

DESCARTES™

The Global Leader in Logistics Technology



IFTMBC Firm booking confirmation ocean message

Version 1.0

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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	0010	UNH	Message Header	M	1		
M	0020	BGM	Beginning of Message	M	1		
M	0050	DTM	Date/Time/Period	M	9		
	0060	TSR	Transport Service Requirements	C	9		
	0070	FTX	Free Text	C	99		
	0090	GDS	Nature of Cargo	C	4		
	0100		Segment Group 1: LOC-DTM	C		4	
M	0110	LOC	Place/Location Identification	M	1		
	0120	DTM	Date/Time/Period	C	9		
	0130		Segment Group 2: RFF-DTM	C		99	
M	0140	RFF	Reference	M	1		
	0150	DTM	Date/Time/Period	C	9		
	0160	TCC	Transport Charge/Rate Calculations	C	9		
	0170		Segment Group 3: TDT-SG4	C		99	
M	0180	TDT	Details of Transport	M	1		
	0210		Segment Group 4: LOC-DTM	C		99	
M	0220	LOC	Place/Location Identification	M	1		
	0230	DTM	Date/Time/Period	C	9		
	0270		Segment Group 6: NAD-SG7	C		99	
M	0280	NAD	Name and Address	M	1		
	0300		Segment Group 7: CTA-COM	C		9	
M	0310	CTA	Contact Information	M	1		
	0320	COM	Communication Contact	C	9		

	0390		Segment Group 9: GID-TMP-FTX-GDS-SG11-SG12-SG13-SG15	C		999
M	0400	GID	Goods Item Details	M	1	
	0420	TMP	Temperature	C	1	
	0460	FTX	Free Text	C	9	
	0510	GDS	Nature of Cargo	C	9	
	0520		Segment Group 11: MEA	C		99
M	0530	MEA	Measurements	M	1	
	0550		Segment Group 12: DIM	C		99
M	0560	DIM	Dimensions	M	1	
	0580		Segment Group 13: RFF-DTM	C		9
M	0590	RFF	Reference	M	1	
	0600	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	99	
	0670		Segment Group 16: CTA-COM	C		9
M	0680	CTA	Contact Information	M	1	
	0690	COM	Communication Contact	C	9	
	0700		Segment Group 17: MEA	C		9
M	0710	MEA	Measurements	M	1	
	0730		Segment Group 18: EQD-EQN-TMD-MEA-DIM-HAN-TMP-FTX-RFF-SG19	C		999
M	0740	EQD	Equipment Details	M	1	
	0750	EQN	Number of Units	C	1	
	0760	TMD	Transport Movement Details	C	1	
	0770	MEA	Measurements	C	9	
	0780	DIM	Dimensions	C	9	
	0790	HAN	Handling Instructions	C	1	
	0800	TMP	Temperature	C	1	
	0820	FTX	Free Text	C	9	
	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	1	
M	0930	UNT	Message Trailer	M	1	

Segment: **UNH** Message Header

Position: 0010

Group:

Level: 0

Usage: Mandatory

Max Use: 1

Purpose: A service segment starting and uniquely identifying a message. The message type code for the 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:

Data Element Summary

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

		UN	UN/CEFACT		
			United Nations Centre for the Facilitation of procedures and practices for Administration, Commerce and Transport (UN/CEFACT).		
		0057	Association assigned code	C	an..6
			Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.		
			DSG10 Descartes v. 1.0		
X	0068		COMMON ACCESS REFERENCE	C	1 an..35
			Reference serving as a key to relate all subsequent transfers of data to the same business case or file.		
X	S010		STATUS OF THE TRANSFER	C	1
			Statement that the message is one in a sequence of transfers relating to the same topic.		
X		0070	Sequence message transfer number	M	n..2
			Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.		
X		0073	First/last sequence message transfer indication	C	a1
			Indication used for the first and last message in a sequence of the same type of message relating to the same topic.		
			Refer to D.99B Data Element Dictionary for acceptable code values.		

Segment: **BGM** Beginning of Message
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate the beginning of a message and to transmit identifying number and type of the message.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C002		DOCUMENT/MESSAGE NAME Identification of a type of document/message by code or name. Code preferred.	M 1
M		1001	Document name code Code specifying the document name. 770 Booking confirmation Document/message issued by a carrier to confirm that space has been reserved for a consignment in means of transport.	M an..3
X		1131	Code list identification code Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency code Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	C an..3
X		1000	Document name Free form description of the document.	C an..35
M	C106		DOCUMENT/MESSAGE IDENTIFICATION Identification of a document/message by its number and eventually its version or revision.	M 1
		1004	Document/message number Reference number assigned to the document/message by the issuer. Shipment reference number (returned from booking request). Blank for all carrier initiated bookings, also called standalone bookings.	C an..35
X		1056	Version To specify the version number or name of an object.	C an..9
X		1060	Revision number To specify a revision number.	C an..6

1225	MESSAGE FUNCTION CODE	C	1 an..3
	Code indicating the function of the message.		
	1	Cancellation	
		Message cancelling a previous transmission for a given transaction.	
		Also used in case the booking is declined/rejected.	
	5	Replace	
		Message replacing a previous message.	
		Not supported by INTTRA. The qualifier 6 or the split booking qualifiers (17 & 54) are used.	
	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.	
	12	Not processed	
		Message indicating that the referenced message was received but not yet processed.	
		Not supported by CargoSmart.	
		Carrier initial split booking cancellation or decline.	
	17	Cancel, to be reissued	
		Referenced transaction cancelled, reissued message will follow.	
		Not supported by CargoSmart.	
		Source booking replaced with splits.	
	54	Extract	
		A subset of the original.	
		Not supported by CargoSmart.	
		Carrier Initial Split booking confirmation.	
	NS	No Show	
		Not supported by INTTRA	
	PR	PreBooking	
		Not supported by INTTRA	
	WL	Wait Listed	
		Not supported by INTTRA	
4343	RESPONSE TYPE CODE	C	1 an..3
	Code specifying the type of acknowledgment required or transmitted.		
	To be used in combination with BGM/1225 values 6 and 54.		
	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.

Not supported by CargoSmart.

