact	C	9
M	0930	UNT	Message Trailer	M	1
M	0940	UNZ	Interchange Trailer	M	1

**Segment:** UNB Interchange Header  
**Position:** 0005  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To start, identify and specify an interchange

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:** UNB+UNOC:3+MSCU:ZZZ+RECEIVERID:ZZZ+070602:0822+1'

### Data Element Summary

Attributes	Data	Component		
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>
M	S001		<b>SYNTAX IDENTIFIER</b>	M 1
			Identification of the agency controlling the syntax and indication of syntax level.	
M		0001	<b>Syntax identifier</b>	M a4
			Coded identification of the agency controlling a syntax and syntax level used in an interchange.	
			Accepted Values:	
			UNOC UN/ECE level C	
			As defined in ISO 8859-1 : Information processing - Part 1: Latin alphabet No. 1.	
			Latin Alphabet 1 includes the 'at' sign '@' (character 64) as used in email addresses	
M		0002	<b>Syntax version number</b>	M n1
			Version number of the syntax identified in the syntax identifier (0001).	
			2 Version 2	
			ISO 9735:1990.	
M	S002		<b>INTERCHANGE SENDER</b>	M 1
			Identification of the sender of the interchange.	
M		0004	<b>Sender identification</b>	M an..35
			Name or coded representation of the sender of a data interchange.	
			MSCU	
		0007	<b>Partner identification code qualifier</b>	C an..4
			Qualifier referring to the source of codes for the identifiers of interchanging partners.	
			Accepted Values:	
			ZZZ Mutually defined	
X		0008	<b>Address for reverse routing</b>	C an..14
M	S003		<b>INTERCHANGE RECIPIENT</b>	M 1
			Identification of the recipient of the interchange.	
M		0010	<b>Recipient identification</b>	M an..35
			Name or coded representation of the recipient of a data interchange.	
			RECEIVERID	
		0007	<b>Partner identification code qualifier</b>	C an..4
			Qualifier referring to the source of codes for the identifiers of interchanging partners.	
			Accepted Values:	
			ZZZ Mutually defined	
X		0014	<b>Routing address</b>	C an..14

M	S004	<b>DATE AND TIME OF PREPARATION</b>	M	1
		Date and time of preparation of the interchange.		
M	0017	<b>Date of preparation</b>	M	n6
		Local date when an interchange or a functional group was prepared. Format YYMMDD.		
M	0019	<b>Time of preparation</b>	M	n4
		Local time of day when an interchange or a functional group was prepared. Assumed to be UTC (GMT) Time		
		Time must be expressed and transmitted by means of four figures, the first two denoting the hour past midnight and the last two the minutes past the hour.		
		Examples :		
		12:45 a.m. is expressed as 0045		
		12:00 noon is expressed as 1200		
		11:45 p.m. is expressed as 2345		
		12:00 midnight is expressed as 0000		
		1:30 a.m. is expressed as 0130		
		1:45 p.m. is expressed as 1345		
		4:30 p.m. is expressed as 1630		
M	0020	<b>INTERCHANGE CONTROL REFERENCE</b>	M	1 an..14
		Unique reference assigned by the sender to an interchange.		
X	S005	<b>RECIPIENTS REFERENCE PASSWORD</b>	C	1
		Reference or password as agreed between the communicating partners.		
X	0022	<b>Recipient reference/password</b>	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	<b>Recipient reference/password qualifier</b>	C	an2
X	0026	<b>APPLICATION REFERENCE</b>	C	1 an..14
X	0029	<b>PROCESSING PRIORITY CODE</b>	C	1 a1
X	0031	<b>ACKNOWLEDGEMENT REQUEST</b>	C	1 n1
X	0032	<b>COMMUNICATIONS AGREEMENT ID</b>	C	1 an..35
X	0035	<b>TEST INDICATOR</b>	C	1 n1

**Segment:** UNH Message Header

**Position:** 0010

**Group:**

**Level:** 0

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** A service segment starting and uniquely identifying a message. The message type code for the Booking confirmation message is IFTMBC.

Note: Booking confirmation messages conforming to this document must contain the following data in segment UNH, composite S009:

Data element 0065 IFTMBC 0052 D 0054 99B 0051 UN

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:** UNH+0001+IFTMBC:D:99B:UN:1.2019

### Data Element Summary

Attributes	Data	Component		
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>
M	0062		MESSAGE REFERENCE NUMBER	M 1 an..14
			Unique message reference assigned by the sender.	
M	S009		MESSAGE IDENTIFIER	M 1
			Identification of the type, version etc. of the message being interchanged.	
M		0065	Message type identifier	M an..6
			Code identifying a type of message and assigned by its controlling agency.	
			Accepted Value:	
			IFTMBC Booking confirmation message	
			A code to identify the booking confirmation message.	
M		0052	Message type version number	M an..3
			Version number of a message type.	
			Accepted Value:	
			D Draft version/UN/EDIFACT Directory	
			Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).	
M		0054	Message type release number	M an..3
			Release number within the current message type version number (0052).	
			Accepted Value:	
			99B Release 1999 - B	
			Message approved and issued in the second 1999 release of the UNTDID (United Nations Trade Data Interchange Directory).	
M		0051	Controlling agency	M an..2
			Code identifying the agency controlling the specification, maintenance and publication of the message type.	
			Accepted Value:	
			UN UN/CEFACT	
			United Nations Centre for the Facilitation of procedures and practices for Administration, Commerce and Transport (UN/CEFACT).	
M		0057	Association assigned code	M an..6
			Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.	

Used to indicate MSC Booking version.

Supplied Values:

1.2019

X	0068	<b>COMMON ACCESS REFERENCE</b>	C	1	an..35
X	S010	<b>STATUS OF THE TRANSFER</b>	C	1	
		Statement that the message is one in a sequence of transfers relating to the same topic.			
X	0070	<b>Sequence message transfer number</b>	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.			
X	0073	<b>First/last sequence message transfer indication</b>	C	a1	
		Indication used for the first and last message in a sequence of the same type of message relating to the same topic.			

**Segment:** **BGM** Beginning of Message

**Position:** 0020

**Group:**

**Level:** 0

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** A segment to indicate the beginning of a message and to transmit identifying number and type of the message.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

BGM+770+7685967039:1.2019+6+AP

Bookings in Confirmed state cannot be placed in Pending state.

Client Ref (C106, 1004) MUST be blank for all electronic bookings (stand alones).

Response type code (4343) is Mandatory if Message function code (1225) = 6

### Data Element Summary

Attributes	Data	Component			
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>	
M	C002		DOCUMENT/MESSAGE NAME	M	1
			Identification of a type of document/message by code or name. Code preferred.		
			Accepted Values:		
M		1001	Document name code	M	an..3
			Code specifying the document name.		
			Accepted value:		
			770 Booking confirmation		
			Document/message issued by a carrier to confirm that space has been reserved for a consignment in means of transport.		
X		1131	Code list identification code	C	an..3
X		3055	Code list responsible agency code	C	an..3
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.		
			Client's Unique Reference		
X		1056	Version	C	an..9
X		1060	Revision number	C	an..6
M	1225		MESSAGE FUNCTION CODE	M	1 an..3
			Code indicating the function of the message.		
			Accepted Values:		
			1 Cancellation		
			Message cancelling a previous transmission for a given transaction.		
			6 Confirmation		
			Message confirming the details of a previous transmission where such confirmation is required or recommended under the terms of a trading partner agreement.		
	4343		RESPONSE TYPE CODE	C	1 an..3



Code specifying the type of acknowledgment required or transmitted.

Only applicable if Message function code (1225) = 6

Accepted values:

AJ	Pending Indication that the referenced offer or transaction (e.g., cargo booking or quotation request) is being dealt with.
AP	Accepted Indication that the referenced offer or transaction (e.g., cargo booking or quotation request) has been accepted.
CA	Conditionally accepted Indication that the referenced offer or transaction (e.g., cargo booking or quotation request) has been accepted under conditions indicated in this message.

**Segment:** **CTA** Contact Information

**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.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

CTA+CW+:CHARLES BROWN

This represents the primary carrier contact for this booking transaction.

Spaces and/or dots alone will not be accepted for Contact Name (C056, 3412).

#### Data Element Summary

Attributes	Data	Component			
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>	
M	3139		<b>CONTACT FUNCTION CODE</b>	M	1 an..3
			Code specifying the function of a contact (e.g. department or person).		
			Accepted Values:		
			CW	Confirmed with	
				Person with whom the contents of the purchase order has been discussed and agreed (e.g. by telephone) prior to the sending of this message.	
M	C056		<b>DEPARTMENT OR EMPLOYEE DETAILS</b>	M	1
			Code and/or name of a department or employee. Code preferred.		
X		3413	<b>Department or employee identification</b>	C	an..17
M		3412	<b>Department or employee</b>	M	an..35
			The department or person within an organizational entity.		
			Contact Name		

**Segment:** **COM** Communication Contact

**Position:** 0040

**Group:**

**Level:** 1

**Usage:** Mandatory

**Max Use:** 9

**Purpose:** A segment to identify a communication number of a person or department to whom communication should be directed.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:** COM+973 4008976:TE

#### Data Element Summary

Attributes	Data	Component		Req/Repeat/Repr
	<u>Element</u>	<u>Element</u>	<u>Name</u>	
M	<b>C076</b>		<b>COMMUNICATION CONTACT</b>	<b>M 1</b>
			Communication number of a department or employee in a specified channel.	
M		<b>3148</b>	<b>Communication number</b>	<b>M an..512</b>
			The communication number.	
M		<b>3155</b>	<b>Communication number code qualifier</b>	<b>M an..3</b>
			Code qualifying the communication number.	
			Accepted Values:	
		EM	Electronic mail Exchange of mail by electronic means. Email address is subject to validation as outlined in the preamble of this document.	
		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. Must not be populated with spaces and/or dots alone.	
		TE	Telephone Voice/data transmission by telephone. Must not be populated with spaces and/or dots alone.	

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

**Position:** 0050

**Group:**

**Level:** 1

**Usage:** Mandatory

**Max Use:** 3

**Purpose:** A segment to indicate a date and time applying to the whole message, e.g., date and time of document issue.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

DTM+137:200704150705:203

or

DTM+407:20070401:102

or

DTM+265:20070403:102

Time is assumed to be UTC/GMT

Carrier response date (137) is MANDATORY.

VGM cut-off date (265) pertains to all containers on the booking.

All dates must be within 400 days of the current date.

#### Data Element Summary

Attributes	Data	Component		
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>
M	C507		<b>DATE/TIME/PERIOD</b>	<b>M 1</b>
			Date and/or time, or period relevant to the specified date/time/period type.	
M		2005	<b>Date/time/period function code qualifier</b>	<b>M an..3</b>
			Code giving specific meaning to a date, time or period.	
			Accepted Values:	
		137	Document/message date/time (2006) Date/time when a document/message is issued. This may include authentication.	
		265	Due date Container(s) VGM cut-off date	
		407	Document requested date/time Date/time on which the document is requested by a party. Date by which SI for the booking should be received by the carrier	
M		2380	<b>Date/time/period value</b>	<b>M an..35</b>
			The value of a date, a date and time, a time or of a period in a specified representation.	
M		2379	<b>Date/time/period format code</b>	<b>M an..3</b>
			Code specifying the representation of a date, time or period.	
			Date/Time (C507, 2380) must be consistent with the code sent in this element.	
			Accepted 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.  
Time must be expressed and transmitted by means of  
four figures, the first two denoting the hour past  
midnight and the last two the minutes past the hour.

Examples :

12:45 a.m. is expressed as 0045

12:00 noon is expressed as 1200

11:45 p.m. is expressed as 2345

12:00 midnight is expressed as 0000

1:30 a.m. is expressed as 0130

1:45 p.m. is expressed as 1345

4:30 p.m. is expressed as 1630

**Segment:** **TSR** Transport Service Requirements  
**Position:** 0060  
**Group:**  
**Level:** 0  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to provide confirmation details of the required transport services.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** TSR+27

#### Data Element Summary

Attributes	Data	Component		Req/Repeat/Repr
	<u>Element</u>	<u>Element</u>	<u>Name</u>	
M	C536		<b>CONTRACT AND CARRIAGE CONDITION</b> To identify a contract and carriage condition.	M 1
M		4065	<b>Contract and carriage condition code</b> Code to identify the conditions of contract and carriage.	M an..3
Accepted 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	<b>Code list identification code</b>	C an..3
X		3055	<b>Code list responsible agency code</b>	C an..3
X	C233		<b>SERVICE</b> To identify a service (which may constitute an additional component to a basic contract).	C 1
X		7273	<b>Service requirement code</b> Code specifying a service requirement.	M an..3
X		1131	<b>Code list identification code</b> Identification of a code list.	C an..3
X		3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C an..3
X		7273	<b>Service requirement code</b> Code specifying a service requirement.	C an..3
X		1131	<b>Code list identification code</b> Identification of a code list.	C an..3
X		3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C an..3
X	C537		<b>TRANSPORT PRIORITY</b> To indicate the priority of requested transport service.	C 1

X		<b>4219</b>	<b>Transport priority, coded</b> Coded priority of requested transport service.	M	an..3
X		<b>1131</b>	<b>Code list identification code</b> Identification of a code list.	C	an..3
X		<b>3055</b>	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C	an..3
X	<b>C703</b>		<b>NATURE OF CARGO</b> Rough classification of a type of cargo.	C	1
X		<b>7085</b>	<b>Nature of cargo, coded</b> Code indicating the type of cargo as a rough classification.	M	an..3
X		<b>1131</b>	<b>Code list identification code</b> Identification of a code list.	C	an..3
X		<b>3055</b>	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C	an..3

**Segment:** **FTX** Free Text

**Position:** 0070

**Group:**

**Level:** 1

**Usage:** Conditional (Optional)

**Max Use:** 22

**Purpose:** A segment to specify free form or processable supplementary information, such as status of transport, remarks to be printed on the transport documents (where required), consignment remarks, insurance instructions, etc., or any other additional information.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

FTX+AAI+++Free-Form Text

or

FTX+ACD++EAV:218:ZZZ

or

FTX+ACD++SAV:218:ZZZ

or

FTX+CHG++RLD:218:ZZZ

or

FTX+ABV+++Free-Form Text Terms and Conditions

or

FTX+CUS++UCN:110:ZZZ+857\_2938476

or

FTX+CCI++AMS:63:ZZZ

or

FTX+CCI++NVO:63:ZZZ+SCAC

or

FTX+AAA+++THIS IS COMMODITY SUMMARY INFORMATION

or

FTX+AAC+++IMO 3.1 IMO 1.4

or

FTX+AAF+++1.034 USD

For carrier Cancellation/Decline (0020 BGM 1225 = 1 ) General Information (Text Subject Code Qualifier (4451) = AAI) is Mandatory.

For carrier Cancellation/Decline (0020 BGM 1225 = 1 )only segments with Text Subject Code Qualifiers (4451) = AAI, or CHG will be processed.

If header level Summary Commodity Description is sent then GID information must not be sent in the transaction.

If header level Summary UNDG Numbers and IMO codes is sent then Dangerous Goods information must not be sent in the GID section of the transaction.

The Carrier provided change summary will be sent in the Customer outbound IFTMBC under FTX 'AES'.

Only 1 segment may be sent with Text Subject Code Qualifier of AAA.

Only 1 segment may be sent with Text Subject Code Qualifier of AAC.

Only 1 segment may be sent with Text Subject Code Qualifier of AAF.

Only 3 segments may be sent with Text Subject Code Qualifier of AAI.

Only 1 segment may be sent with Text Subject Code Qualifier of ABV.

Only 1 segment may be sent with Text Subject Code Qualifier of AES.

Only 2 segments may be sent with Text Subject Code Qualifier of CUS each containing only 1 of Free Text Value Code CCN or UCN.

Only 2 segments may be sent with Text Subject Code Qualifier of CCI each containing only 1 of Free Text Value Code AMS or NVO.



Only 1 segment may be sent with Text Subject Code Qualifier of ACD with Free Text Value Code empty.  
 Only 4 segment may be sent with Text Subject Code Qualifier of ACD each containing only 1 of Free Text Value Code CHG, EAV, HCV or SAV.  
 Only 1 segment may be sent with Text Subject Code Qualifier of CHG with Free Text Value Code empty.  
 Only 3 segment may be sent with Text Subject Code Qualifier of CHG each containing only 1 of Free Text Value Code DOC, PCR or RLD.

Text subject CUS may appear at other levels in the transaction. CCN and UCN must only appear at one level of the transaction.

**Data Element Summary**

Attributes	Data	Component		
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>
M	4451		<b>TEXT SUBJECT CODE QUALIFIER</b>	<b>M 1 an..3</b>
			Code specifying the subject of the text.	
			Accepted value:	
		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). Summary Commodity Description	
		AAC	Dangerous goods additional information Additional information concerning dangerous goods. Summary UNDG numbers and IMO codes	
		AAF	Rate additional information Specific details applying to rates. Vessel Rate of Exchange Information	
		AAI	General information Mandatory for carrier cancel/decline or replacement of a booking.	
		ABV	Acceptance terms additional Additional terms concerning acceptance. Terms and conditions	
		ACD	Reason Reason for a request or response. Reason for Pending Status	
		AES	Reason for amending a message Identification of the reason for amending a message. Carrier's reasons for amending the booking.	
		CCI	Customs clearance instructions Any coded or clear instruction agreed by customer and carrier regarding the declaration of the goods.	
		CHG	Change information Note contains change information. Split Reason	
		CUS	Customs declaration information Note contains customs declaration information.	
X	4453		<b>TEXT FUNCTION, CODED</b>	<b>C 1 an..3</b>
	C107		<b>TEXT REFERENCE</b>	<b>C 1</b>
			Coded reference to a standard text and its source.	

Code specifying free form text.

This element must be populated when Text Subject Code Qualifier (4451) = CCI or CUS.

This element may be populated when Text Subject Code Qualifier (4451) = ACD or CHG.

This element must not be populated when Text Subject Code Qualifier (4451) equals AAA, AAC, AAF, AAI,ABV or AES.

Accepted Values:

AMS Customer to Handle AMS Filing  
Must only be sent when Text Subject Code Qualifier (4451) = CCI.

CCN Canadian Cargo Control Number  
Typically provided by the Carrier for use by Registered Forwarders in Supplementary Cargo Reports filed with CBSA in Canada.  
Must only be sent when Text Subject Code Qualifier (4451) = CUS.

CHG Charge Verification  
Must only be sent when Text Subject Code Qualifier (4451) = ACD.

DOC Documentation Split  
Must only be sent when Text Subject Code Qualifier (4451) = CHG.

EAV Equipment Availability Verification  
Must only be sent when Text Subject Code Qualifier (4451) = ACD.

HCV Hazardous Commodity Verification  
Must only be sent when Text Subject Code Qualifier (4451) = ACD.

NVO NVOCC SCAC  
NVOCC SCAC Code for US Customs AMS Filing.  
Must only be sent when Text Subject Code Qualifier (4451) = CCI.

PCR Per Container Release  
Must only be sent when Text Subject Code Qualifier (4451) = CHG.

RLD Container(s) Rolled  
Must only be sent when Text Subject Code Qualifier (4451) = CHG.

SAV Slot Availability Verification  
Must only be sent when Text Subject Code Qualifier (4451) = ACD.

UCN Customs Export Declaration Unique Consignment Reference (DUCR)  
Typically provided by the Exporter or its Agent for shipments departing Great Britain.  
Must only be sent when Text Subject Code Qualifier (4451) = CUS.

Identification of a code list.

Accepted Values:

63 Handling action  
Codes for handling action.

Must be sent when Text Subject Code Qualifier (4451) = CCI and Free Text Value Code (C107, 4441) = AMS or NVO.

110 Customs special codes

			Customs code to indicate an exemption to a regulation or a special Customs treatment. Must be sent when Text Subject Code Qualifier (4451) = CUS and Free Text Value Code (C107, 4441) = UCN or CCN.		
		218	Information request result Identifies a code list containing information request results. Must be sent when Text Subject Code Qualifier (4451) = CUS and Free Text Value Code (C107, 4441) = UCN or CCN.		
<b>M</b>	<b>3055</b>	<b>Code list responsible agency code</b>		<b>M</b>	<b>an..3</b>
		Code specifying the agency responsible for a code list.			
		Accepted Values:			
		ZZZ	Mutually defined		
	<b>C108</b>	<b>TEXT LITERAL</b>		<b>C</b>	<b>1</b>
		Free text; one to five lines.			
<b>M</b>	<b>4440</b>	<b>Free text value</b>		<b>M</b>	<b>an..512</b>
		Free form text.			
		This element <b>MUST</b> be populated when Text Subject Code Qualifier (4451) = AAA, AAC, AAF, AAI, ABV or AES or Text Subject Code Qualifier (4451) = ACD or CHG and Free Text Value Code C107, 4441) is NOT populated or Text Subject Code Qualifier (4451) = CUS and Free Text Value Code C107, 4441) is populated with CCN or UCN or Text Subject Code Qualifier (4451) = CCI and Free Text Value Code C107, 4441) is populated with NVO			
		This element <b>MUST NOT</b> be populated when Text Subject Code Qualifier (4451) = CCI and Free Text Value Code C107, 4441) is populated with AMS. or Text Subject Code Qualifier (4451) = ACD and Free Text Value Code C107, 4441) is populated with CHG, EAV, HCV or SAV or Text Subject Code Qualifier (4451) = CHG and Free Text Value Code C107, 4441) is populated with PCR, DOC or RLD			
	<b>4440</b>	<b>Free text value</b>		<b>C</b>	<b>an..512</b>
		Free form text.			
		This element <b>MAY</b> only be populated when Text Subject Code Qualifier (4451) = AAA, AAC, AAF, AAI, ABV, ACD, AES or CHG and Free Text Value Code (C107, 4441) is not populated .  This element <b>MUST NOT</b> be populated when Text Subject Code Qualifier (4451) = CCI or CUS or Text Subject Code Qualifier (4451) = ACD or CHG and Free Text Value Code (C107, 4441) is populated .			
<b>X</b>	<b>4440</b>	<b>Free text value</b>		<b>C</b>	<b>an..512</b>
<b>X</b>	<b>4440</b>	<b>Free text value</b>		<b>C</b>	<b>an..512</b>
<b>X</b>	<b>4440</b>	<b>Free text value</b>		<b>C</b>	<b>an..512</b>
<b>X</b>	<b>3453</b>	<b>LANGUAGE NAME CODE</b>		<b>C</b>	<b>1 an..3</b>
<b>X</b>	<b>4447</b>	<b>TEXT FORMATTING, CODED</b>		<b>C</b>	<b>1 an..3</b>

**Segment:** **GDS** Nature of Cargo  
**Position:** 0090  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 4  
**Purpose:** A segment to describe the nature of cargo.

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

GDS+11

Only one of each Nature of Cargo code (C703, 7085) may be sent.

#### Data Element Summary

Attributes	Data	Component		Req/Repeat/Repr
	<u>Element</u>	<u>Element</u>	<u>Name</u>	
M	C703		<b>NATURE OF CARGO</b>	M 1
			Rough classification of a type of cargo.	
M		7085	<b>Nature of cargo, coded</b>	M an..3
			Code indicating the type of cargo as a rough classification.	
			Accepted Values:	
		5	Other non-containerized Non-containerized cargo which cannot be categorized by any of the other nature of cargo code. OOG Freight (out of gauge).	
		11	Hazardous cargo Cargo with dangerous properties, according to appropriate dangerous goods regulations.	
		14	Temperature controlled cargo Cargo transported under specified temperature conditions.	
		15	Environmental pollutant cargo Cargo is an environmental pollutant.	
X		1131	<b>Code list identification code</b>	C an..3
X		3055	<b>Code list responsible agency code</b>	C an..3

**Group:** **LOC** Segment Group 1: Place/Location Identification  
**Position:** 0100  
**Group:**  
**Level:** 1  
**Usage:** Optional (Optional)  
**Max Use:** 4  
**Purpose:** A group of segments to specify locations and related date(s)/time(s) which apply to the entire message, e.g. place of transshipment.

**Segment Summary**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
M	0110	LOC	Place/Location Identification	M	1	
	0120	DTM	Date/Time/Period	C	2	

**Segment:** **LOC** Place/Location Identification  
**Position:** 0110 (Trigger Segment)  
**Group:** Segment Group 1 (Place/Location Identification) Optional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a location applying to the entire message.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

LOC+10+NLRM:181:6  
and  
LOC+125+GBLIV:181:6:LIVERPOOL+GB:162:5  
and  
LOC+24+GLJNN:181:6:NANORTALIK+GL:162:5  
and  
LOC+87+USBOS:181:6:BOSTON

Only one of each type of location function qualifier must be sent per transaction.

For each location, either Location code (C517, 3225) or Location name (C517, 3224) must be provided.

First Foreign Port/Place of Acceptance (3227 = 10).

Final Port for AMS Documentation (3227 = 24).

First US Port Visited (3227 = 87).

Last Non-US Port Visited (3227 = 125).

**Data Element Summary**

Attributes	Data	Component		
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>
M	3227		<b>LOCATION FUNCTION CODE QUALIFIER</b>	<b>M 1 an..3</b>
			Code identifying the function of a location.	
			Accepted Values:	
		10	Place of acceptance (3348) Place at which the goods are taken over by the carrier.	
		24	First Foreign Port/Place of Acceptance Port of entry Port where final documentation is filed for Customs Entry processing.	
		87	Final Port for AMS Documentation Place/port of conveyance initial arrival Place/port in the country of destination where the conveyance initially arrives from the "Last place/port of call of conveyance" (125).	
		125	First US Port Visited Last place/port of call of conveyance Conveyance departed from this last foreign place/port of call to go to "Place/port of conveyance initial arrival" (87).	
M	C517		<b>LOCATION IDENTIFICATION</b>	<b>M 1</b>

		Identification of a location by code or name.		
	<b>3225</b>	<b>Location name code</b>	<b>C</b>	<b>an..25</b>
		Code specifying the name of the location.		
	<b>1131</b>	<b>Code list identification code</b>	<b>C</b>	<b>an..3</b>
		Identification of a code list.		
		If C517, 3225 is populated this element must also be sent.		
		Accepted Values:		
		181 Activity		
		Code identifying activities.		
	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the agency responsible for a code list.		
		If C517, 3225 is populated this element must also be sent.		
		Accepted Values:		
		6 UN/ECE (United Nations - Economic Commission for Europe)		
		87 Assigned by carrier		
		Codes assigned by the carrier.		
		Codes assigned by MSC		
	<b>3224</b>	<b>Location name</b>	<b>C</b>	<b>an..256</b>
		Name of the location.		
<b>C519</b>		<b>RELATED LOCATION ONE IDENTIFICATION</b>	<b>C</b>	<b>1</b>
		Identification the first related location by code or name.		
	<b>3223</b>	<b>Related place/location one identification</b>	<b>C</b>	<b>an..25</b>
		Specification of the first related place/location by code.		
		Valid 2 Character ISO Country		
	<b>1131</b>	<b>Code list identification code</b>	<b>C</b>	<b>an..3</b>
		Identification of a code list.		
		If C519, 3223 is populated this element must also be sent.		
		Accepted Values:		
		162 Country		
		Identification of a country.		
	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the agency responsible for a code list.		
		If C519, 3223 is populated this element must also be sent.		
		Accepted Values:		
		5 ISO (International Organization for Standardization)		
	<b>3222</b>	<b>Related place/location one</b>	<b>C</b>	<b>an..70</b>
		Specification of the first related place/location by name.		
		Country Name		
<b>C553</b>		<b>RELATED LOCATION TWO IDENTIFICATION</b>	<b>C</b>	<b>1</b>
		Identification of second related location by code or name.		
<b>X</b>	<b>3233</b>	<b>Related place/location two identification</b>	<b>C</b>	<b>an..25</b>
<b>X</b>	<b>1131</b>	<b>Code list identification code</b>	<b>C</b>	<b>an..3</b>
<b>X</b>	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C</b>	<b>an..3</b>
	<b>3232</b>	<b>Related place/location two</b>	<b>C</b>	<b>an..70</b>
		Specification of a second related place/location by name.		
		State/Province code or name.		
<b>X</b>	<b>5479</b>	<b>RELATION, CODED</b>	<b>C</b>	<b>1 an..3</b>

**Segment:** **DTM** Date/Time/Period  
**Position:** 0120  
**Group:** Segment Group 1 (Place/Location Identification) Optional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A segment to indicate date(s) and time(s) relating to the location.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

DTM+132:20070522:102  
or  
DTM+150:200705021300:203

Estimated arrival date at first US Port.(C507, 2005 = 132) Must only be sent if the preceding LOC 3227 = 87.

AMS filing due date.(C507, 2005 = 150) Must only be sent if the preceding LOC 3227 = 24.

Only one of each type of date qualifier must be sent per transaction.

Date must be within 400 days of the current date.

Date/Time (C507, 2380) must be consistent with Date/time format code (C507, 2379).

If time is sent it is assumed to be local time at the location identified in the preceding LOC segment.

**Data Element Summary**

Attributes		Data	Component		
		<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>
M		C507		DATE/TIME/PERIOD	M 1
				Date and/or time, or period relevant to the specified date/time/period type.	
M			2005	Date/time/period function code qualifier	M an..3
				Code giving specific meaning to a date, time or period.	
				Accepted Values:	
				132 Arrival date/time, estimated (2348) Date/time when carrier estimates that a means of transport should arrive at the port of discharge or place of destination. At first US Port.	
				150 Declaration/presentation date Date when item has been or has to be declared/presented. Date AMS Filing is Due.	
M			2380	Date/time/period value	M an..35
				The value of a date, a date and time, a time or of a period in a specified representation.	
M			2379	Date/time/period format code	M an..3
				Code specifying the representation of a date, time or period.	
				Date/Time (C507, 2380) must be consistent with the code sent in this element.	
				Accepted 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.

**Group:** **RFF** Segment Group 2: Reference  
**Position:** 0130  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 99  
**Purpose:** A group of segments containing a reference and constants which apply to the entire message.

**Segment Summary**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
M	0140	RFF	Reference	M	1	
	0150	DTM	Date/Time/Period	C	2	

**Segment:** **RFF** Reference  
**Position:** 0140 (Trigger Segment)  
**Group:** Segment Group 2 (Reference) Conditional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1

**Purpose:** A segment to express a reference which applies to the entire message such as: the document/message number that is to be updated by this very message (according to data element 1225 Message function code in segment BGM), booking reference, order number, insurance contract, etc.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

RFF+BN:CARRIER BOOKING NBR'

For carrier Cancellation/Decline (0020 BGM 1225 = 1) only segments with Reference Qualifiers (C506, 1153) BN will be sent.