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

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M 1
M		2005	Date/time/period function code qualifier Code giving specific meaning to a date, time or period.	M an..3
		55	Confirmed date/time Date/time which has been confirmed. Not supported by INTTRA. Booking confirmed date/time.	
		137	Document/message date/time (2006) Date/time when a document/message is issued. This may include authentication. Processing date/time.	
		407	Document requested date/time Date/time on which the document is requested by a party. Not supported by CargoSmart. Final date/time for submitting the shipping instructions to the carrier.	
		2380	Date/time/period value The value of a date, a date and time, a time or of a period in a specified representation.	C an..35
		2379	Date/time/period format code Code specifying the representation of a date, time or period.	C an..3
		102	CCYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.	
		203	CCYMMDDHHMM Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.	

204

CCYYMMDDHHMMSS

Calendar date including time with seconds:

C=Century;Y=Year;

M=Month;D=Day;H=Hour;M=Minute;S=Second.

Segment: **TSR** Transport Service Requirements
Position: 0060
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to provide confirmation details of the required transport services.

Dependency Notes:
Semantic Notes:
Comments:

Notes: In case of door movements, "ship from" and "ship to" parties will normally be provided.

Data Element Summary

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

		Code specifying a service requirement.		
		Not supported by INTTRA (see EQD/TMD).		
		Service type at origin.		
		2 Full loads		
		Container to be stuffed or stripped under responsibility and for account of the shipper or the consignee.		
		3 Less than full loads		
		Container to be stuffed and stripped for account and risk of the carrier.		
X	1131	Code list identification code	C	an..3
		Identification of a code list.		
		Refer to D.99B Data Element Dictionary for acceptable code values.		
X	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list.		
		Refer to D.99B Data Element Dictionary for acceptable code values.		
	7273	Service requirement code	C	an..3
		Code specifying a service requirement.		
		Not supported by INTTRA (see EQD/TMD).		
		Service type at destination.		
		2 Full loads		
		Container to be stuffed or stripped under responsibility and for account of the shipper or the consignee.		
		3 Less than full loads		
		Container to be stuffed and stripped for account and risk of the carrier.		
X	1131	Code list identification code	C	an..3
		Identification of a code list.		
		Refer to D.99B Data Element Dictionary for acceptable code values.		
X	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list.		
		Refer to D.99B Data Element Dictionary for acceptable code values.		
X	C537	TRANSPORT PRIORITY	C	1
		To indicate the priority of requested transport service.		
X	4219	Transport priority, coded	O	an..3
		Coded priority of requested transport service.		
		Refer to D.99B Data Element Dictionary for acceptable code values.		
X	1131	Code list identification code	C	an..3
		Identification of a code list.		
		Refer to D.99B Data Element Dictionary for acceptable code values.		
X	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list.		
		Refer to D.99B Data Element Dictionary for acceptable code values.		

X	C703	NATURE OF CARGO Rough classification of a type of cargo.	C	1
X	7085	Nature of cargo, coded Code indicating the type of cargo as a rough classification. Refer to D.99B Data Element Dictionary for acceptable code values.	O	an..3
X	1131	Code list identification code Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	C	an..3
X	3055	Code list responsible agency code Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	C	an..3

Segment: **FTX** Free Text
Position: 0070
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99
Purpose: A segment to specify free form or processable supplementary information, such as status of transport, remarks to be printed on the transport documents (where required), consignment remarks, insurance instructions, etc., or any other additional information.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Feedback/comments from the carrier in this segment with qualifier AAI.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	4451		TEXT SUBJECT CODE QUALIFIER	M 1 an..3
			Code specifying the subject of the text.	
		AAA	Goods description [7002] Plain language description of the nature of the goods sufficient to identify them at the level required for banking, Customs, statistical or transport purposes, avoiding unnecessary detail (Generic term). Not supported by CargoSmart. Summary commodity description.	
		AAC	Dangerous goods additional information Additional information concerning dangerous goods. Not supported by CargoSmart. Summary UNDG numbers & IMO codes.	
		AAF	Rate additional information Specific details applying to rates. Not supported by CargoSmart. Vessel rate information.	
		AAI	General information General carrier comments/feedback.	
		ABD	Nature of transaction An indication for customs of the type of contract under which goods are supplied. Not supported by CargoSmart. Provided only in conjunction with split bookings (BGM, element 1225 = 54 or 12) to indicate original booking request, sequence of split booking and total number of split bookings per the original.	

		ABV	Acceptance terms additional Additional terms concerning acceptance. Not supported by CargoSmart. Terms & conditions.		
		ACB	Additional information Not supported by CargoSmart.		
		ACD	INTTRA generated summary of changes to the booking. Reason Reason for a request or response. Not supported by CargoSmart. Reason for status pending.		
		AES	Reason for amending a message Identification of the reason for amending a message. Not supported by CargoSmart. Carri reason for amending.		
		CCI	Customs clearance instructions Any coded or clear instruction agreed by customer and carrier regarding the declaration of the goods. Not supported by CargoSmart. Customer to handle AMS or other security filing.		
		CHG	Change information Note contains change information. Not supported by CargoSmart. Split reason.		
		CUS	Customs declaration information Note contains customs declaration information. Not supported by CargoSmart		
X	4453	TEXT FUNCTION, CODED		C	1 an..3
			Code specifying the purpose of the text. Refer to D.99B Data Element Dictionary for acceptable code values.		
	C107	TEXT REFERENCE		C	1
			Coded reference to a standard text and its source. Not supported by CargoSmart. Only to be used for qualifiers CCI, CUS, ACD & CHG in element 4451. Codes CHG, EVA, SAV & HCV normally only in status pending. Codes DOC, RLD & PCR normally in case of split bookings.		
M	4441	Free text value code		M	an..17
			Code specifying free form text. Not supported by CargoSmart		
		AMS	Customer to Handle AMS Filing Indicator for AMS. CCI in qualifier 4451.		
		CCN	Canadian Cargo Control Number		

		Canada CBSA supplementary cargo reports by registered forwarders. CUS in qualifier 4451.		
	CHG	Charge Verification ACD in qualifier 4451.		
	DOC	Documentation Split CHG in qualifier 4451.		
	EAV	Equipment Availability Verification ACD in qualifier 4451.		
	HCV	Hazardous Commodity Verification ACD in qualifier 4451.		
	NVO	NVOCC SCAC CCI in qualifier 4451. SCAC code NVOCC for Customs security filing (e.g. US AMS)		
	PCR	Per Container Release CHG in qualifier 4451.		
	RLD	Container Rolled CHG in qualifier 4451.		
	SAV	Slot Availability Verification ACD in qualifier 4451.		
	UCN	Customs Export Declaration Unique Consignment Reference (DUCR) CUS in qualifier 4451. Typically for UK.		
1131	Code list identification code		C	an..3
	Identification of a code list.			
	Not supported by CargoSmart			
	63	Handling action Codes for handling action. In case of qualifier CCI in 4451.		
	110	Customs special codes Customs code to indicate an exemption to a regulation or a special Customs treatment. In case of qualifier CUS in 4451.		
	218	Information request result Identifies a code list containing information request results. In case of qualifier ACD or CHG in 4451.		
3055	Code list responsible agency code		C	an..3
	Code specifying the agency responsible for a code list.			
	ZZZ	Mutually defined		