BN (Carrier Booking Number) is mandatory when message function code (0020 BGM, 1225) is 6 (confirmation) and response type code (0020 BGM, 4343) is AP (accepted) or CA (conditionally accepted).

BN (Carrier Booking Number) must be unique among all active and replaced bookings for the carrier.

Only one of AFG (Tariff Number), AGE (Agents Reference), BN (Booking Number), CT (Contract Number)/LI (contract Line Item Number), EX (Export License) will be sent.

Multiple occurrences of all other references may be provided as follows: Any combination of CN (Local Booking Number), BM (Bill of Lading) and RE (Release Number) up to 30 occurrences. Any combination of AGB (Contract Party reference), AKG (Vehicle ID number), ANT (Consignee's reference), FF (Freight Forwarder's reference), ON (Purchase Order number) and SI (Shipper's reference number) up to 60 occurrences.

AFG (Tariff Number) and CT (Contract Reference Number) are mutually exclusive.

LI (Contract Line Item Number) must only be transmitted if CT (Contract Number) is provided.

Any reference sent here must not appear at any other level in this transaction.

**Data Element Summary**

Attributes	Data	Component		
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>
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.	
			Accepted Values:	
		AFG	Tariff number	
			Freight 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.	

			<b>Outbound Booking Agent Reference</b>		
	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.		
			<b>Carrier Booking Number</b>		
	CN		Carrier's reference number Reference number assigned by carrier to a consignment.		
			<b>Local Booking Number</b>		
	CT		Contract number Reference number of a contract concluded between parties.		
			<b>Contract/Quote Number</b>		
	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.		
			<b>Contract Line Item Number Must only be provided when CT (Contract Number) is provided.</b>		
	ON		Order number (purchase) [1022] Reference number assigned by the buyer to an order.		
	RE		Release number Reference number assigned to identify a release of a set of rules, conventions, conditions, etc.		
	SI		SID (Shipper's identifying number for shipment) Description to be provided.		

<b>M</b>	<b>1154</b>	<b>Reference identifier</b> Identifies a reference.	<b>M</b>	<b>an..35</b>
<b>X</b>	<b>1156</b>	<b>Line number</b>	<b>C</b>	<b>an..6</b>
<b>X</b>	<b>4000</b>	<b>Reference version identifier</b>	<b>C</b>	<b>an..35</b>
<b>X</b>	<b>1060</b>	<b>Revision number</b>	<b>C</b>	<b>an..6</b>

**Segment:** **DTM** Date/Time/Period  
**Position:** 0150  
**Group:** Segment Group 2 (Reference) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A segment to indicate date and time relating to the reference.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

DTM+182:20070426:102  
or  
DTM+36:20071126:102

**Notes:**

- This DTM is used only for Export License Dates and must immediately follow Export License Number (segment RFF C506, 1153 = "EX").
- Issue date must not be more than 2 years prior to current date.
- Expiration date must not be more than 2 years after current date.
- If sent, Date must be valid according to format code '102'.

**Data Element Summary**

Attributes	Data	Component		
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>
M	C507		DATE/TIME/PERIOD	M 1
			Date and/or time, or period relevant to the specified date/time/period type.	
M		2005	Date/time/period function code qualifier	M an..3
			Code giving specific meaning to a date, time or period.	
			Accepted Values:	
			36	Expiry date
				Date of expiry of the validity of a referenced document, price information or any other referenced data element with a limited validity period.
			182	Issue date
				Date when a document/message has been or will be issued.
M		2380	Date/time/period value	M an..35
			The value of a date, a date and time, a time or of a period in a specified representation.	
M		2379	Date/time/period format code	M an..3
			Code specifying the representation of a date, time or period.	
			Accepted Values:	
			102	CCYYMMDD
				Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.

**Segment:** **TCC** Transport Charge/Rate Calculations  
**Position:** 0160  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 6  
**Purpose:** A segment to provide information on the charges associated with the transport.

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

TCC+4:ZZZ or TCC+2:ZZZ::ADDITIONAL CHARGE INFO

Acknowledgement of Receipt of advisory charge information and/or Confirmation of Booking Requests or amendments that include advisory charge information does not constitute Carrier acceptance of the charges in any form.

Access to Charge information provided in the segment will be limited to Carrier and Booking party on the booking.

Only one occurrence of each charge will be sent.

If Charge Code 1 (All Charges) is sent no other charge codes may be sent.

#### Data Element Summary

Attributes	Data Element	Component	Name	Req/Repeat/Repr
M	<u>C200</u>		<u>CHARGE</u>	M 1
			Identification of a charge by code and/or by name.	
M		8023	<b>Freight and charges identification</b>	M an..17
			Coded description of freight charges and other charges (used in combination with 1131/3055).	
			Accepted Values:	
			1 All Charges Mutually exclusive of all other charge codes.	
			2 Additional Charges	
			4 Basic Freight	
			5 Destination Haulage Charges	
			7 Destination Port Charges	
			10 Origin Port Charges	
			11 Origin Haulage Charges	
M		1131	<b>Code list identification code</b>	M an..3
			Identification of a code list.	
			If C200, 8023 is populated then this element must also be sent.	
			Accepted Values:	
			ZZZ Mutually defined	
X		3055	<b>Code list responsible agency code</b>	C an..3
		8022	<b>Freight and charges</b>	C an..26
			Plain language statement describing freight and other charges.	
X		4237	<b>Prepaid/collect indicator, coded</b>	C an..3
X		7140	<b>Item number</b>	C an..35
X	C203		<b>RATE/TARIFF CLASS</b>	C 1
			Identification of the applicable rate/tariff class.	
X		5243	<b>Rate/tariff class identification</b>	M an..9

X		1131	Identification of the rate/tariff class. <b>Code list identification code</b>	C	an..3
X		3055	Identification of a code list. <b>Code list responsible agency code</b>	C	an..3
X		5242	Code specifying the agency responsible for a code list. <b>Rate/tariff class</b>	C	an..35
X		5275	Description of applicable rate/tariff class. <b>Supplementary rate/tariff basis identification</b>	C	an..6
X		1131	Code identifying supplementary rate/tariff. <b>Code list identification code</b>	C	an..3
X		3055	Identification of a code list. <b>Code list responsible agency code</b>	C	an..3
X		5275	Code specifying the agency responsible for a code list. <b>Supplementary rate/tariff basis identification</b>	C	an..6
X		1131	Code identifying supplementary rate/tariff. <b>Code list identification code</b>	C	an..3
X		3055	Identification of a code list. <b>Code list responsible agency code</b>	C	an..3
X	C528		Code specifying the agency responsible for a code list. <b>COMMODITY/RATE DETAIL</b>	C	1
X		7357	Identification of commodity/rates. <b>Commodity/rate identification</b>	C	an..18
X		1131	Code identifying goods for Customs, transport or statistical purposes (generic term). <b>Code list identification code</b>	C	an..3
X		3055	Identification of a code list. <b>Code list responsible agency code</b>	C	an..3
X	C554		Code specifying the agency responsible for a code list. <b>RATE/TARIFF CLASS DETAIL</b>	C	1
X		5243	Identification of the applicable rate/tariff class. <b>Rate/tariff class identification</b>	C	an..9
X		1131	Identification of the rate/tariff class. <b>Code list identification code</b>	C	an..3
X		3055	Identification of a code list. <b>Code list responsible agency code</b>	C	an..3
X			Code specifying the agency responsible for a code list.		

**Group:** **TDT** Segment Group 3: Details of Transport

**Position:** 0170

**Group:**

**Level:** 1

**Usage:** Conditional (Optional)

**Max Use:** 99

**Purpose:** A group of segments to indicate details of the movement of goods such as mode and means of transport, locations, departure, and arrival date(s) and time(s).

#### Segment Summary

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	0180	TDT	Details of Transport	M	1	
	0210		Segment Group 4: Place/Location Identification	C		2



**Segment: TDT Details of Transport****Position:** 0180 (Trigger Segment)**Group:** Segment Group 3 (Details of Transport) Conditional (Optional)**Level:** 1**Usage:** Mandatory**Max Use:** 1**Purpose:** A segment to indicate information related to a certain stage of the transport, such as mode, means and carrier.**Dependency Notes:****Semantic Notes:****Comments:****Notes:**

TDT+10++2  
 or  
 TDT+20+VOYAGENUM+1+13:OCEANVESSEL+SCAC:172:182+++LLOYD::11:VE  
 SSELNAME:DE  
 or  
 TDT+30++3++SCAC:172:182

**Data Element Summary**

Attributes	Data	Component			
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>	
M	8051		<b>TRANSPORT STAGE CODE QUALIFIER</b> Code qualifying a specific stage of transport. Accepted Values:	M	1 an..3
			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		<b>CONVEYANCE REFERENCE NUMBER</b> Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term). Voyage Number, Train Number, etc.	C	1 an..17
	C220		<b>MODE OF TRANSPORT</b> Method of transport code or name. Code preferred.	C	1
		8067	<b>Transport mode name code</b> Code specifying the name of a mode of transport. Accepted Values:	C	an..3
			1 Maritime transport		
			2 Rail transport		
			3 Road transport		
			8 Inland water transport		
			23 Rail/road		
			28 Rail/water		
			38 Road/water		
X		8066	<b>Transport mode name</b>	C	an..17
	C228		<b>TRANSPORT MEANS</b> Code and/or name identifying the type of means of transport.	C	1
		8179	<b>Transport means description code</b> Code specifying the means of transport.	C	an..8

		Accepted 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.
	<b>8178</b>	<b>Transport means description</b>	<b>C an..17</b>
		Free form description of the means of transport.	
	<b>C040</b>	<b>CARRIER</b>	<b>C 1</b>
		Identification of a carrier by code and/or by name. Code preferred.	
<b>M</b>	<b>3127</b>	<b>Carrier identification</b>	<b>M an..17</b>
		Identification of party undertaking or arranging transport of goods between named points.	
		<b>MSCU</b>	
<b>M</b>	<b>1131</b>	<b>Code list identification code</b>	<b>M an..3</b>
		Identification of a code list.	
		Accepted Values:	
		172	Carriers Code list identifying carriers.
<b>M</b>	<b>3055</b>	<b>Code list responsible agency code</b>	<b>M an..3</b>
		Code specifying the agency responsible for a code list.	
		Accepted Values:	
		182	US, Standard Carrier Alpha Code (Motor) Organisation maintaining the SCAC lists and transportation operating in North America.
<b>X</b>		<b>3128</b>	<b>Carrier name</b> <b>C an..35</b>
<b>X</b>	<b>8101</b>	<b>TRANSIT DIRECTION INDICATOR CODE</b>	<b>C 1 an..3</b>
<b>X</b>	<b>C401</b>	<b>EXCESS TRANSPORTATION INFORMATION</b>	<b>C 1</b>
		To provide details of reason for, and responsibility for, use of transportation other than normally utilized.	
<b>X</b>		<b>8457</b>	<b>Excess transportation reason, coded</b> <b>M an..3</b>
		Indication of reason for excess transportation.	
<b>X</b>		<b>8459</b>	<b>Excess transportation responsibility, coded</b> <b>M an..3</b>
		Indication of responsibility for excess transportation.	
<b>X</b>		<b>7130</b>	<b>Customer authorization number</b> <b>C an..17</b>
		Customer provided authorization number to allow supplier to ship goods under specific freight conditions. This number will be transmitted back to customer in the dispatch advice message.	
	<b>C222</b>	<b>TRANSPORT IDENTIFICATION</b>	<b>C 1</b>
		Code and/or name identifying the means of transport.	
	<b>8213</b>	<b>Transport means identification name identifier</b>	<b>C an..9</b>
		Identifies the name of the transport means.	
		<b>Lloyd's Code</b>	
<b>X</b>	<b>1131</b>	<b>Code list identification code</b>	<b>C an..3</b>
	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C an..3</b>

Code specifying the agency responsible for a code list.

If C222,8213 is populated this element must also be sent.

Accepted Value:

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.

Valid 2 Character ISO Country Code of Ship's Registry

**X 8281 TRANSPORT OWNERSHIP, CODED C 1 an..3**

**Group:** **LOC** Segment Group 4: Place/Location Identification  
**Position:** 0210  
**Group:** Segment Group 3 (Details of Transport) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A group of segments to specify a location and date/time related to this leg of transport.

**Segment Summary**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
M	0220	LOC	Place/Location Identification	M	1	
	0230	DTM	Date/Time/Period	C	2	

**Segment:** **LOC** Place/Location Identification  
**Position:** 0220 (Trigger Segment)  
**Group:** Segment Group 4 (Place/Location Identification) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to indicate a location such as origin, destination, stop off, etc. related to this leg of transport.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

LOC+9+USELZ:139:6 or LOC+11+NLRM:139:6:ROTTERDAM+NL:162:5

For each location, either Location code (C517, 3225) or Location name (C517, 3224) must be provided.

#### Data Element Summary

Attributes	Data	Component			
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>	
M	3227		<b>LOCATION FUNCTION CODE QUALIFIER</b> Code identifying the function of a location. Accepted Values:	M	1 an..3
		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.		
M	C517		<b>LOCATION IDENTIFICATION</b> Identification of a location by code or name.	M	1
		3225	<b>Location name code</b> Code specifying the name of the location.	C	an..25
		1131	<b>Code list identification code</b> Identification of a code list. If C517, 3225 is populated this element must also be sent.	C	an..3
			Accepted Value:		
		139	Port A location having facilities for means of transport to load or discharge cargo.		
		3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list. If C517, 3225 is populated this element must also be sent.	C	an..3
			Accepted Values:		
		6	UN/ECE (United Nations - Economic Commission for Europe)		
		87	Assigned by carrier Codes assigned by the carrier.		

Codes assigned by MSC

	<b>3224</b>	<b>Location name</b>	<b>C</b>	<b>an..256</b>
		Name of the location.		
<b>C519</b>		<b>RELATED LOCATION ONE IDENTIFICATION</b>	<b>C</b>	<b>1</b>
		Identification the first related location by code or name.		
	<b>3223</b>	<b>Related place/location one identification</b>	<b>C</b>	<b>an..25</b>
		Specification of the first related place/location by code.		
		Valid 2 Character ISO Country Code		
	<b>1131</b>	<b>Code list identification code</b>	<b>C</b>	<b>an..3</b>
		Identification of a code list.		
		If C519, 3223 is populated this element must also be sent.		
		Accepted Values:		
		162 Country		
		Identification of a country.		
	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the agency responsible for a code list.		
		If C519, 3223 is populated this element must also be sent.		
		Accepted Values:		
		5 ISO (International Organization for Standardization)		
	<b>3222</b>	<b>Related place/location one</b>	<b>C</b>	<b>an..70</b>
		Specification of the first related place/location by name.		
		Country Name		
<b>C553</b>		<b>RELATED LOCATION TWO IDENTIFICATION</b>	<b>C</b>	<b>1</b>
		Identification of second related location by code or name.		
<b>X</b>	<b>3233</b>	<b>Related place/location two identification</b>	<b>C</b>	<b>an..25</b>
<b>X</b>	<b>1131</b>	<b>Code list identification code</b>	<b>C</b>	<b>an..3</b>
<b>X</b>	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C</b>	<b>an..3</b>
	<b>3232</b>	<b>Related place/location two</b>	<b>C</b>	<b>an..70</b>
		Specification of a second related place/location by name.		
		State/Province code or name.		
<b>X</b>	<b>5479</b>	<b>RELATION, CODED</b>	<b>C</b>	<b>1 an..3</b>

**Segment:** **DTM** Date/Time/Period  
**Position:** 0230  
**Group:** Segment Group 4 (Place/Location Identification) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**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.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

DTM+132:20070424:102  
or  
DTM+180:200704291200:203  
or  
DTM+133:200704010400:203

Date must be within 400 days of the current date.

If time is sent it is assumed to be local time at the location identified in the preceding LOC segment.

**Data Element Summary**

Attributes	Data	Component			
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>	
M	C507		DATE/TIME/PERIOD	M	1
			Date and/or time, or period relevant to the specified date/time/period type.		
M		2005	Date/time/period function code qualifier	M	an..3
			Code giving specific meaning to a date, time or period.		
			Accepted Values:		
		132	Arrival date/time, estimated (2348) Date/time when carrier estimates that a means of transport should arrive at the port of discharge or place of destination. May only be sent if the preceding LOC segment is qualified as 11 (place/port of discharge).		
		133	Departure date/time, estimated Date/time when carrier estimates that a means of transport should depart at the place of departure. May only be sent if the preceding LOC segment is qualified as 9 (place/port of loading).		
		180	Closing date/time Final date for delivering cargo to a liner ship. May only be sent if the preceding LOC segment is qualified as 9 (place/port of loading).		
M		2380	Date/time/period value	M	an..35
			The value of a date, a date and time, a time or of a period in a specified representation.		
M		2379	Date/time/period format code	M	an..3
			Code specifying the representation of a date, time or period. Date/Time (C507, 2380) must be consistent with the code sent in this element.		
			Accepted Values:		
		102	CCYYMMDD		

203

Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.

CCYYMMDDHHMM

Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.



**Group:** **NAD** Segment Group 6: Name and Address  
**Position:** 0270  
**Group:**  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 12  
**Purpose:** A group of segments to identify a party, related references, locations contacts, required documents, and charges to be paid by the party.

**Segment Summary**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
M	0280	NAD	Name and Address	M	1	
	0300		Segment Group 7: Contact Information	C		9

**Segment:** **NAD** Name and Address  
**Position:** 0280 (Trigger Segment)  
**Group:** Segment Group 6 (Name and Address) Mandatory  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify the party's name, address, and function.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

NAD+CA+SCAC:160:87+CARRIER  
or  
NAD+CZ+8098:160:192+SHIPPER:300 M ST DETRIOT, MI 13080 US  
or  
NAD+CZ+INTSHPCD:160:192+SHIPPER NAME:3 M ST:DETROIT, MI+++++06785  
or  
NAD+CN+CARCD008:160:87+CONSIGNEE:46 MAIN ST BERLIN DE  
or  
NAD+NI+MDCD1238:160:ZZZ  
or  
NAD+NI+DUNS:160:16

Only one of each party type will be allowed per transaction.

CA (Carrier) is Mandatory,

#### Data Element Summary

Attributes	Data	Component		
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>
M	3035		<b>PARTY FUNCTION CODE QUALIFIER</b>	<b>M 1 an..3</b>
			Code giving specific meaning to a party.	
			Accepted Values:	
		BO	Broker or sales office Party acting in the name of the seller as broker or as sales office. Used to provide address and contact details for Carrier Booking Office handling this booking.	
		CA	Carrier (3126) Party undertaking or arranging transport of goods between named points.	
		CN	Consignee (3132) Party to which goods are consigned.	
		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.	
		FC	Contractor, main Firm or grouping of co-contractors which has been awarded the contract. Contract Party	
		FP	Freight/charges payer Party responsible for the payment of freight.	
		FW	Freight forwarder Party arranging forwarding of goods.	
		NI	Notify party no. 1	

			The first party which is to be notified.		
		N2	Notify party no. 2		
			The second party which is to be notified.		
		NI	Notify party		
			(3180) Party to be notified of arrival of goods.		
			Main Notify Party		
		ZZZ	Mutually defined		
			Party specification mutually agreed between interchanging parties.		
			Booking Party		
	<b>C082</b>		<b>PARTY IDENTIFICATION DETAILS</b>	<b>C</b>	<b>1</b>
			Identification of a transaction party by code.		
<b>M</b>		<b>3039</b>	<b>Party identifier</b>	<b>M</b>	<b>an..35</b>
			Code specifying the identity of a party.		
<b>M</b>		<b>1131</b>	<b>Code list identification code</b>	<b>M</b>	<b>an..3</b>
			Identification of a code list.		
			Accepted Values:		
		160	Party identification		
			Identification of parties, corporates, etc.		
<b>M</b>		<b>3055</b>	<b>Code list responsible agency code</b>	<b>M</b>	<b>an..3</b>
			Code specifying the agency responsible for a code list.		
			Accepted Values:		
		16	US, D&B (Dun & Bradstreet Corporation)		
			Identifies the Dun & Bradstreet Corporation, United States.		
			Duns number		
		87	Assigned by carrier		
			Codes assigned by the carrier.		
			Must be a valid carrier assigned alias		
		ZZZ	Mutually defined		
			Pass through code. Mutually agreed between Customer and Carrier.		
	<b>C058</b>		<b>NAME AND ADDRESS</b>	<b>C</b>	<b>1</b>
			Unstructured name and address: one to five lines.		
<b>M</b>		<b>3124</b>	<b>Name and address line</b>	<b>M</b>	<b>an..35</b>
			Free form name and address description.		
		<b>3124</b>	<b>Name and address line</b>	<b>C</b>	<b>an..35</b>
			Free form name and address description.		
		<b>3124</b>	<b>Name and address line</b>	<b>C</b>	<b>an..35</b>
			Free form name and address description.		
		<b>3124</b>	<b>Name and address line</b>	<b>C</b>	<b>an..35</b>
			Free form name and address description.		
		<b>3124</b>	<b>Name and address line</b>	<b>C</b>	<b>an..35</b>
			Free form name and address description.		
<b>X</b>	<b>C080</b>		<b>PARTY NAME</b>	<b>C</b>	<b>1</b>
			Identification of a transaction party by name, one to five lines. Party name may be formatted.		
<b>X</b>		<b>3036</b>	<b>Party name</b>	<b>M</b>	<b>an..35</b>
			Name of a party involved in a transaction.		
<b>X</b>		<b>3036</b>	<b>Party name</b>	<b>C</b>	<b>an..35</b>
			Name of a party involved in a transaction.		
<b>X</b>		<b>3036</b>	<b>Party name</b>	<b>C</b>	<b>an..35</b>

X			Name of a party involved in a transaction.		
		<b>3036</b>	<b>Party name</b>	C	<b>an..35</b>
X			Name of a party involved in a transaction.		
		<b>3036</b>	<b>Party name</b>	C	<b>an..35</b>
X			Name of a party involved in a transaction.		
		<b>3045</b>	<b>Party name format code</b>	C	<b>an..3</b>
	<b>C059</b>		Code specifying the representation of a party name.		
			<b>STREET</b>	C	<b>1</b>
M			Street address and/or PO Box number in a structured address: one to four lines.		
		<b>3042</b>	<b>Street and number/p.o. box</b>	M	<b>an..35</b>
			Street and number in plain language, or Post Office Box No.		
		<b>3042</b>	<b>Street and number/p.o. box</b>	C	<b>an..35</b>
			Street and number in plain language, or Post Office Box No.		
X			<b>3042</b> <b>Street and number/p.o. box</b>	C	<b>an..35</b>
X			<b>3042</b> <b>Street and number/p.o. box</b>	C	<b>an..35</b>
X	<b>3164</b>		<b>CITY NAME</b>	C	<b>1 an..35</b>
X	<b>C819</b>		<b>COUNTRY SUB-ENTITY DETAILS</b>	C	<b>1</b>
			To specify a part of a country (eg county or part of a city).		
X			<b>3229</b> <b>Country sub-entity name code</b>	C	<b>an..9</b>
			Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.		
X			<b>1131</b> <b>Code list identification code</b>	C	<b>an..3</b>
			Identification of a code list.		
X			<b>3055</b> <b>Code list responsible agency code</b>	C	<b>an..3</b>
			Code specifying the agency responsible for a code list.		
X			<b>3228</b> <b>Country sub-entity name</b>	C	<b>an..35</b>
			Name of sub-entities (state, province) defined by appropriate governmental agencies.		
	<b>3251</b>		<b>POSTAL IDENTIFICATION CODE</b>	C	<b>1 an..17</b>
			Code specifying the postal zone or address.		
	<b>3207</b>		<b>COUNTRY NAME CODE</b>	C	<b>1 an..3</b>
			Identification of the name of the country or other geographical entity as specified in ISO 3166.		
			Valid 2 Character ISO Country Code.		

**Group:** **CTA** Segment Group 7: Contact Information  
**Position:** 0300  
**Group:** Segment Group 6 (Name and Address) Mandatory  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 9  
**Purpose:** A group of segments to identify a contact and its communications related to the party.

**Segment Summary**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
M	0310	CTA	Contact Information	M	1	
M	0320	COM	Communication Contact	M	9	

**Segment:** **CTA** Contact Information  
**Position:** 0310 (Trigger Segment)  
**Group:** Segment Group 7 (Contact Information) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a person or department within the party.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

CTA+IC+:JOHN WILLIAMS  
 or  
 CTA+NT+:NOTIFY PARTY CONTACT

Spaces and/or dots alone will not be accepted for Contact Name (C056, 3412).

**Data Element Summary**

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

**Segment:** **COM** Communication Contact  
**Position:** 0320  
**Group:** Segment Group 7 (Contact Information) Conditional (Optional)  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 9  
**Purpose:** A segment to identify a communication number of a person or department to whom communication should be directed.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

COM+388 3748876:TE  
 or  
 COM+customer@company.com:EM

**Data Element Summary**

Attributes	Data	Component		
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>
M	C076		COMMUNICATION CONTACT	M 1
			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.	
			Accepted Values:	
		EM	Electronic mail Exchange of mail by electronic means. Email address is subject to validation as outlined in the preamble of this document.	
		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. Must not be populated with spaces and/or dots alone.	
		TE	Telephone Voice/data transmission by telephone. Must not be populated with spaces and/or dots alone.	

**Group:** **GID** Segment Group 9: Goods Item Details  
**Position:** 0390  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 999  
**Purpose:** A group of segments to describe the goods items for which transport is undertaken.

**Segment Summary**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
M	0400	GID	Goods Item Details	M	1	
	0460	FTX	Free Text	C	5	
	0520		Segment Group 11: Measurements	C		2
	0550		Segment Group 12: Dimensions	C		1
	0580		Segment Group 13: Reference	C		9
	0640		Segment Group 15: Dangerous Goods	C		99



**Segment: GID Goods Item Details****Position:** 0400 (Trigger Segment)**Group:** Segment Group 9 (Goods Item Details) Conditional (Optional)**Level:** 1**Usage:** Mandatory**Max Use:** 1**Purpose:** A segment to identify a goods item for which transport is undertaken. A goods item can be identified by up to three levels of packaging.**Dependency Notes:****Semantic Notes:****Comments:****Notes:**

If header level Summary Commodity Description is sent then GID information must not be sent in the transaction.

GID+1+50:CT:67:6:CARTON'

GID+1+0:CT:67:6'

GID+1'

The GID segment is used to report commodity level packaging.

The total number of Pack Composites MUST not exceed 999 per transaction.

**Notes:**

- A GID Set is a group of GID lines identified by a unique GID Sequence number (element 1496)

- Each new GID set will begin with an Outer Pack Composite.

- Only one Outer Pack Composite will be sent per GID set.

- Every C213 Pack Composite provided will have either a valid package code, or package description, as well as the number of packages. MSC allows for a GID segment to be sent without package code/package description and number of packages (i.e. send as GID+1, GID+2) but if multiple package levels (i.e. inner and inner-inner packaging) are sent, then the package code or description and number of packages must be provided for all the package level.

- An Outer Pack Composite must precede an Inner Pack Composite and an Inner Pack Composite must precede an Inner-Inner Pack Composite.

**Recommended GID construct:**

GID+1+55000:CT:67:6:CARTON (Outer Pack Composite)

FTX+AAA+++BALL BEARINGS (commodity description)

MEA+AAE+G+KGM:45673 (weight of outer pack)

**Data Element Summary**

Attributes	Data	Component			
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>	
M	1496		<b>GOODS ITEM NUMBER</b>	M	1 n..5
			Serial number differentiating each separate goods item entry of a consignment as contained in one document/declaration.		
	C213		<b>NUMBER AND TYPE OF PACKAGES</b>	C	1
			Number and type of individual parts of a shipment.		
			Used to indicate the Outer package type and quantity.		
		7224	<b>Number of packages</b>	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.		
			Number of Outer Packages.		
			Note: Must be a valid whole number (no commas or decimals).		

If Package Code (C213:7065) or Package Description (C213:7064) is provided then Number of Packages (C213:7224) must be provided.

For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels

**7065 Package type description code C an..17**

Code specifying the type of package.

Two-character UN/ECE recommendation 21, revision 4 package codes.

If Number of Packages (C213:7224) is provided then either Package Code (C213:7065) or Package Description (C213:7064) must be provided.

For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.

**1131 Code list identification code C an..3**

Identification of a code list.

If C213, 7065 is populated this element must also be sent

Accepted Values:

67 Type of package

Indication of the type of package codes.

**3055 Code list responsible agency code C an..3**

Code specifying the agency responsible for a code list.

If C213, 7065 is populated this element must also be sent

Accepted Values:

6 UN/ECE (United Nations - Economic Commission for Europe)

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

Description of the form in which goods are presented.

Package type description.

If Number of Packages (C213:7224) is provided then either Package Code (C213:7065) or Package Description (C213:7064) must be provided.

For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.

**X C213 7233 Packaging related description code C an..3**

**NUMBER AND TYPE OF PACKAGES C 1**

Number and type of individual parts of a shipment.

Used to indicate the Inner package type and quantity.

**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.

Number of Inner Packages.

Note: Must be a valid whole number (no commas or decimals).

If Package Code (C213:7065) or Package Description (C213:7064) is provided then Number of Packages (C213:7224) must be provided.

For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels

**7065 Package type description code C an..17**

Code specifying the type of package.

Two-character UN/ECE recommendation 21, revision 4 package codes.