	C108	TEXT LITERAL	C	1
		Free text; one to five lines.		
M	4440	Free text value	M	an..512
		Free form text.		
	4440	Free text value	C	an..512
		Free form text.		
		Not supported by CargoSmart		
	4440	Free text value	C	an..512
		Free form text.		
	4440	Free text value	C	an..512
		Free form text.		
X	3453	LANGUAGE NAME CODE	C	1 an..3
		Code specifying the language name.		
X	4447	TEXT FORMATTING, CODED	C	1 an..3
		Code specifying the formatting parameters for the text.		
		Refer to D.99B Data Element Dictionary for acceptable code values.		

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: Not supported by CargoSmart, will be provided on GID level.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
	C703		NATURE OF CARGO Rough classification of a type of cargo.	C 1
M		7085	Nature of cargo, coded Code indicating the type of cargo as a rough classification.	M an..3
		5	Other non-containerized Non-containerized cargo which cannot be categorized by any of the other nature of cargo code.	
		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	Code list identification code Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency code Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	C an..3

Group: **LOC** Segment Group 1: Place/Location Identification
Position: 0100
Group:
Level: 1
Usage: Conditional (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.
Notes: Not supported by CargoSmart

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0110	LOC	Place/Location Identification	M	1	
	0120	DTM	Date/Time/Period	C	9	

Segment: **LOC** Place/Location Identification
Position: 0110 (Trigger Segment)
Group: Segment Group 1 (Place/Location Identification) Conditional (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:

Not supported by Cargosmart.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	3227		LOCATION FUNCTION CODE QUALIFIER Code identifying the function of a location.	M 1 an..3
		10	Place of acceptance (3348) Place at which the goods are taken over by the carrier.	
		24	Port of entry Port where final documentation is filed for Customs Entry processing.	
		87	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	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).	
			Last non-US port visited for vessels to North America (US AMS requirements).	
	C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C 1
		3225	Location name code Code specifying the name of the location.	C an..25
		1131	Code list identification code Identification of a code list.	C an..3

		181	Activity Code identifying activities.		
	3055	Code list responsible agency code		C	an..3
			Code specifying the agency responsible for a code list.		
		6	UN/ECE (United Nations - Economic Commission for Europe)		
		<i>ZZZ</i>	Mutually defined		
	3224	Location name		C	an..256
			Name of the location.		
C519		RELATED LOCATION ONE IDENTIFICATION		C	1
			Identification the first related location by code or name.		
	3223	Related place/location one identification		C	an..25
			Specification of the first related place/location by code.		
			ISO 2-character country code.		
	1131	Code list identification code		C	an..3
			Identification of a code list.		
		162	Country Identification of a country.		
	3055	Code list responsible agency code		C	an..3
			Code specifying the agency responsible for a code list.		
		5	ISO (International Organization for Standardization)		
	3222	Related place/location one		C	an..70
			Specification of the first related place/location by name.		
			Country name.		
C553		RELATED LOCATION TWO IDENTIFICATION		C	1
			Identification of second related location by code or name.		
X	3233	Related place/location two identification		C	an..25
			Specification of a second related place/location by code.		
X	1131	Code list identification code		C	an..3
			Identification of a code list.		
			Refer to D.99B Data Element Dictionary for acceptable code values.		
X	3055	Code list responsible agency code		C	an..3
			Code specifying the agency responsible for a code list.		
			Refer to D.99B Data Element Dictionary for acceptable code values.		
	3232	Related place/location two		C	an..70
			Specification of a second related place/location by name.		
			State/province name or code.		
X	5479	RELATION, CODED		C	1 an..3
			To specify the relationship between two or more items.		

Segment: **DTM** Date/Time/Period
Position: 0120
Group: Segment Group 1 (Place/Location Identification) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to indicate date(s) and time(s) relating to the location.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M 1
M		2005	Date/time/period function code qualifier Code giving specific meaning to a date, time or period.	M an..3
			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/EU port (required for Customs security filing)	
			150 Declaration/presentation date Date when item has been or has to be declared/presented. Date security filing (e.g. AMS) is due.	
		2380	Date/time/period value The value of a date, a date and time, a time or of a period in a specified representation.	C an..35
		2379	Date/time/period format code Code specifying the representation of a date, time or period.	C an..3
			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

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0140	RFF	Reference	M	1	
	0150	DTM	Date/Time/Period	C	9	

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: Carrier's booking number will be included in segment with qualifier BN.
 The portal (INTTRA, CargoSmart) booking reference will be returned in qualifier ZZZ.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C506		REFERENCE Identification of a reference.	M 1
M		1153	Reference function code qualifier Code giving specific meaning to a reference segment or a reference number.	M an..3
		AFG	Tariff number Not supported by CargoSmart.	
		AGB	Contract party reference number Reference number assigned to a party for a particular contract. Not supported by CargoSmart	
		AGE	Agent's reference Reference number of the agent. Not supported by CargoSmart	
		AGO	Outbound booking agent reference. Sender's reference to the original message The reference provided by the sender of the original message. Not supported by CargoSmart.	
		AKG	Source booking numbers in case of splits. Vehicle Identification Number (VIN) The identification number which uniquely distinguishes one vehicle from another through the lifespan of the vehicle. Not supported by CargoSmart	
		ANT	Consignee's reference	

	Reference number of the consignee.
	Not supported by CargoSmart
BM	Bill of lading number Reference number assigned to a bill of lading, see: 1001 = 705.
	Not supported by CargoSmart
BN	Booking reference number [1016] Reference number assigned by the carrier or his agent when cargo space is reserved prior to loading.
	Carrier booking number.
CN	Carrier's reference number Reference number assigned by carrier to a consignment.
	Not supported by CargoSmart
	Local booking number.
CR	Customer reference number Reference number assigned by the customer to a transaction.
	Not supported by INTTRA, qualifier FF or SI are used for this.
CT	Contract number Reference number of a contract concluded between parties.
EX	Export licence number [1208] Reference number assigned by issuing authority to an Export Licence.
	Not supported by CargoSmart
FF	Freight forwarder's reference number [1460] Reference number assigned to the consignment by the freight forwarder.
	Not supported by CargoSmart
IN	Invoice Number
	Not supported by INTTRA
LI	Line item reference number (1156) Reference number identifying a particular line in a document.
	Not supported by CargoSmart.
	Only in relation to qualifier CT.
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.
	Not supported by CargoSmart.

		Container release.		
	SI	SID (Shipper's identifying number for shipment)		
		Description to be provided.		
	SO	Shipper Order Number		
		Not supported by INTTRA		
	ZZZ	Mutually defined reference number		
		Number based on party agreement.		
		Carrier portal (e.g. INTTRA) unique booking reference number.		
	1154	Reference identifier	C	an..35
		Identifies a reference.		
X	1156	Line number	C	an..6
		Number of the line in the document/message referenced in 1154 Reference identifier.		
X	4000	Reference version identifier	C	an..35
		To identify the version of a reference.		
X	1060	Revision number	C	an..6
		To specify a revision number.		

Segment: **DTM** Date/Time/Period
Position: 0150
Group: Segment Group 2 (Reference) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to indicate date and time relating to the reference.
Dependency Notes:
Semantic Notes:
Comments:
Notes: Not supported by CargoSmart

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M 1
M		2005	Date/time/period function code qualifier Code giving specific meaning to a date, time or period.	M an..3
		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.	
		2380	Date/time/period value The value of a date, a date and time, a time or of a period in a specified representation.	C an..35
		2379	Date/time/period format code Code specifying the representation of a date, time or period.	C an..3
		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: 9
Purpose: A segment to provide information on the charges associated with the transport.

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

Notes: Not supported by CargoSmart.
Used to confirm charges by the carrier.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
C200		CHARGE	C	1
		Identification of a charge by code and/or by name.		
	8023	Freight and charges identification	C	an..17
		Coded description of freight charges and other charges (used in combination with 1131/3055).		
		1 All Charges		
		If 1 is supplied, all the other qualifiers cannot be used.		
		2 Additional Charges		
		4 Basic Freight		
		5 Destination Haulage Charges		
		7 Destination Port Charges		
		10 Origin Port Charges		
		11 Origin Haulage Charges		
	1131	Code list identification code	C	an..3
		Identification of a code list.		
		ZZZ Mutually defined		
X	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list.		
		Refer to D.99B Data Element Dictionary for acceptable code values.		
	8022	Freight and charges	C	an..26
		Plain language statement describing freight and other charges.		
X	4237	Prepaid/collect indicator, coded	C	an..3
		Code indicating whether freight item amount is prepaid or to be collected.		
		Refer to D.99B Data Element Dictionary for acceptable code values.		
X	7140	Item number	C	an..35

X	C203	A number allocated to a group or item. RATE/TARIFF CLASS	C	1
		Identification of the applicable rate/tariff class.		
X	5243	Rate/tariff class identification	M	an..9
		Identification of the rate/tariff class. Refer to D.99B Data Element Dictionary for acceptable code values.		
X	1131	Code list identification code	C	an..3
		Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.		
X	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.		
X	5242	Rate/tariff class	C	an..35
		Description of applicable rate/tariff class.		
X	5275	Supplementary rate/tariff basis identification	C	an..6
		Code identifying supplementary rate/tariff.		
X	1131	Code list identification code	C	an..3
		Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.		
X	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.		
X	5275	Supplementary rate/tariff basis identification	C	an..6
		Code identifying supplementary rate/tariff.		
X	1131	Code list identification code	C	an..3
		Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.		
X	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.		
X	C528	COMMODITY/RATE DETAIL	C	1
		Identification of commodity/rates.		
X	7357	Commodity/rate identification	C	an..18
		Code identifying goods for Customs, transport or statistical purposes (generic term).		
X	1131	Code list identification code	C	an..3
		Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.		
X	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list.		

X	C554	Refer to D.99B Data Element Dictionary for acceptable code values. RATE/TARIFF CLASS DETAIL	C	1
		Identification of the applicable rate/tariff class.		
X	5243	Rate/tariff class identification	C	an..9
		Identification of the rate/tariff class.		
		Refer to D.99B Data Element Dictionary for acceptable code values.		
X	1131	Code list identification code	C	an..3
		Identification of a code list.		
		Refer to D.99B Data Element Dictionary for acceptable code values.		
X	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list.		
		Refer to D.99B Data Element Dictionary for acceptable code values.		

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

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0180	TDT	Details of Transport	M	1	
	0210		Segment Group 4: Place/Location Identification	C		99

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:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	8051		TRANSPORT STAGE CODE QUALIFIER Code qualifying a specific stage of transport.	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		CONVEYANCE REFERENCE NUMBER Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term). Voyage number.	C 1 an..17
	C220		MODE OF TRANSPORT Method of transport code or name. Code preferred.	C 1
		8067	Transport mode name code Code specifying the name of a mode of transport.	C an..3
		1	Maritime	
		2	Rail transport	
		3	Road transport	
		8	Inland water transport	
		23	Rail/road	
		28	Rail/water	
		38	Road/water	
X		8066	Transport mode name	C an..17

		Name of a mode of transport.		
C228		TRANSPORT MEANS	C	1
		Code and/or name identifying the type of means of transport.		
		Not supported by Cargosmart.		
	8179	Transport means description code	C	an..8
		Code specifying the means of transport.		
	8	Container ship Vessel capable of carrying containers and other cargo.		
	11	Ship A large vessel navigating deep water.		
	13	Ocean vessel An ocean-going vessel that is not a ship.		
	16	Barge A category of boat used to transport material over water.		
	25	Rail express Description to be provided.		
	31	Truck An automotive vehicle for hauling goods.		
	8178	Transport means description	C	an..17
		Free form description of the means of transport.		
C040		CARRIER	C	1
		Identification of a carrier by code and/or by name. Code preferred.		
	3127	Carrier identification	C	an..17
		Identification of party undertaking or arranging transport of goods between named points.		
		SCAC code carrier (main transport)		
	1131	Code list identification code	C	an..3
		Identification of a code list.		
	172	Carriers Code list identifying carriers.		
	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list.		
	182	US, Standard Carrier Alpha Code (Motor) Organisation maintaining the SCAC lists and transportation operating in North America.		
X	3128	Carrier name	C	an..35
		Name of party undertaking or arranging transport of goods between named points.		
X	8101	TRANSIT DIRECTION INDICATOR CODE	C	1 an..3
		Code specifying the direction of transport.		
		Refer to D.99B Data Element Dictionary for acceptable code values.		