X

C213

		If Number of Packages (C213:7224) is provided then either Package Code (C213:7065) or Package Description (C213:7064) must be provided.		
		For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.		
1131	<b>Code list identification code</b>		<b>C</b>	<b>an..3</b>
		Identification of a code list.		
		If C213, 7065 is populated this element must also be sent		
		Accepted Values:		
		67 Type of package		
		Indication of the type of package codes.		
3055	<b>Code list responsible agency code</b>		<b>C</b>	<b>an..3</b>
		Code specifying the agency responsible for a code list.		
		If C213, 7065 is populated this element must also be sent		
		Accepted Values:		
		6 UN/ECE (United Nations - Economic Commission for Europe)		
7064	<b>Type of packages</b>		<b>C</b>	<b>an..35</b>
		Description of the form in which goods are presented.		
		Package type description.		
		If Number of Packages (C213:7224) is provided then either Package Code (C213:7065) or Package Description (C213:7064) must be provided.		
		For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.		
7233	<b>Packaging related description code</b>		<b>C</b>	<b>an..3</b>
		<b>NUMBER AND TYPE OF PACKAGES</b>	<b>C</b>	<b>1</b>
		Number and type of individual parts of a shipment.		
		Used to indicate the Inner-inner package type and quantity		
7224	<b>Number of packages</b>		<b>C</b>	<b>n..8</b>
		Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.		
		Number of Inner-inner Packages.		
		Note: Must be a valid whole number (no commas or decimals).		
		If Package Code (C213:7065) or Package Description (C213:7064) is provided then Number of Packages (C213:7224) must be provided.		
		For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.		
7065	<b>Package type description code</b>		<b>C</b>	<b>an..17</b>
		Code specifying the type of package.		
		Two-character UN/ECE recommendation 21, revision 4 package codes.		
		If Number of Packages (C213:7224) is provided then either Package Code (C213:7065) or Package Description (C213:7064) must be provided.		
		For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.		
1131	<b>Code list identification code</b>		<b>C</b>	<b>an..3</b>
		Identification of a code list.		
		If C213, 7065 is populated this element must also be sent		

		Accepted Values:	
		67	Type of package Indication of the type of package codes.
	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C an..3</b>
		Code specifying the agency responsible for a code list. If C213, 7065 is populated this element must also be sent	
		Accepted Values:	
		6	UN/ECE (United Nations - Economic Commission for Europe)
	<b>7064</b>	<b>Type of packages</b>	<b>C an..35</b>
		Description of the form in which goods are presented. Package type description. If Number of Packages (C213:7224) is provided then either Package Code (C213:7065) or Package Description (C213:7064) must be provided.	
		For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels. Not	
X		<b>7233</b>	<b>Packaging related description code</b> <b>C an..3</b>
X	<b>C213</b>	<b>NUMBER AND TYPE OF PACKAGES</b>	<b>C 1</b>
		Number and type of individual parts of a shipment.	
X		<b>7224</b>	<b>Number of packages</b> <b>C n..8</b>
		Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	
X		<b>7065</b>	<b>Package type description code</b> <b>C an..17</b>
		Code specifying the type of package.	
X		<b>1131</b>	<b>Code list identification code</b> <b>C an..3</b>
		Identification of a code list.	
X		<b>3055</b>	<b>Code list responsible agency code</b> <b>C an..3</b>
		Code specifying the agency responsible for a code list.	
X		<b>7064</b>	<b>Type of packages</b> <b>C an..35</b>
		Description of the form in which goods are presented.	
X		<b>7233</b>	<b>Packaging related description code</b> <b>C an..3</b>
		Code specifying information related to packaging.	
X	<b>C213</b>	<b>NUMBER AND TYPE OF PACKAGES</b>	<b>C 1</b>
		Number and type of individual parts of a shipment.	
X		<b>7224</b>	<b>Number of packages</b> <b>C n..8</b>
		Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	
X		<b>7065</b>	<b>Package type description code</b> <b>C an..17</b>
		Code specifying the type of package.	
X		<b>1131</b>	<b>Code list identification code</b> <b>C an..3</b>
		Identification of a code list.	
X		<b>3055</b>	<b>Code list responsible agency code</b> <b>C an..3</b>
		Code specifying the agency responsible for a code list.	
X		<b>7064</b>	<b>Type of packages</b> <b>C an..35</b>
		Description of the form in which goods are presented.	
X		<b>7233</b>	<b>Packaging related description code</b> <b>C an..3</b>
		Code specifying information related to packaging.	

**Segment:** **FTX** Free Text  
**Position:** 0460  
**Group:** Segment Group 9 (Goods Item Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 5  
**Purpose:** A segment to specify processable supplementary information relating to the goods item.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

FTX+AAA+++GOODS DESCRIPTION  
or  
FTX+CUS++UCN:110:ZZZ+857\_2938476  
or  
FTX+ADE++HC:169:ZZZ+HARMONIZED CODE  
or  
FTX+ADE++SB:76:ZZZ+SCHEDULE B NUMBER

If header level Summary Commodity Description is sent then GID information must not be sent in the transaction.

Only 1 occurrence of FTX+AAA may be sent per GID line.

Only 2 occurrences of FTX+CUS may be sent per GID line.

Only 2 occurrences of FTX+ADE may be sent per GID line.

**Data Element Summary**

Attributes		Data	Component		
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>	
M	4451		<b>TEXT SUBJECT CODE QUALIFIER</b>	M	1 an..3
			Code specifying the subject of the text.		
			Accepted 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).		
		ADE	Code value name Text subject is name of code value.		
		CUS	Commodity Classification Customs declaration information Note contains customs declaration information.		
X	4453		<b>TEXT FUNCTION, CODED</b>	C	1 an..3
	C107		<b>TEXT REFERENCE</b>	C	1
			Coded reference to a standard text and its source.		
M		4441	<b>Free text value code</b>	M	an..17
			Code specifying free form text.		
			This element must be populated when Text Subject Code Qualifier (4451) = ADE or CUS.		
			This element must not be populated when Text Subject Code Qualifier (4451) equal AAA.		
			Accepted Values:		

CCN Canadian Cargo Control Number  
Typically provided by the Carrier for use by registered Forwarders in Supplementary Cargo Reports filed with CBSA in Canada.  
Must only be sent when Text Subject Code Qualifier (4451) = CUS.

HC Harmonized Code  
Must only be sent when Text Subject Code Qualifier (4451) = ADE

SB Schedule B Number  
Must only be sent when Text Subject Code Qualifier (4451) = ADE.

UCN Customs Export Declaration Unique Consignment Reference (DUCR)  
Typically provided by the Exporter or its Agent for shipments departing Great Britain.  
Must only be sent when Text Subject Code Qualifier (4451) = CUS.

M		1131	<b>Code list identification code</b>	M	an..3
			Identification of a code list.		
			Accepted Values:		
		76	Export commodity classification (US Schedule B) Code list containing the commodity classifications applying to goods being exported (United States Schedule B). Must be sent when Text Subject Code Qualifier (4451) = ADE and Free Text Value Code (C107, 4441) = SB.		
		110	Customs special codes Customs code to indicate an exemption to a regulation or a special Customs treatment. Must be sent when Text Subject Code Qualifier (4451) = CUS and Free Text Value Code (C107, 4441) = CCN or UCN.		
		169	Harmonized system Identification of commodities according to the Harmonized System. Must be sent when Text Subject Code Qualifier (4451) = ADE and Free Text Value Code (C107, 4441) = HC.		
M		3055	<b>Code list responsible agency code</b>	M	an..3
			Code specifying the agency responsible for a code list.		
			Accepted Values:		
		ZZZ	Mutually defined		
M	C108		<b>TEXT LITERAL</b>	M	1
			Free text; one to five lines.		
M		4440	<b>Free text value</b>	M	an..512
			Free form text.		
		4440	<b>Free text value</b>	C	an..512
			Free form text.		
			This element may only be populated when Text Subject Code Qualifier (4451) = AAA.		
			This element must not be populated when Text Subject Code Qualifier (4451) = CUS or ADE.		
X		4440	<b>Free text value</b>	C	an..512
X		4440	<b>Free text value</b>	C	an..512
X		4440	<b>Free text value</b>	C	an..512
X	3453		<b>LANGUAGE NAME CODE</b>	C	1 an..3
X	4447		<b>TEXT FORMATTING, CODED</b>	C	1 an..3

**Group:** **MEA** Segment Group 11: Measurements  
**Position:** 0520  
**Group:** Segment Group 9 (Goods Item Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A group of segments to specify measurements applicable to a goods item.

**Segment Summary**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
M	0530	MEA	Measurements	M	1	

**Segment:** **MEA** Measurements  
**Position:** 0530 (Trigger Segment)  
**Group:** Segment Group 11 (Measurements) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify measurements, other than dimensions, applicable to a goods item.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** MEA+AAE+G+KGM:3000.135  
 or  
 MEA+AAE+AAW+MTQ:30.0654

Only one Volume and Weight Measurement may be sent per GID loop.  
 All weight and/or volume values must conform to below rules:  
 - Decimal must be represented using the dot('.'). - Group separators must not be sent.  
 1. Weight: Maximum 3 digits of precision allowed:  
 examples: valid - "1000.123" invalid - "1,000.123", "1.000,123"  
 2. Volume: Maximum 4 digits of precision allowed:  
 examples: valid - "1000.1234" invalid - "1,000.1234", "1.000,1234"

#### Data Element Summary

Attributes	Data	Component			
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>	
M	6311		<b>MEASUREMENT ATTRIBUTE CODE</b> Code specifying the measurement attribute.	M	1 an..3
Accepted Value:					
		AAE	Measurement [6314] Value of the measured unit.		
M	C502		<b>MEASUREMENT DETAILS</b> Identification of measurement type.	M	1
M		6313	<b>Measured attribute code</b> Code specifying the attribute measured.	M	an..3
Accepted Value:					
		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.		
X		6321	<b>Measurement significance, coded</b>	C	an..3
X		6155	<b>Non-discrete measurement name code</b>	C	an..17
X		6154	<b>Non-discrete measurement name</b>	C	an..70
M	C174		<b>VALUE/RANGE</b> Measurement value and relevant minimum and maximum values of the measurement range.	M	1
M		6411	<b>Measurement unit code</b> Code specifying the unit of measurement.	M	an..3
Accepted Values:					



For Weight:  
 KGM = Kilograms  
 LBR = Pounds

For Volume:  
 FTQ = Cubic feet  
 MTQ = Cubic meters

M	6314	<b>Measurement value</b> Value of the measured unit.	M	an..18
X	6162	<b>Range minimum</b>	C	n..18
X	6152	<b>Range maximum</b>	C	n..18
X	6432	<b>Significant digits</b>	C	n..2
X	7383	<b>SURFACE/LAYER CODE</b>	C	1 an..3

**Group:** **DIM** Segment Group 12: Dimensions  
**Position:** 0550  
**Group:** Segment Group 9 (Goods Item Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A group of segments to specify dimensions applicable to a goods item.

**Segment Summary**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
M	0560	DIM	Dimensions	M	1	

**Segment:** **DIM** Dimensions  
**Position:** 0560 (Trigger Segment)  
**Group:** Segment Group 12 (Dimensions)      Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify dimensions applicable to a goods item.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** DIM+2+MTR:16.764:12.192:6.096

The information in this segment represents the dimensions of the OOG commodity.

All numeric values will conform to below rules:

- Decimal must be represented using the dot('.'). - Group separators may not be sent.

1. Length, Width, Height: Maximum 3 digits of precision allowed:  
 examples: valid - "1000.123" invalid - "1,000.123", "1.000,123"

### Data Element Summary

Attributes	Data	Component			
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>	
M	6145		<b>DIMENSION QUALIFIER</b>	M 1 an..3	
			To specify the dimensions applicable to each of the transportable units.		
			Accepted Value:		
			2 Package dimensions (including goods)		
			The dimension of the goods including the packaging.		
M	C211		<b>DIMENSIONS</b>	M 1	
			Specification of the dimensions of a transportable unit.		
M		6411	<b>Measurement unit code</b>	M an..3	
			Code specifying the unit of measurement.		
			This element must contain at least one of the following sub-elements (C211, 6168), (C211, 6140) or (C211, 6008).		
			Accepted Values:		
			FET Feet		
			MTR Meter		
		6168	<b>Length dimension</b>	C n..15	
			Length of pieces or packages stated for transport purposes.		
		6140	<b>Width dimension</b>	C n..15	
			Width of pieces or packages stated for transport purposes.		
		6008	<b>Height dimension</b>	C n..15	
			Height of pieces or packages stated for transport purposes.		

**Group:** **RFF** Segment Group 13: Reference  
**Position:** 0580  
**Group:** Segment Group 9 (Goods Item Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 9  
**Purpose:** A group of segments to identify references to a goods item.

**Segment Summary**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
M	0590	RFF	Reference	M	1	
	0600	DTM	Date/Time/Period	C	2	

**Segment:** **RFF** Reference  
**Position:** 0590 (Trigger Segment)  
**Group:** Segment Group 13 (Reference) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a reference to a goods item.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

RFF+ABW:COMMODITY SKU NUMBER

or

RFF+ON:PURCHASE ORDER NUMBER

or

RFF+EX:EXPORT LICENSE NUMBER

Multiple occurrences of ABW, ON and AKG may be provided.

Any reference type sent here must not appear at any other level in this transaction.

### Data Element Summary

Attributes	Data	Component			
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>	
M	C506		<b>REFERENCE</b>	M	1
			Identification of a reference.		
M		1153	<b>Reference function code qualifier</b>	M	an..3
			Code giving specific meaning to a reference segment or a reference number.		
			Accepted Values:		
		ABW	Stock keeping unit number		
			SKU number of commodity		
		AKG	Vehicle Identification Number (VIN)		
			The identification number which uniquely distinguishes one vehicle from another through the lifespan of the vehicle.		
		EX	Export licence number		
			[1208] Reference number assigned by issuing authority to an Export Licence.		
			To be sent only if each commodity has a different export license number.		
		ON	Order number (purchase)		
			[1022] Reference number assigned by the buyer to an order.		
			To be sent only if each commodity has a different purchase order number.		
M		1154	<b>Reference identifier</b>	M	an..35
			Identifies a reference.		
X		1156	<b>Line number</b>	C	an..6
X		4000	<b>Reference version identifier</b>	C	an..35
X		1060	<b>Revision number</b>	C	an..6

**Segment:** **DTM** Date/Time/Period  
**Position:** 0600  
**Group:** Segment Group 13 (Reference) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A segment to indicate date and time relating to the reference.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

DTM+182:20070531:102  
 or  
 DTM+36:20071127:102

Notes:

- This DTM is used only for Export License Dates and must immediately follow Export License Number (segment RFF C506, 1153 = "EX").
- Issue date must not be more than 2 years prior to current date.
- Expiration date must not be more than 2 years after current date.
- If sent, Date must be valid according to format code '102'

**Data Element Summary**

Attributes	Data	Component		
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>
M	C507		DATE/TIME/PERIOD	M 1
			Date and/or time, or period relevant to the specified date/time/period type.	
M		2005	Date/time/period function code qualifier	M an..3
			Code giving specific meaning to a date, time or period.	
			Accepted Values:	
			36	Expiry date
				Date of expiry of the validity of a referenced document, price information or any other referenced data element with a limited validity period.
			182	Issue date
				Date when a document/message has been or will be issued.
M		2380	Date/time/period value	M an..35
			The value of a date, a date and time, a time or of a period in a specified representation.	
M		2379	Date/time/period format code	M an..3
			Code specifying the representation of a date, time or period.	
			102	CCYYMMDD
				Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.

**Group:** **DGS** Segment Group 15: Dangerous Goods  
**Position:** 0640  
**Group:** Segment Group 9 (Goods Item Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 99  
**Purpose:** A group of segments to specify dangerous goods details related to the goods item. One goods item may be in different dangerous goods classes.

**Segment Summary**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
M	0650	DGS	Dangerous Goods	M	1	
	0660	FTX	Free Text	C	12	
	0670		Segment Group 16: Contact Information	C		3
	0700		Segment Group 17: Measurements	C		4

**Segment:** **DGS** Dangerous Goods  
**Position:** 0650 (Trigger Segment)  
**Group:** Segment Group 15 (Dangerous Goods) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to indicate the class of dangerous goods, packing group, etc.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

DGS+IMD+3.2:23-2:003+1993+43.3:CEL+2+EMSNBR++345++1.2:4

If header level dangerous goods information is sent then GID/DGS information must not be provided.

Notes: - In case more than one IMO code applies, 2 additional may be sent in the DGS segment (C236,8246).

Flash Point Temperature must conform to below rules:

- Decimal must be represented using the dot ('.').
- Temperature values must not include group separators.
- Temperature must contain 3 valid Numeric Digits, and may also contain a decimal and minus sign ('-').
- Maximum Precision of Temperature is 1.
- Negative Temperature must include a Minus sign ('-') and it must be in the first position of the element.
- Positive Temperature must be Unsigned.

Valid examples: 005, -005, -05.5, 55.2, 45.0

Invalid examples: 1, -5, -05, 5.5, 23-, 35, .3, 5.04, +045

**Data Element Summary**

Attributes	Data	Component		Req/Repeat/Repr
	Element	Element	Name	
M	8273		<b>DANGEROUS GOODS REGULATIONS CODE</b>	M 1 an..3
			Code specifying a dangerous goods regulation.	
			Accepted value:	
		IMD	IMO IMDG code	
			Regulations regarding the transportation of dangerous goods on ocean-going vessels issued by the International Maritime Organization.	
M	C205		<b>HAZARD CODE</b>	M 1
			The identification of the dangerous goods in code.	
M		8351	<b>Hazard code identification</b>	M an..7
			Dangerous goods code.	
			IMO Class Code	
		8078	<b>Hazard substance/item/page number</b>	C an..7
			Number giving additional hazard code classification of a goods item within the applicable dangerous goods regulation.	
		8092	<b>Hazard code version number</b>	C an..10
			The version/revision number of date of issuance of the code used.	
M	C234		<b>UNDG INFORMATION</b>	M 1
			Information on dangerous goods, taken from the United Nations Dangerous Goods classification.	



M		7124	<b>UNDG number</b>	M	n4
			Unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried.		
X		7088	<b>Dangerous goods flashpoint</b>	C	an..8
	C223		<b>DANGEROUS GOODS SHIPMENT FLASHPOINT</b>	C	1
			Temperature at which a vapor can be ignited as per ISO 1523/73.		
M		7106	<b>Shipment flashpoint</b>	M	n3
			Temperature in centigrade determined by the closed cup test as per ISO 1523/73 where a vapour is given off that can be ignited.		
M		6411	<b>Measurement unit code</b>	M	an..3
			Code specifying the unit of measurement.		
			Accepted Values:		
			CEL Celsius/Centigrade		
			FAH Fahrenheit		
	8339		<b>PACKING GROUP, CODED</b>	C	1 an..3
			Identification of a packing group by code.		
			Accepted Values:		
		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		<b>EMS NUMBER</b>	C	1 an..6
			Emergency procedures for ships carrying dangerous goods.		
X		8410	<b>MFAG</b>	C	1 an..4
		8126	<b>TREM CARD NUMBER</b>	C	1 an..10
			The identification of a transport emergency card giving advice for emergency actions.		
X	C235		<b>HAZARD IDENTIFICATION PLACARD DETAILS</b>	C	1
			These numbers appear on the hazard identification placard required on the means of transport.		
X		8158	<b>Hazard identification number, upper part</b>	C	an..4
			The id. number for the Orange Placard (upper part) required on the means of transport.		
X		8186	<b>Substance identification number, lower part</b>	C	an4
			The number for the Orange Placard (lower part) required on the means of transport.		
	C236		<b>DANGEROUS GOODS LABEL</b>	C	1
			Markings identifying the type of hazardous goods and similar information.		
		8246	<b>Dangerous goods label marking</b>	C	an..4
			Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.		
			2nd IMO code		
			To be used if more than one IMO code applies to the dangerous commodity.		
		8246	<b>Dangerous goods label marking</b>	C	an..4
			Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.		

3rd IMO code

To be used if more than two IMO code applies to the dangerous commodity.

X		<b>8246</b>	<b>Dangerous goods label marking</b>	<b>C</b>	<b>an..4</b>
X	<b>8255</b>		<b>PACKING INSTRUCTION, CODED</b>	<b>C</b>	<b>1 an..3</b>
X	<b>8325</b>		<b>CATEGORY OF MEANS OF TRANSPORT, CODED</b>	<b>C</b>	<b>1 an..3</b>
X	<b>8211</b>		<b>PERMISSION FOR TRANSPORT, CODED</b>	<b>C</b>	<b>1 an..3</b>

**Segment:** **FTX** Free Text  
**Position:** 0660  
**Group:** Segment Group 15 (Dangerous Goods) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 12  
**Purpose:** A segment to specify the dangerous goods technical name and to specify any additional dangerous goods information.

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

FTX+AAD++PSN:122:ZZZ+PROPER SHIPPING NAME  
or  
FTX+AAD++TN:122:ZZZ+TECHNICAL NAME or FTX+AAD++TLQ:122:ZZZ  
or  
FTX+AAC+++DANGEROUS GOODS ADDITIONAL INFORMATION  
or  
FTX+AAC++P:122:ZZZ or FTX+AAC++PP:122:ZZZ  
or  
FTX+HAN++4:122:ZZZ or FTX+AEP+++RADIOACTIVE ADDITIONAL INFORMATION  
or  
FTX+PKG++6HA1:183:ZZZ

Segment FTX+AAD++PSN:122:ZZZ+PROPER SHIPPING NAME is mandatory when DGS segment is provided.

Only 4 segments per DGS loop may be sent with Text Subject Code Qualifier of AAC;  
1 with Free text value code not populated.  
1 with Free text value code of GAS, LQD or SLD.  
1 With Free text value code of NP, P or PP.  
1 with Free text value code of IHL.

Only 3 segments per DGS loop may be sent with Text Subject Code Qualifier of AAD each containing only 1 of Free text value code of PSN, TLQ or TN.

Only 1 segment per DGS loop may be sent with Text Subject Code Qualifier of HAN and Free text value code of 4.

Only 1 segment per DGS loop may be sent with Text Subject Code Qualifier of AEP and Free text value code is not populated.

Only 1 segment per DGS loop may be sent with Text Subject Code Qualifier of PKG and Free text value code is populated with IBC packing code.

Only 1 segment per DGS loop may be sent with Text Subject Code Qualifier of HAZ and Free text value code is not populated.

Only 1 segment per DGS loop may be sent with Text Subject Code Qualifier of REG and Free text value code is not populated.

#### Data Element Summary

Attributes	Data	Component		
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>
M	4451		TEXT SUBJECT CODE QUALIFIER	M 1 an..3
			Code specifying the subject of the text.	
			Accepted Values:	
		AAC	Dangerous goods additional information Additional information concerning dangerous goods. Used for General Haz Mat comments.	
		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.		
		Used to indicate the Haz Mat Placard (Explosive, Flammable, etc.).		
		PKG Packaging information		
		Note contains packaging information.		
		Free-text Value code (C107, 4441) must contain IBC (intermediate bulk container code).		
		REG Regulatory information		
		The free text contains information for regulatory authority.		
<b>X</b>	<b>4453</b>	<b>TEXT FUNCTION, CODED</b>	<b>C</b>	<b>1 an..3</b>
	<b>C107</b>	<b>TEXT REFERENCE</b>	<b>C</b>	<b>1</b>
		Coded reference to a standard text and its source.		
		GAS (Gas), LQD (Liquid), SLD (Solid) are mutually exclusive. NP (Non-marine pollutant), P (Marine pollutant), PP (Severe marine pollutant) are mutually exclusive.		
		When Text Subject Code Qualifier (4451) = PKG this element must contain IBC (intermediate bulk container code).		
<b>M</b>	<b>4441</b>	<b>Free text value code</b>	<b>M</b>	<b>an..17</b>
		Code specifying free form text.		
		This element must be populated when Text Subject Code Qualifier (4451) = AAD, HAN or PKG.		
		This element may be populated when Text Subject Code Qualifier (4451) = AAC.		
		This element must not be populated when Text Subject Code Qualifier (4451) = HAZ, AEP or REG.		
		Accepted Values:		
		4 Empty uncleaned receptacle Must be sent when Text Subject Code Qualifier (4451) = HAN.		
		GAS Gas Hazardous commodity aggregate May only be sent when Text Subject Code Qualifier (4451) = AAC.		
		IHL Inhalant hazard May only be sent when Text Subject Code Qualifier (4451) = AAC.		
		LQD Liquid Hazardous commodity aggregate May only be sent when Text Subject Code Qualifier (4451) = AAC.		
		NP Non-marine pollutant May only be sent when Text Subject Code Qualifier (4451) = AAC.		

P Marine pollutant, oder  
May only be sent when Text Subject Code Qualifier (4451) = AAC.

PP Severe marine pollutant  
May only be sent when Text Subject Code Qualifier (4451) = AAC.

PSN Proper dangerous goods shipping name  
Required if commodity is dangerous.  
May only be sent when Text Subject Code Qualifier (4451) = AAD.

SLD Solid Hazardous commodity aggregate  
May only be sent when Text Subject Code Qualifier (4451) = AAC.

TLQ Transport of dangerous goods in limited quantities  
May only be sent when Text Subject Code Qualifier (4451) = AAD.

TN Dangerous goods technical name  
May only be sent when Text Subject Code Qualifier (4451) = AAD.

M	1131	<b>Code list identification code</b>	M	an..3
		Identification of a code list.		
		Accepted Values:		
		122 Commodity (7357) Code identifying types of goods for Customs, transport or statistical purposes (generic term). Must be sent when Text Subject Code Qualifier (4451) = AAC and Free Text Value Code (C107, 4441) = GAS, LQD, SLD, IHL, NP, P or PP or Text Subject Code Qualifier (4451) = AAD and Free Text Value Code (C107, 4441) = TLQ, PSN or TN.		
		183 Dangerous goods packing type Identification of package types for the description related to dangerous goods. IBC intermediate bulk container code Must be sent when Text Subject Code Qualifier (4451) = PKG and Free Text Value Code (C107, 4441) is populated.		
M	3055	<b>Code list responsible agency code</b>	M	an..3
		Code specifying the agency responsible for a code list.		
		Accepted Values:		
		ZZZ Mutually defined		
	C108	<b>TEXT LITERAL</b>	C	1
		Free text; one to five lines.		
M	4440	<b>Free text value</b>	M	an..512
		Free form text.		
		This element must be populated when Text Subject Code Qualifier (4451) = HAZ, AEP or REG.		
		This element must be populated when Text Subject Code Qualifier (4451) = AAC and Free Text Value Code (C107, 4441) is not populated.		
		This element must be populated when Text Subject Code Qualifier (4451) = AAD and Free Text Value Code (C107, 4441) = PSN or TN.		
		This element must not be populated when Text Subject Code Qualifier (4451) or Free Text Value Code (C107, 4441) equals any other code.		
	4440	<b>Free text value</b>	C	an..512

Free form text.

This element may only be populated when Text Subject Code Qualifier (4451) = HAZ, AEP or REG or Text Subject Code Qualifier (4451) = AAC and Free Text Value Code (C107, 4441) is not populated.

This element must not be populated when Text Subject Code Qualifier (4451) is equal to any other code or when Free Text Value Code (C107, 4441) is populated.

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

**Group:** **CTA** Segment Group 16: Contact Information  
**Position:** 0670  
**Group:** Segment Group 15 (Dangerous Goods) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 3  
**Purpose:** A group of segments to identify a contact to whom communication regarding the dangerous goods can be directed.

**Segment Summary**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
M	0680	CTA	Contact Information	M	1	
M	0690	COM	Communication Contact	M	1	

**Segment:** **CTA Contact Information**  
**Position:** 0680 (Trigger Segment)  
**Group:** Segment Group 16 (Contact Information)      Conditional (Optional)  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a person or department.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

CTA+HE+:EMERGENCY CONTACT

Spaces and/or dots alone will not be accepted for Contact Name (C056, 3412)

#### Data Element Summary

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



**Segment:** **COM** Communication Contact  
**Position:** 0690  
**Group:** Segment Group 16 (Contact Information) Conditional (Optional)  
**Level:** 4  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a communication number of a person or department.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:** COM+567 345 9988:TE

**Data Element Summary**

Attributes	Data	Component		Req/Repeat/Repr	
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>M</u>	<u>1</u>
M	<b>C076</b>		<b>COMMUNICATION CONTACT</b>	<b>M</b>	<b>1</b>
			Communication number of a department or employee in a specified channel.		
M		<b>3148</b>	<b>Communication number</b>	<b>M</b>	<b>an..512</b>
			The communication number.		
			Emergency contact phone number.		
			Note: - Should not be an 800 number.		
M		<b>3155</b>	<b>Communication number code qualifier</b>	<b>M</b>	<b>an..3</b>
			Code qualifying the communication number.		
			Accepted Values:		
			TE Telephone		
			Voice/data transmission by telephone.		
			Must not be populated with spaces and/or dots alone.		

**Group:** **MEA** Segment Group 17: Measurements  
**Position:** 0700  
**Group:** Segment Group 15 (Dangerous Goods) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 4  
**Purpose:** A group of segments to identify dangerous goods measurements.

**Segment Summary**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
M	0710	MEA	Measurements	M	1	

**Segment:** **MEA** Measurements  
**Position:** 0710 (Trigger Segment)  
**Group:** Segment Group 17 (Measurements)      Conditional (Optional)  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify measurements of the dangerous goods.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

MEA+AAE+AAF+KGM:2398.135  
 or  
 MEA+AAE+AAX+MTQ:30.0654  
 or  
 MEA+AAE+AAX+LTR:148.457  
 or  
 MEA+AAE+AEO+MBQ:7.55  
 or  
 MEA+AAE+ZZZ+PIW:26.3

Only one measurement each of Volume, Weight, Radioactivity and Acid Concentration may be sent per DGS loop.

Numeric values must conform to below rules:

- Decimal must be represented using the dot('.'). - Group separators must not be sent.

1. Weight, Radioactivity, and Acid concentration: Maximum 3 digits of precision allowed:  
 examples: valid - "1000.123" invalid - "1,000.123", "1.000,123"

2. Volume: Maximum 4 digits of precision allowed:  
 examples: valid - "1000.1234" invalid - "1,000.1234", "1.000,1234"

**Data Element Summary**

Attributes	Data	Component		Req/Repeat/Repr
	Element	Element	Name	
M	6311		<b>MEASUREMENT ATTRIBUTE CODE</b> Code specifying the measurement attribute. Accepted Values: AAE            Measurement [6314] Value of the measured unit.	M 1 an..3
M	C502		<b>MEASUREMENT DETAILS</b> Identification of measurement type.	M 1
M		6313	<b>Measured attribute code</b> Code specifying the attribute measured. Accepted 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. ZZZ            Mutually defined	M an..3

Concentration of Acid

X		6321	Measurement significance, coded	C	an..3
X		6155	Non-discrete measurement name code	C	an..17
X		6154	Non-discrete measurement name	C	an..70
M	C174		VALUE/RANGE	M	1
			Measurement value and relevant minimum and maximum values of the measurement range.		
M		6411	Measurement unit code	M	an..3
			Code specifying the unit of measurement.		
			Accepted Values:		
			For Weight		
			KGM = Kilograms		
			LBR = Pounds		
			For Volume (other than liquid)		
			FTQ= Cubic feet		
			MTQ=Cubic meters		
			For Volume (liquid)		
			GAL= Gallons		
			LTR=Liters		
			For Radioactivity		
			MBQ = Mega Becquerels		
			For Acid Concentration (hydrochloric, sulfuric, nitric)		
			PIW = Percentage of acid vs. water		
M		6314	Measurement value	M	an..18
			Value of the measured unit.		
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

**Group:** **EQD** Segment Group 18: Equipment Details  
**Position:** 0730  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 999  
**Purpose:** A group of segments to specify equipment in which goods are transported.