X	C401	EXCESS TRANSPORTATION INFORMATION	C	1	To provide details of reason for, and responsibility for, use of transportation other than normally utilized.
X		8457 Excess transportation reason, coded	M	an..3	Indication of reason for excess transportation.
X		8459 Excess transportation responsibility, coded	M	an..3	Indication of responsibility for excess transportation.
X		7130 Customer authorization number	C	an..17	Customer provided authorization number to allow supplier to ship goods under specific freight conditions. This number will be transmitted back to customer in the dispatch advice message.
	C222	TRANSPORT IDENTIFICATION	C	1	Code and/or name identifying the means of transport.
		8213 Transport means identification name identifier	C	an..9	Identifies the name of the transport means. Lloyd's number or call sign.
		1131 Code list identification code	C	an..3	Identification of a code list. 103 Call sign directory A directory of call signs assigned to transport vehicles. ZZ1 Lloyd's number
		3055 Code list responsible agency code	C	an..3	Code specifying the agency responsible for a code list. 11 Lloyd's register of shipping A register of ocean going vessels maintained by Lloyd's of London.
		8212 Transport means identification name	C	an..35	Name identifying a means of transport. Vessel name.
		8453 Nationality of means of transport, coded	C	an..3	Coded name of the country in which a means of transport is registered. ISO 2-character country code.
X	8281	TRANSPORT OWNERSHIP, CODED	C	1 an..3	Code indicating the ownership of the means of transport.

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: 99
Purpose: A group of segments to specify a location and date/time related to this leg of transport.

Segment Summary

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0220	LOC	Place/Location Identification	M	1	
	0230	DTM	Date/Time/Period	C	9	

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: Qualifiers 9 & 11 are used with TDT, qualifier 20.
 Qualifier 88 is used with TDT qualifier 10.
 Qualifier 7 is used with TDT qualifier 30.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	3227		LOCATION FUNCTION CODE QUALIFIER Code identifying the function of a location.	M 1 an..3
		7	Place of delivery (3246) Place to which the goods are to be finally delivered under transport contract terms (operational term).	
		9	Place/port of loading (3334 + 3230) Seaport, airport, freight terminal, rail station or other place at which the goods (cargo) are loaded on to the means of transport being used for their carriage.	
		11	Place/port of discharge (3392 + 3414) Seaport, airport, freight terminal, rail station or other place at which the goods (cargo) are unloaded from the means of transport having been used for their carriage.	
		88	Place of receipt Identification of the location at which the cargo is actually received.	
	C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C 1
		3225	Location name code Code specifying the name of the location.	C an..25
		1131	Code list identification code Identification of a code list.	C an..3
		139	Port	

		A location having facilities for means of transport to load or discharge cargo.		
	229	Geographic location		
		Identifies a code list containing geographic locations.		
		Inland location.		
		Not supported by INTTRA, will always be 139, even in case of inland location.		
	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list.		
	6	UN/ECE (United Nations - Economic Commission for Europe)		
	ZZZ	Mutually defined		
	3224	Location name	C	an..256
		Name of the location.		
C519		RELATED LOCATION ONE IDENTIFICATION	C	1
		Identification the first related location by code or name.		
		Not used by INTTRA.		
	3223	Related place/location one identification	C	an..25
		Specification of the first related place/location by code.		
		Airport or city.		
	1131	Code list identification code	C	an..3
		Identification of a code list.		
	145	Airport/city		
		As described and published by IATA.		
	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list.		
	5	ISO (International Organization for Standardization)		
	6	UN/ECE (United Nations - Economic Commission for Europe)		
	3222	Related place/location one	C	an..70
		Specification of the first related place/location by name.		
C553		RELATED LOCATION TWO IDENTIFICATION	C	1
		Identification of second related location by code or name.		
	3233	Related place/location two identification	C	an..25
		Specification of a second related place/location by code.		
		ISO 2-character country code.		
	1131	Code list identification code	C	an..3
		Identification of a code list.		
	162	Country		
		Identification of a country.		
	3055	Code list responsible agency code	C	an..3

		Code specifying the agency responsible for a code list.		
		5 ISO (International Organization for Standardization)		
	3232	Related place/location two	C	an..70
		Specification of a second related place/location by name.		
		Country name.		
X	5479	RELATION, CODED	C	1 an..3
		To specify the relationship between two or more items.		

Segment: **DTM** Date/Time/Period
Position: 0230
Group: Segment Group 4 (Place/Location Identification) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 9
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:
 Qualifiers used for place of receipt: 133, 180
 Qualifiers used for port of load: 133, 180
 Qualifiers used for port of discharge: 132
 Qualifiers used for place of delivery: 132

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M 1
M		2005	Date/time/period function code qualifier Code giving specific meaning to a date, time or period.	M an..3
		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.	
		133	Departure date/time, estimated Date/time when carrier estimates that a means of transport should depart at the place of departure.	
		180	Closing date/time Final date for delivering cargo to a liner ship.	
			Cut-off date.	
		2380	Date/time/period value The value of a date, a date and time, a time or of a period in a specified representation.	C an..35
		2379	Date/time/period format code Code specifying the representation of a date, time or period.	C an..3
		102	CCYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.	
		203	CCYMMDDHHMM 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: Conditional (Optional)
Max Use: 99
Purpose: A group of segments to identify a party, related references, locations contacts, required documents, and charges to be paid by the party.

Segment Summary

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
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) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the party's name, address, and function.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	3035		PARTY FUNCTION CODE QUALIFIER	M 1 an..3
			Code giving specific meaning to a party.	
		BO	Broker or sales office Party acting in the name of the seller as broker or as sales office. Not supported by CargoSmart.	
		CA	Carrier booking office. 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. Not supported by CargoSmart.	
		FP	Contract party. Freight/charges payer Party responsible for the payment of freight. Not supported by CargoSmart	
		FW	Freight forwarder Party arranging forwarding of goods.	
		N1	Notify party no. 1 The first party which is to be notified.	

			Not supported by CargoSmart.
			Main notify party.
	N2		Notify party no. 2
			The second party which is to be notified.
			Not supported by CargoSmart
	N3		Notify party 3
	ZZZ		Mutually defined
			Party specification mutually agreed between interchanging parties.
			Booking party.
	C082	PARTY IDENTIFICATION DETAILS	C 1
			Identification of a transaction party by code.
M	3039	Party identifier	M an..35
			Code specifying the identity of a party.
			Carrier SCAC code (qualifier CA) or customer specific ID. For the latter Cargosmart only supports the carrier code of the customer, no alias ID.
	1131	Code list identification code	C an..3
			Identification of a code list.
	160	Party identification	
		Identification of parties, corporates, etc.	
	3055	Code list responsible agency code	C an..3
			Code specifying the agency responsible for a code list.
			Not supported by CargoSmart
	16	US, D&B (Dun & Bradstreet Corporation)	
		Identifies the Dun & Bradstreet Corporation, United States.	
	86	Assigned by party originating the message	
		Codes assigned by the party originating the message.	
	192	Shipper's association	
		Code assigned by a shipper's association.	
	ZZZ	Mutually defined	
	C058	NAME AND ADDRESS	C 1
			Unstructured name and address: one to five lines.
			Not supported by CargoSmart, address details in separate fields party name, street number, etc.
M	3124	Name and address line	M an..35
			Free form name and address description.
	3124	Name and address line	C an..35
			Free form name and address description.
	3124	Name and address line	C an..35

		Free form name and address description.		
	3124	Name and address line	C	an..35
		Free form name and address description.		
	3124	Name and address line	C	an..35
		Free form name and address description.		
	C080	PARTY NAME	C	1
		Identification of a transaction party by name, one to five lines. Party name may be formatted.		
		Not supported by INTTRA		
M	3036	Party name	M	an..35
		Name of a party involved in a transaction.		
	3036	Party name	C	an..35
		Name of a party involved in a transaction.		
X	3036	Party name	C	an..35
		Name of a party involved in a transaction.		
X	3036	Party name	C	an..35
		Name of a party involved in a transaction.		
X	3036	Party name	C	an..35
		Name of a party involved in a transaction.		
X	3045	Party name format code	C	an..3
		Code specifying the representation of a party name.		
		Refer to D.99B Data Element Dictionary for acceptable code values.		
	C059	STREET	C	1
		Street address and/or PO Box number in a structured address: one to four lines.		
M	3042	Street and number/p.o. box	M	an..35
		Street and number in plain language, or Post Office Box No.		
	3042	Street and number/p.o. box	C	an..35
		Street and number in plain language, or Post Office Box No.		
	3042	Street and number/p.o. box	C	an..35
		Street and number in plain language, or Post Office Box No.		
		Not supported by INTTRA.		
X	3042	Street and number/p.o. box	C	an..35
		Street and number in plain language, or Post Office Box No.		
	3164	CITY NAME	C	1 an..35
		Name of a city (a town, a village) for addressing purposes.		
		Not supported by INTTRA		
	C819	COUNTRY SUB-ENTITY DETAILS	C	1
		To specify a part of a country (eg county or part of a city).		
		Not supported by INTTRA		
	3229	Country sub-entity name code	C	an..9

		Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies. Not supported by INTTRA.		
X	1131	Code list identification code Identification of a code list. 84 State code A code list of states within a country.	C	an..3
X	3055	Code list responsible agency code Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	C	an..3
X	3228	Country sub-entity name Name of sub-entities (state, province) defined by appropriate governmental agencies.	C	an..35
	3251	POSTAL IDENTIFICATION CODE Code specifying the postal zone or address.	C	1 an..17
	3207	COUNTRY NAME CODE Identification of the name of the country or other geographical entity as specified in ISO 3166. ISO 2-character country code.	C	1 an..3

Group: **CTA** Segment Group 7: Contact Information
Position: 0300
Group: Segment Group 6 (Name and Address) Conditional (Optional)
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

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

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
		CONTACT FUNCTION CODE	C 1 an..3
		Code specifying the function of a contact (e.g. department or person).	
	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.	
	IC	Information contact Department/person to contact for questions regarding transactions. Used with all NAD qualifiers other than CA.	
	C056	DEPARTMENT OR EMPLOYEE DETAILS	C 1
		Code and/or name of a department or employee. Code preferred.	
X	3413	Department or employee identification Internal identification code.	C an..17
	3412	Department or employee The department or person within an organizational entity.	C an..35

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

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C076		COMMUNICATION CONTACT Communication number of a department or employee in a specified channel.	M 3
M		3148	Communication number The communication number.	M an..512
M		3155	Communication number code qualifier Code qualifying the communication number.	M an..3
		EM	Electronic mail Exchange of mail by electronic means.	
		FX	Telefax Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media. Not supported by CargoSmart	
		TE	Telephone Voice/data transmission by telephone.	

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

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0400	GID	Goods Item Details	M	1	
	0420	TMP	Temperature	C	1	
	0460	FTX	Free Text	C	9	
	0510	GDS	Nature of Cargo	C	9	
	0520		Segment Group 11: Measurements	C		99
	0550		Segment Group 12: Dimensions	C		99
	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:

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
1496		GOODS ITEM NUMBER Serial number differentiating each separate goods item entry of a consignment as contained in one document/declaration.	C 1 n..5
C213		NUMBER AND TYPE OF PACKAGES Number and type of individual parts of a shipment.	C 1
	7224	Number of packages Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	C n..8
	7065	Package type description code Code specifying the type of package. UN/Recommendation 21 codes (revision 4)	C an..17
	1131	Code list identification code Identification of a code list. Not supported by CargoSmart	C an..3
		67 Type of package Indication of the type of package codes.	
	3055	Code list responsible agency code Code specifying the agency responsible for a code list. 6 UN/ECE (United Nations - Economic Commission for Europe)	C an..3
	7064	Type of packages Description of the form in which goods are presented.	C an..35
X	7233	Packaging related description code Code specifying information related to packaging. Refer to D.99B Data Element Dictionary for acceptable code values.	C an..3
	C213	NUMBER AND TYPE OF PACKAGES	C 1

		Number and type of individual parts of a shipment.		
		Not supported by Cargosmart.		
	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.		
	7065	Package type description code	C	an..17
		Code specifying the type of package.		
	1131	Code list identification code	C	an..3
		Identification of a code list.		
	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.		
	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.		
X	7233	Packaging related description code	C	an..3
		Code specifying information related to packaging.		
		Refer to D.99B Data Element Dictionary for acceptable code values.		
	C213	NUMBER AND TYPE OF PACKAGES	C	1
		Number and type of individual parts of a shipment.		
		Not supported by Cargosmart.		
	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.		
	7065	Package type description code	C	an..17
		Code specifying the type of package.		
	1131	Code list identification code	C	an..3
		Identification of a code list.		
	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.		
	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.		
X	7233	Packaging related description code	C	an..3
		Code specifying information related to packaging.		
		Refer to D.99B Data Element Dictionary for acceptable code values.		