**Segment Summary**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
M	0740	EQD	Equipment Details	M	1	
M	0750	EQN	Number of Units	M	1	
	0760	TMD	Transport Movement Details	C	1	
	0770	MEA	Measurements	C	7	
	0780	DIM	Dimensions	C	1	
	0790	HAN	Handling Instructions	C	1	
	0800	TMP	Temperature	C	1	
	0820	FTX	Free Text	C	21	
	0830	RFF	Reference	C	9	
	0840		Segment Group 19: Name and Address	C		9

**Segment:** **EQD** Equipment Details  
**Position:** 0740 (Trigger Segment)  
**Group:** Segment Group 18 (Equipment Details) Conditional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify equipment, and equipment size and type used in the transport.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:** EQD+CN++22G0:102:5+2  
 or  
 EQD+CN+XXXX1234567:146:ZZZ+42G0:102:5:CONTAINER DESCRIPTION+2++5

#### Data Element Summary

Attributes	Data	Component			
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>	
M	8053		<b>EQUIPMENT TYPE CODE QUALIFIER</b>	M	1 an..3
			Code qualifying a type of equipment.		
			Accepted Value:		
		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		<b>EQUIPMENT IDENTIFICATION</b>	C	1
			Marks (letters/numbers) identifying equipment.		
M		8260	<b>Equipment identification number</b>	M	an..17
			Marks (letters and/or numbers) which identify equipment e.g. unit load device.		
			If provided must be unique per transaction.		
M		1131	<b>Code list identification code</b>	M	an..3
			Identification of a code list.		
			Accepted Values:		
		146	Means of transport identification		
			Code identifying the name or number of a means of transport (vessel, vehicle).		
			Actual Container Number		
M		3055	<b>Code list responsible agency code</b>	M	an..3
			Code specifying the agency responsible for a code list.		
			Accepted Values:		
		ZZZ	Mutually defined		
X		3207	<b>Country name code</b>	C	an..3
M	C224		<b>EQUIPMENT SIZE AND TYPE</b>	M	1
			Code and or name identifying size and type of equipment. Code preferred.		
M		8155	<b>Equipment size and type description code</b>	M	an..10
			Code specifying the size and type of equipment.		
			Set temperature (segment TMP) or non-active flag (segment HAN) must be sent for any container designated as a reefer.		
			Set temperature (segment TMP) or non-active flag (segment HAN) may also be sent for containers designated as hybrid (e.g. tanks).		

		For any container not designated as reefer or hybrid, Set temperature (segment TMP) or non-active flag (segment HAN) must not be sent		
M	1131	<b>Code list identification code</b>	M	an..3
		Identification of a code list.		
		Accepted Values:		
		102	Size and type	
M	3055	<b>Code list responsible agency code</b>	M	an..3
		Code specifying the agency responsible for a code list.		
		Accepted Values:		
		5	ISO (International Organization for Standardization)	
	8154	<b>Equipment size and type description</b>	C	an..35
		Free form description of the size and type of equipment.		
		To be used for equipment description.		
	8077	<b>EQUIPMENT SUPPLIER, CODED</b>	C	1 an..3
		To indicate the party that is the supplier of the equipment.		
		Accepted 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	<b>EQUIPMENT STATUS CODE</b>	C	1 an..3
	8169	<b>FULL/EMPTY INDICATOR, CODED</b>	C	1 an..3
		To indicate the extent to which the equipment is full or empty.		
		This indicator is to reflect the status of the container when shipped.		
		Accepted values:		
		4	Empty	
		5	Full	

**Segment:** EQN Number of Units  
**Position:** 0750  
**Group:** Segment Group 18 (Equipment Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify number of pieces of equipment required.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

EQN+3:2

If container number is sent in the EQD segment (element C237,8260) then Number of Requested Containers Confirmed (C523, 6350) must be 1.

#### Data Element Summary

Attributes	Data	Component		Req/Repeat/Repr
	Element	Element	Name	
M	C523		NUMBER OF UNIT DETAILS	M 1
			Identification of number of units and its purpose.	
M		6350	Number of units	M n..15
			Number of units of a certain type.	
			Number of requested containers confirmed.	
M		6353	Unit type code qualifier	M an..3
			Code qualifying the type of unit.	
			Accepted Values:	
		2	Transportable unit	
			Container(s)	



**Segment:** **TMD** Transport Movement Details  
**Position:** 0760  
**Group:** Segment Group 18 (Equipment Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to specify transport movement details for the equipment.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

TMD+3++CC

If sent Haulage Arrangement (8341) must be the same for all EQD segments in the transaction.

If number of containers (EQN,C523, 6350) is greater than 1, the information in this segment applies to all containers in the group.

#### Data Element Summary

Attributes	Data	Component				
	<u>Element</u>	<u>Element</u>	<u>Name</u>		<u>Req/Repeat/Repr</u>	
	C219		<b>MOVEMENT TYPE</b>		C	1
			Description of type of service for movement of cargo.			
		8335	<b>Movement type description code</b>		C	an..3
			Code specifying a type of movement.			
			Accepted Value:			
			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	<b>Movement type description</b>		C	an..35
X	8332		<b>EQUIPMENT PLAN</b>		C	1 an..26
M	8341		<b>HAULAGE ARRANGEMENTS, CODED</b>		M	1 an..3
			Specification of the type of equipment haulage arrangements.			
			Accepted Values:			
			1 Carrier			
			Haulage arranged by carrier.			
			2 Merchant			
			Haulage arranged by merchant (shipper, consignee, or their agent).			

**Segment:** **MEA** Measurements  
**Position:** 0770  
**Group:** Segment Group 18 (Equipment Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 7  
**Purpose:** A segment to specify measurements, other than dimensions, associated with the equipment, such as

weight.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

MEA+AAE+AAL+KGM:9080.089

or

MEA+AAE+AAX+MTQ:81.2519

or

MEA+AAE+AAS+CBM:481.25

or

MEA+AAE+AAO+HMD:34.2

or

MEA+AAE+ZO+PCT:44.21

If number of containers (EQN,C523, 6350) is greater than 1, the information in this segment is the total weight, volume for all containers in the group. Humidity, or air exchange settings apply to each container in the group.

Only one measurement each of Volume, Weight, Humidity, Airflow, Carbon Dioxide Level, Nitrogen Level and Oxygen Level may be sent per EQD loop.

All weight, volume, air flow, humidity and atmosphere (oxygen, nitrogen, carbon dioxide) values must conform to below rules:

- Decimal must be represented using the dot('.').
- Group separators must not be sent.

1. Airflow, Humidity and Atmosphere: Maximum 2 digits of precision allowed: examples: valid - "1000.12" invalid - "1,000.12", "1.000,12"

2. Weight: Maximum 3 digits of precision allowed: examples: valid - "1000.123" invalid - "1,000.123", "1.000,123"

3. Volume: Maximum 4 digits of precision allowed: examples: valid - "1000.1234" invalid - "1,000.1234", "1.000,1234"

#### Data Element Summary

Attributes	Data	Component		Req/Repeat/Repr
	Element	Element	Name	
M	6311		<b>MEASUREMENT ATTRIBUTE CODE</b> Code specifying the measurement attribute. Accepted Value: AAE Measurement [6314] Value of the measured unit.	M 1 an..3
M	C502		<b>MEASUREMENT DETAILS</b> Identification of measurement type.	M 1
M		6313	<b>Measured attribute code</b> Code specifying the attribute measured. Accepted Values:	M an..3

		AAL	Net weight [6160] Weight (mass) of goods including any packing normally going with them to a buyer in a retail sale. Total weight of commodity(s) in the container(s).		
		AAO	Humidity Humidity per container.		
		AAS	Air flow Airflow per container.		
		AAX	Net volume The observed volume after adjustment for factors such as temperature or gravity. Total volume of commodity(s) in the container(s).		
		ZC	Carbon Carbon Dioxide Gas Level		
		ZN	Nitrogen Nitrogen Gas Level		
		ZO	Oxygen Oxygen Gas Level		
X		6321	<b>Measurement significance, coded</b>	C	an..3
X		6155	<b>Non-discrete measurement name code</b>	C	an..17
X		6154	<b>Non-discrete measurement name</b>	C	an..70
M	C174		<b>VALUE/RANGE</b>	M	1
			Measurement value and relevant minimum and maximum values of the measurement range.		
M		6411	<b>Measurement unit code</b>	M	an..3
			Code specifying the unit of measurement. Accepted values:  For Weight KGM = Kilograms LBR = Pounds  For Volume FTQ = Cubic Feet MTQ = Cubic Meters  Air Flow: CBM = Cubic Meters per Hour CFT = Cubic Feet per Hour  Humidity: HMD = Percent of Moisture in the Air  Atmosphere (ZO oxygen, ZN nitrogen, ZC carbon dioxide): PCT = Percent		
M		6314	<b>Measurement value</b>	M	an..18
			Value of the measured unit.		
X		6162	<b>Range minimum</b>	C	n..18
X		6152	<b>Range maximum</b>	C	n..18
X		6432	<b>Significant digits</b>	C	n..2
X	7383		<b>SURFACE/LAYER CODE</b>	C	1 an..3

**Segment:** **DIM** Dimensions  
**Position:** 0780  
**Group:** Segment Group 18 (Equipment Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to specify dimensions applicable to equipment.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

DIM+9+MTR:36.5:3.65:5.48  
 If number of containers (EQN,C523, 6350) is greater than 1, the information in this segment applies to all containers in the group.

The segment is intended to indicate the amount by which the commodity exceeds the container dimensions.

All numeric values must conform to below rules:

- Decimal must be represented using the dot('.').
- Group separators must not be sent.
- Maximum 3 digits of precision allowed:  
 examples: valid - "1000.123" invalid - "1,000.123", "1.000,123"

**Data Element Summary**

Attributes	Data	Component			
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>	
M	6145		<b>DIMENSION QUALIFIER</b>	M	1 an..3
			To specify the dimensions applicable to each of the transportable units.		
			Acceptable Values:		
			9 Off-standard dimension general		
			The dimensions that the cargo exceeds the standard dimensions.		
M	C211		<b>DIMENSIONS</b>	M	1
			Specification of the dimensions of a transportable unit.		
M		6411	<b>Measurement unit code</b>	M	an..3
			Code specifying the unit of measurement.		
			This element must contain at least one of the following elements (C211, 6168), (C211, 6140) or (C211, 6008).		
			Accepted Values:		
			FET Feet		
			MTR Meter		
		6168	<b>Length dimension</b>	C	n..15
			Length of pieces or packages stated for transport purposes.		
		6140	<b>Width dimension</b>	C	n..15
			Width of pieces or packages stated for transport purposes.		
		6008	<b>Height dimension</b>	C	n..15
			Height of pieces or packages stated for transport purposes.		

**Segment:** **HAN** Handling Instructions  
**Position:** 0790  
**Group:** Segment Group 18 (Equipment Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to specify handling instructions for specified equipment.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

HAN+NAR

This segment must only be provided when reefer or hybrid (e.g. tanks) container type is identified in the EQD segment (EQD C224, 8155) and temperature regulation unit is not active (no set temperature provided (no TMP segment)).

If number of containers (EQN,C523, 6350) is greater than 1, the information in this segment applies to all containers in the group.

**Data Element Summary**

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

**Segment:** **TMP** Temperature  
**Position:** 0800  
**Group:** Segment Group 18 (Equipment Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to specify a temperature setting for the equipment.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

TMP+2+031:CEL

This segment must be provided when reefer containers specifically identified by equipment type code (EQD, C224, 8155) are provided and the temperature regulation unit is to be active.

This segment may be provided when hybrid (e.g. tanks) containers specifically identified by equipment type code (EQD C224, 8155) are provided and the temperature regulation unit is to be active.

If number of containers (EQN,C523, 6350) is greater than 1, the information in this segment will be applied to all containers in the group.

Set Temperature must conform to below rules:

- Decimal must be represented using the dot ('.').
- Temperature values must not include group separators.
- Temperature must contain 3 valid Numeric Digits, and may also contain a decimal and minus sign ('-').
- Maximum Precision of Temperature is 1.
- Negative Temperature must include a Minus sign ('-') and it must be in the first position of the element.
- Positive Temperature must be Unsigned.

Valid examples: 005, -005, -05.5, 55.2, 45.0

Invalid examples: 1, -5, -05, 5.5, 23-, 35, .3, 5.04, +045

#### Data Element Summary

Attributes	Data	Component			
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>	
M	6245		<b>TEMPERATURE QUALIFIER</b>	M	1 an..3
			A code giving specific meaning to the temperature.		
			Accepted Values:		
		2	Transport temperature		
			The temperature at which cargo is to be kept while it is under transport.		
M	C239		<b>TEMPERATURE SETTING</b>	M	1
			The temperature under which the goods are (to be) stored or shipped.		
M		6246	<b>Temperature setting</b>	M	n3
			The actual temperature value in degrees Celsius (e.g. 008, 020).		
M		6411	<b>Measurement unit code</b>	M	an..3
			Code specifying the unit of measurement.		
			Accepted Values:		
			CEL Celsius/Centigrade		



**Segment:** **FTX** Free Text  
**Position:** 0820  
**Group:** Segment Group 18 (Equipment Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 21  
**Purpose:** A segment to specify processable supplementary information associated with the equipment.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

FTX+AGK+++EQUIPMENT COMMENTS  
or  
FTX+SSR++FMG:130:ZZZ or FTX+SSR++CLN:130:ZZZ  
or  
FTX+HAN++SBD:130:ZZZ  
or  
FTX+AEB+++REEFER COMMENTS  
or  
FTX+CUS++UCN:110:ZZZ+857\_2938476  
or  
FTX+AEB++NTP:130:ZZZ+6

Only 2 segments per EQD loop may be sent with Text Subject Code Qualifier of AKG; 1 with Free Text Value Code not populated and 1 with Free Text Value Code SUB.

Only 10 segments per EQD loop may be sent with Text Subject Code Qualifier of AEB; 1 with Free Text Value Code not populated and 9 each containing only 1 of Free Text Value Code AEC, FRZ, GEN, HUM, ICP, ICT, NTP, TVA and (VTC or VTO).

Only 2 segments per EQD loop may be sent with Text Subject Code Qualifier of CUS each containing only 1 of Free Text Value Code CCN or UCN.

Only 1 segment per EQD loop may be sent with Text Subject Code Qualifier of HAN containing 1 of Free Text Value Code SAD or SBD.

Only 6 segments per EQD loop may be sent with Text Subject Code Qualifier of SSR, each containing only 1 of Free Text Value Code CLN, FGE, FMG, GOH, HTE or SWP.

Text subject AEB (temperature control comments) must only be sent when a reefer or hybrid (e.g. tanks) container type is requested (0740 EQD C224, 8155) and a set temperature has been supplied (0800 TMP C239, 6246) in the container group (EQD loop).

Text subject CUS may appear at other levels in the transaction. CCN and UCN must only appear at one level of the transaction.

If number of containers (EQN, C523, 6350) is greater than 1, the information in this segment applies to all containers in the group.