X	C213	NUMBER AND TYPE OF PACKAGES	C	1	Number and type of individual parts of a shipment.
X		7224 Number of packages	C	n..8	Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.
X		7065 Package type description code	C	an..17	Code specifying the type of package.
X		1131 Code list identification code	C	an..3	Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.
X		3055 Code list responsible agency code	C	an..3	Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.
X		7064 Type of packages	C	an..35	Description of the form in which goods are presented.
X		7233 Packaging related description code	C	an..3	Code specifying information related to packaging. Refer to D.99B Data Element Dictionary for acceptable code values.
X	C213	NUMBER AND TYPE OF PACKAGES	C	1	Number and type of individual parts of a shipment.
X		7224 Number of packages	C	n..8	Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.
X		7065 Package type description code	C	an..17	Code specifying the type of package.
X		1131 Code list identification code	C	an..3	Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.
X		3055 Code list responsible agency code	C	an..3	Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.
X		7064 Type of packages	C	an..35	Description of the form in which goods are presented.
X		7233 Packaging related description code	C	an..3	Code specifying information related to packaging. Refer to D.99B Data Element Dictionary for acceptable code values.

Segment: **TMP** Temperature
Position: 0420
Group: Segment Group 9 (Goods Item Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify a temperature setting for a goods item.
Dependency Notes:
Semantic Notes:
Comments:
Notes: Not supported in INTTRA (on EQD level).

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	6245		TEMPERATURE QUALIFIER A code giving specific meaning to the temperature. Refer to D.99B Data Element Dictionary for acceptable code values.	M 1 an..3
	C239		TEMPERATURE SETTING The temperature under which the goods are (to be) stored or shipped.	C 1
	6246		Temperature setting The actual temperature value in degrees Celsius (e.g. 008, 020).	C n3
	6411		Measurement unit code Code specifying the unit of measurement. CEL Celsius FAH Fahrenheit	C an..3

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

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	4451		TEXT SUBJECT CODE QUALIFIER Code specifying the subject of the text.	M 1 an..3
		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. Not supported by CargoSmart.	
		CUS	Commodity classification. Customs declaration information Note contains customs declaration information. Not supported by CargoSmart.	
X	4453		TEXT FUNCTION, CODED Code specifying the purpose of the text. Refer to D.99B Data Element Dictionary for acceptable code values.	C 1 an..3
	C107		TEXT REFERENCE Coded reference to a standard text and its source. Not supported by Cargosmart.	C 1
M	4441		Free text value code Code specifying free form text. Not supported by Cargosmart. Qualifier CUS. CBSA (Canada) supplementary report registered forwarders.	M an..17
		CCN	Canadian Cargo Control Number Qualifier CUS. CBSA supplementary cargo report registered forwarders (Canada).	

		HC	Harmonized Code Qualifier ADE.		
		SB	Schedule B Number Qualifier ADE.		
		UCN	Customs Export Declaration Unique Consignment Reference (DUCR) Qualifier CUS. Typically for UK.		
		1131	Code list identification code	C	an..3
			Identification of a code list.		
		76	Export commodity classification (US Schedule B) Code list containing the commodity classifications applying to goods being exported (United States Schedule B). Qualifier ADE/SB		
		110	Customs special codes Customs code to indicate an exemption to a regulation or a special Customs treatment. Qualifier UCN		
		169	Harmonized system Identification of commodities according to the Harmonized System. Qualifier ADE/HC		
		3055	Code list responsible agency code	C	an..3
			Code specifying the agency responsible for a code list.		
		<i>ZZZ</i>	Mutually defined		
	C108		TEXT LITERAL	C	1
			Free text; one to five lines.		
M		4440	Free text value	M	an..512
			Free form text.		
		4440	Free text value	C	an..512
			Free form text.		
		4440	Free text value	C	an..512
			Free form text.		
		4440	Free text value	C	an..512
			Free form text.		
X	3453		LANGUAGE NAME CODE	C	1 an..3
			Code specifying the language name.		
X	4447		TEXT FORMATTING, CODED	C	1 an..3

Code specifying the formatting parameters for the text.
Refer to D.99B Data Element Dictionary for acceptable code values.

Segment: **GDS** Nature of Cargo
Position: 0510
Group: Segment Group 9 (Goods Item Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to describe the nature of cargo.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Not used by INTTRA (only GDS on header)

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
	C703		NATURE OF CARGO Rough classification of a type of cargo.	C 1
M		7085	Nature of cargo, coded Code indicating the type of cargo as a rough classification.	M an..3
		10	Breakbulk Non-containerized cargo stowed in vessels' holds.	
		11	Hazardous cargo Cargo with dangerous properties, according to appropriate dangerous goods regulations.	
		12	General cargo Cargo of a general nature, not otherwise specified.	
		14	Temperature controlled cargo Cargo transported under specified temperature conditions.	
		ZZ1	Awkward dangerous cargo	
		ZZ2	Reefer dangerous cargo	
X		1131	Code list identification code Identification of a code list.	C an..3
X		3055	Code list responsible agency code Code specifying the agency responsible for a code list.	C 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: 99
Purpose: A group of segments to specify measurements applicable to a goods item.

Segment Summary

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
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:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	6311		MEASUREMENT ATTRIBUTE CODE Code specifying the measurement attribute. AAE Measurement [6314] Value of the measured unit.	M 1 an..3
	C502		MEASUREMENT DETAILS Identification of measurement type.	C 1
		6313	Measured attribute code Code specifying the attribute measured. AAL Net weight [6160] Weight (mass) of goods including any packing normally going with them to a buyer in a retail sale. Not used by INTTRA 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.	C an..3
X		6321	Measurement significance, coded Code specifying the significance of a measurement value. Refer to D.99B Data Element Dictionary for acceptable code values.	C an..3
X		6155	Non-discrete measurement name code Code specifying the name of a non-discrete measurement. Refer to D.99B Data Element Dictionary for acceptable code values.	C an..17
X		6154	Non-discrete measurement name Name of a non-discrete measurement.	C an..70
	C174		VALUE/RANGE	C 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.		
		FTQ	Cubic Feet	
			Not supported by CargoSmart	
		KGM	Kilograms	
		LBR	Pounds	
		MTQ	Cubic Metres	
		TON	Tons	
			Not supported by INTTRA	
	6314	Measurement value	C	an..18
		Value of the measured unit.		
X	6162	Range minimum	C	n..18
		Minimum of a range.		
X	6152	Range maximum	C	n..18
		Maximum of a range.		
X	6432	Significant digits	C	n..2
		To specify the number of significant digits.		
X	7383	SURFACE/LAYER CODE	C	1 an..3
		Code specifying the surface or layer of an object.		
		Refer to D.99B Data Element Dictionary for acceptable code values.		