**Data Element Summary**

Attributes	Data	Component		
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>
M	4451		TEXT SUBJECT CODE QUALIFIER	M 1 an..3
			Code specifying the subject of the text.	
			Accepted Values:	
		AEB	Temperature control instructions	



		AGK	Instruction regarding the temperature control of the cargo. Equipment Description of equipment. Used to indicate equipment comments (for information purposes only).		
		CUS	Customs declaration information Note contains customs declaration information.		
		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	<b>TEXT FUNCTION, CODED</b>		C	1 an..3
	C107	<b>TEXT REFERENCE</b>		C	1
		Coded reference to a standard text and its source.			
		NTP (number of temperature probes requested), TVA (temperature variance), GEN (genset required), FRZ (super freezer service), ECA (equipment controlled atmosphere), ICT (in-transit cold sterilization), HUM (humidity) must only be sent when a reefer or hybrid (e.g. tanks) container type is requested (0740 EQD C224, 8155) and a set temperature has been supplied (0800 TMP C239, 6246) in the container group (EQD loop).			
		VTC (vent closed) and VTO (vent open) are mutually exclusive.			
		SAD (stow above deck) and SBD (stow below deck) are mutually exclusive.			
		ECA (equipment controlled atmosphere) and VTO (vent open) are mutually exclusive.			
M	4441	<b>Free text value code</b>		M	an..17
		Code specifying free form text.			
		This element must be populated when Text Subject Code Qualifier (4451) = CUS, HAN or SSR.			
		This element may be populated when Text Subject Code Qualifier (4451) = AEB or AGK.			
		This element must not be populated when Text Subject Code Qualifier (4451) equals any other code.			
		Accepted Values:			
		CCN Canadian Cargo Control Number Typically provided by the Carrier for use by registered Forwarders in Supplementary Cargo Reports filed with CBSA in Canada. May only be sent when Text Subject Code Qualifier (4451) = CUS.			
		CLN Equipment must be cleaned May only be sent when Text Subject Code Qualifier (4451) = SSR.			
		ECA Equipment Controlled Atmosphere May only be sent when Text Subject Code Qualifier (4451) = AEB.			
		FGE Food grade equipment requested May only be sent when Text Subject Code Qualifier (4451) = SSR.			
		FMG Fumigation is required May only be sent when Text Subject Code Qualifier (4451) = SSR.			

FRZ	Super Freeze Service May only be sent when Text Subject Code Qualifier (4451) = AEB.
GEN	Genset Required May only be sent when Text Subject Code Qualifier (4451) = AEB.
GOH	Garment On Hanger May only be sent when Text Subject Code Qualifier (4451) = SSR.
HTE	Heavy weight tested equipment requested May only be sent when Text Subject Code Qualifier (4451) = SSR.
HUM	Humidify May only be sent when Text Subject Code Qualifier (4451) = AEB.
ICP	Number of USD Probes for ICT Service May only be sent when Text Subject Code Qualifier (4451) = AEB.
ICT	In Transit Cold Sterilization May only be sent when Text Subject Code Qualifier (4451) = AEB.
NTP	Number of temperature probes requested May only be sent when Text Subject Code Qualifier (4451) = AEB.
SAD	Store above deck May only be sent when Text Subject Code Qualifier (4451) = HAN.
SBD	Store below deck May only be sent when Text Subject Code Qualifier (4451) = HAN.
SUB	Equipment Substituted May only be sent when Text Subject Code Qualifier (4451) = AGK.
SWP	Equipment must be swept May only be sent when Text Subject Code Qualifier (4451) = SSR.
TVA	Temperature Variance May only be sent when Text Subject Code Qualifier (4451) = AEB.
UCN	Customs Export Declaration Unique Consignment Reference (DUCR) Typically provided by the Exporter or its Agent for shipments departing Great Britain. May only be sent when Text Subject Code Qualifier (4451) = CUS.
VTC	Vent Closed May only be sent when Text Subject Code Qualifier (4451) = AEB.
VTO	Vent Open May only be sent when Text Subject Code Qualifier (4451) = AEB.

M 1131 Code list identification code M an..3

Identification of a code list.

Accepted Values:

110	Customs special codes Customs code to indicate an exemption to a regulation or a special Customs treatment. Must be sent when Text Subject Code Qualifier (4451) = CUS and Free Text Value Code (C107, 4441) = CCN or UCN.
130	Special handling

Code to indicate that the nature of the consignment may necessitate use of special handling procedures (IATA). Must be sent when Text Subject Code Qualifier (4451) = AEB and Free Text Value Code (C107, 4441) = ICP, NTP, TVA, ECA, FRZ, GEN, HUM, ICT, VTC, or VTO. or Text Subject Code Qualifier (4451) = HAN and Free Text Value Code (C107, 4441) = SAD or SBD.  
or  
Text Subject Code Qualifier (4451) = SSR and Free Text Value Code (C107, 4441) = CLN, FGE, FMG, GOH, HTE, or SWP or Text Subject Code Qualifier (4451) = AGK and Free Text Value Code (C107, 4441) = SUB.

M	3055	<b>Code list responsible agency code</b>	M	an..3
		Code specifying the agency responsible for a code list.		
		Accepted Values:		
		ZZZ Mutually defined		
	C108	<b>TEXT LITERAL</b>	C	1
		Free text; one to five lines.		
M	4440	<b>Free text value</b>	M	an..512
		Free form text.		
		This element must be populated when Text Subject Code Qualifier (4451) = AEB or AGK and Free Text Value Code (C107, 4441) is not populated.		
		This element must be populated when Text Subject Code Qualifier (4451) = AEB and Free Text Value Code (C107, 4441) = ICP, NTP or TVA.		
		This element must be populated when Text Subject Code Qualifier (4451) = CUS and Free Text Value Code (C107, 4441) = CCN or UCN.		
		This element must not be populated when Text Subject Code Qualifier (4451) or Free Text Value Code (C107, 4441) equals any other code.		
	4440	<b>Free text value</b>	C	an..512
		Free form text.		
		This element may only be populated when Text Subject Code Qualifier (4451) = AEB or AGK and Free Text Value Code (C107, 4441) is not populated.		
		This element must not be populated when Text Subject Code Qualifier (4451) is equal to any other code or when Free Text Value Code (C107, 4441) is populated.		
X	4440	<b>Free text value</b>	C	an..512
X	4440	<b>Free text value</b>	C	an..512
X	4440	<b>Free text value</b>	C	an..512
X	3453	<b>LANGUAGE NAME CODE</b>	C	1 an..3
X	4447	<b>TEXT FORMATTING, CODED</b>	C	1 an..3

**Segment:** **RFF** Reference  
**Position:** 0830  
**Group:** Segment Group 18 (Equipment Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 9  
**Purpose:** A segment to specify a reference number to equipment.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

RFF+RE:CONTAINER RELEASE NUMBER

or

RFF+ON:PURCHASE ORDER NUMBER

or

RFF+AGP:LOGICAL CONTAINER NUMBER

or

RFF+AEF:CUSTOMER LOAD REFERENCE

Multiple values for Purchase Order (ON), Customer Load Reference (AEF) and Vehicle Identification Number (AKG) may be provided.

If number of containers (EQN,C523, 6350) is greater than 1, the information in this segment applies to all containers in the group.

Any reference type sent here must not appear at any other level in this transaction.

**Data Element Summary**

Data		Component		Req/Repeat/Repr	
Attributes	Element	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.		
			Accepted Values:		
		AEF	Customer process specification number Retrieval number for a process specification defined by customer. Customer Load Reference		
		AGP	Company issued equipment ID Owner/operator, non-government issued equipment reference number. Logical container number. Used to replay logical container number from request. If provided must be unique per transaction.		
		AKG	Vehicle Identification Number (VIN) The identification number which uniquely distinguishes one vehicle from another through the lifespan of the vehicle.		
		ON	Order number (purchase) [1022] Reference number assigned by the buyer to an order.		
		RE	Release number Reference number assigned to identify a release of a set of rules, conventions, conditions, etc. Container release number		

<b>M</b>	<b>1154</b>	<b>Reference identifier</b> Identifies a reference.	<b>M</b>	<b>an..35</b>
<b>X</b>	<b>1156</b>	<b>Line number</b>	<b>C</b>	<b>an..6</b>
<b>X</b>	<b>4000</b>	<b>Reference version identifier</b>	<b>C</b>	<b>an..35</b>
<b>X</b>	<b>1060</b>	<b>Revision number</b>	<b>C</b>	<b>an..6</b>

**Group:** **NAD** Segment Group 19: Name and Address  
**Position:** 0840  
**Group:** Segment Group 18 (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.

**Segment Summary**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
M	0850	NAD	Name and Address	M	1	
	0860	DTM	Date/Time/Period	C	2	

**Segment:** **NAD** Name and Address  
**Position:** 0850 (Trigger Segment)  
**Group:** Segment Group 19 (Name and Address) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify a pick-up or drop-off address.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

If the number of containers (EQN, C523,6350) is greater than 1, the information in this segment applies to all containers in the group.

Either Party Code (C082, 3039) or Party Name (C058, 3124) must always be provided.

Only one of each type of party (3035) may be sent per equipment loop, with the exception of CL (Intermediate Export Stop Off) which may be sent multiple times.

Name and address (C058,3124) and Street and number (C059,3042) may also be used to convey contact name and phone number.

Ship from (SF) Examples.

NAD+SF++SHIP FROM NAME:SHIP FROM ST:NEWARK, DE+++++709509  
or  
NAD+SF+RWHS34:160:87  
or  
NAD+SF+DUNS:160:16+SHIP FROM NAME

Ship to (ST) Examples.

NAD+ST+KEJ0989:160:ZZZ+SHIP TO NAME:SHIP TO ADDR:HAMBURG,  
GERMANY  
or  
NAD+ST+HY790:160:ZZZ

Ship from (SF) and Intermediate (CL) Examples

NAD+SF++SHIP FROM NAME:SHIP FROM ADDR:HAMBURG  
and  
NAD+CL++FIRST STOP:FIRST STOP ADDRESS:HAMBURG  
and  
NAD+CL++SECOND STOP:SECOND STOP ADDRESS:HAMBURG

Empty container pick up location (CK) and Full container drop off location (TR)  
Examples

NAD+CK+CARRIER\_CD:160:87  
or  
NAD+CK+809387:160:192+EMPTY PICK UP LOC:TERMINAL ADDRESS  
NEWARK, NJ  
or  
NAD+CK++EMPTY PICK UP LOC:PICK UP ST ADDRESS:ELIZ,NJ++++++US  
NAD+TR+77847667:160:ZZZ+CONTAINER TERMINAL TTT:CONTACT HANS  
958878

**Data Element Summary**

Attributes	Data	Component			
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>	
M	3035		<b>PARTY FUNCTION CODE QUALIFIER</b> Code giving specific meaning to a party. Accepted Values:	M	1 an..3
			CK Empty equipment despatch party Party from whose premises empty equipment will be or has been despatched. Empty container pick up location.		
			CL Container location party Party from whose premises container will be or has been despatched. Intermediate Export Stop Off Location.		
			EV Subcontractor Firm carrying out a part of the works for a contractor.		
			SF Ship from Identification of the party from where goods will be or have been shipped. Door location.		
			ST Ship to Identification of the party to where goods will be or have been shipped. Door location.		
			TR Terminal operator A party which handles the loading and unloading of marine vessels. Full container drop off location.		
	C082		<b>PARTY IDENTIFICATION DETAILS</b> Identification of a transaction party by code.	C	1
M	3039		<b>Party identifier</b> Code specifying the identity of a party.	M	an..35
M	1131		<b>Code list identification code</b> Identification of a code list. Accepted Values:	M	an..3
			160 Party identification Identification of parties, corporates, etc.		
M	3055		<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list. Accepted Values:	M	an..3
			16 US, D&B (Dun & Bradstreet Corporation) Identifies the Dun & Bradstreet Corporation, United States. Duns number		
			87 Assigned by carrier Codes assigned by the carrier.		
			ZZZ Mutually defined Mutually agreed between Customer and Carrier.		
	C058		<b>NAME AND ADDRESS</b> Unstructured name and address: one to five lines.	C	1
M	3124		<b>Name and address line</b> Free form name and address description.	M	an..35
			3124 <b>Name and address line</b>	C	an..35



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

**Segment:** **DTM** Date/Time/Period  
**Position:** 0860  
**Group:** Segment Group 19 (Name and Address) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A segment to indicate date and time relating to pick-up or drop-off.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

If the number of containers (EQN, C523, 6350) is greater than 1, the information in this segment applies to all containers in the group.

Dates must be within 400 days of the current date.

If time is sent it is assumed to be local time at the location identified in the preceding NAD segment.

DTM+181:200701120:102  
DTM+200:200701131330:203

The above date qualifiers may only be sent when the preceding NAD segment is Ship from (0850 NAD 3035 = SF).

DTM+17:20070115:102

The above date qualifier may only be sent when the preceding NAD segment is Ship to (0850 NAD 3035 = ST).

DTM+395:200701120900:203 DTM+200:200701121400:203

The above date qualifiers may only be sent when the preceding NAD segment is Intermediate Export Stop Off Location (0850 NAD 3035 = CL).

DTM+392:20070108:102

The above date qualifier may only be sent when the preceding NAD segment is Empty container pick-up location (0850 NAD 3035 = CK).

DTM+64:20070108:102  
DTM+180:200701091000:203

The above date qualifiers may only be sent when the preceding NAD segment is Full Container Drop Off location (0850 NAD 3035 = TR).

Only one date/time function type (C507, 2005) may be sent per NAD segment with the exception of Intermediate Export Stop Off Location (NAD party code qualifier CL), Full Container Drop Off Location (NAD party code qualifier TR) and Ship From Location (NAD party code qualifier SF) which may have two.

This segment must not be sent for Subcontractor (NAD party code qualifier EV).

**Data Element Summary**

Attributes	Data Component		Req/Repeat/Repr
	Element	Element Name	
M	C507	DATE/TIME/PERIOD	M 1

		Date and/or time, or period relevant to the specified date/time/period type.		
<b>M</b>	<b>2005</b>	<b>Date/time/period function code qualifier</b>	<b>M</b>	<b>an..3</b>
		Code giving specific meaning to a date, time or period.		
		Accepted values:		
	17	Delivery date/time, estimated Date and/or time when the shipper of the goods expects delivery will take place.		
	64	Delivery date/time, earliest Date identifying a point in time before which the goods shall not be delivered. Earliest drop off date/time of full container to the carrier.		
	180	Closing date/time Final date for delivering cargo to a liner ship. Latest date/time full container may be delivered to the carrier.		
	181	Positioning date/time of equipment Date/time when equipment is positioned. Date/time empty container will be positioned at customer's location.		
	200	Pick-up/collection date/time of cargo Date/time at which the cargo is picked up. Date/time container will be picked-up at the intermediate export stop off location or ship from location.		
	392	Equipment collection or pick-up date/time, earliest Date/time on which equipment can be picked up at the earliest. Earliest date/time empty container may be picked up.		
	395	Equipment positioning date/time, estimated Date/time on which equipment is estimated to be positioned (delivered). Date/time container will be positioned at the intermediate export stop off location.		
<b>M</b>	<b>2380</b>	<b>Date/time/period value</b>	<b>M</b>	<b>an..35</b>
		The value of a date, a date and time, a time or of a period in a specified representation.		
<b>M</b>	<b>2379</b>	<b>Date/time/period format code</b>	<b>M</b>	<b>an..3</b>
		Code specifying the representation of a date, time or period.		
		Date/Time (C507, 2380) must be consistent with the code sent in this element.		
		Accepted 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:** **UNT** Message Trailer

**Position:** 0930

**Group:**

**Level:** 0

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:** UNT+46+0001

#### Data Element Summary

Attributes	Data	Component	Req/Repeat/Repr
	<u>Element</u>	<u>Element</u> <u>Name</u>	
M	0074	<b>NUMBER OF SEGMENTS IN A MESSAGE</b> Control count of number of segments in a message.	M 1 n..6
M	0062	<b>MESSAGE REFERENCE NUMBER</b> Unique message reference assigned by the sender.	M 1 an..14

**Segment:** UNZ Interchange Trailer  
**Position:** 0940  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To end and check the completeness of an interchange

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:** UNZ+1+207

#### Data Element Summary

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