Group: **DIM** Segment Group 12: Dimensions
Position: 0550
Group: Segment Group 9 (Goods Item Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 99
Purpose: A group of segments to specify dimensions applicable to a goods item.

Segment Summary

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
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:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	6145		DIMENSION QUALIFIER To specify the dimensions applicable to each of the transportable units.	M 1 an..3
		2	Package dimensions (including goods)	
			The dimension of the goods including the packaging.	
		9	Off-standard dimension general	
			The dimensions that the cargo exceeds the standard dimensions.	
			Not supported by INTTRA	
M	C211		DIMENSIONS Specification of the dimensions of a transportable unit.	M 1
M		6411	Measurement unit code Code specifying the unit of measurement.	M an..3
		FET	Feet	
		MTR	Metres	
		6168	Length dimension Length of pieces or packages stated for transport purposes.	C n..15
		6140	Width dimension Width of pieces or packages stated for transport purposes.	C n..15
		6008	Height dimension Height of pieces or packages stated for transport purposes.	C n..15

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.
Notes: Not supported by CargoSmart

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0590	RFF	Reference	M	1	
	0600	DTM	Date/Time/Period	C	9	

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: Not supported by Cargosmart.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C506		REFERENCE Identification of a reference.	M 1
M		1153	Reference function code qualifier Code giving specific meaning to a reference segment or a reference number.	M an..3
		ABW	Stock keeping unit number	
			SKU stock keeping unit.	
		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.	
		ON	Order number (purchase) [1022] Reference number assigned by the buyer to an order.	
		1154	Reference identifier Identifies a reference.	C an..35
X		1156	Line number Number of the line in the document/message referenced in 1154 Reference identifier.	C an..6
X		4000	Reference version identifier To identify the version of a reference.	C an..35
X		1060	Revision number To specify a revision number.	C an..6

Segment: **DTM** Date/Time/Period
Position: 0600
Group: Segment Group 13 (Reference) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to indicate date and time relating to the reference.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Not supported by Cargosmart.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M 1
M		2005	Date/time/period function code qualifier Code giving specific meaning to a date, time or period.	M an..3
		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.	
		2380	Date/time/period value The value of a date, a date and time, a time or of a period in a specified representation.	C an..35
		2379	Date/time/period format code Code specifying the representation of a date, time or period.	C an..3
		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

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0650	DGS	Dangerous Goods	M	1	
	0660	FTX	Free Text	C	99	
	0670		Segment Group 16: Contact Information	C		9
	0700		Segment Group 17: Measurements	C		9

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:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
	8273		DANGEROUS GOODS REGULATIONS CODE Code specifying a dangerous goods regulation.	C 1 an..3
		IMD	IMO IMDG code Regulations regarding the transportation of dangerous goods on ocean-going vessels issued by the International Maritime Organization.	
	C205		HAZARD CODE The identification of the dangerous goods in code.	C 1
M		8351	Hazard code identification Dangerous goods code.	M an..7
			Imo class.	
		8078	Hazard substance/item/page number Number giving additional hazard code classification of a goods item within the applicable dangerous goods regulation.	C an..7
		8092	Hazard code version number The version/revision number of date of issuance of the code used.	C an..10
	C234		UNDG INFORMATION Information on dangerous goods, taken from the United Nations Dangerous Goods classification.	C 1
		7124	UNDG number Unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried.	C n4
			UN number.	
X		7088	Dangerous goods flashpoint Lowest temperature, in the case of dangerous goods, at which vapour from an inflammable liquid forms an ignitable mixture with air.	C an..8
	C223		DANGEROUS GOODS SHIPMENT FLASHPOINT Temperature at which a vapor can be ignited as per ISO 1523/73.	C 1

7106	Shipment flashpoint	C	n3
	Temperature in centigrade determined by the closed cup test as per ISO 1523/73 where a vapour is given off that can be ignited.		
6411	Measurement unit code	C	an..3
	Code specifying the unit of measurement.		
	CEL	Celsius	
	FAH	Fahrenheit	
8339	PACKING GROUP, CODED	C	1 an..3
	Identification of a packing group by code.		
	1	Great danger	
		Packaging meeting criteria to pack hazardous materials with great danger. Group I according to IATA/IMDG/ADR/RID regulations.	
	2	Medium danger	
		Packaging meeting criteria to pack hazardous materials with medium danger. Group II according to IATA/IDMG/ADR/RID regulations.	
	3	Minor danger	
		Packaging meeting criteria to pack hazardous materials with minor danger. Group III according to IATA/IDMG/ADR/RID regulations.	
8364	EMS NUMBER	C	1 an..6
	Emergency procedures for ships carrying dangerous goods.		
8410	MFAG	C	1 an..4
	Medical first aid guide.		
	Not used by INTTRA.		
8126	TREM CARD NUMBER	C	1 an..10
	The identification of a transport emergency card giving advice for emergency actions.		
	Not used by Cargosmart.		
C235	HAZARD IDENTIFICATION PLACARD DETAILS	C	1
	These numbers appear on the hazard identification placard required on the means of transport.		
	Not used by INTTRA.		
8158	Hazard identification number, upper part	C	an..4
	The id. number for the Orange Placard (upper part) required on the means of transport.		
8186	Substance identification number, lower part	C	an4
	The number for the Orange Placard (lower part) required on the means of transport.		
C236	DANGEROUS GOODS LABEL	C	1
	Markings identifying the type of hazardous goods and similar information.		
8246	Dangerous goods label marking	C	an..4

		Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency. 2nd IMO (INTTRA)		
	8246	Dangerous goods label marking	C	an..4
		Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency. 3rd IMO (INTTRA)		
	8246	Dangerous goods label marking	C	an..4
X	8255	Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency. PACKING INSTRUCTION, CODED	C	1 an..3
X	8325	Code defining the quantity and the type of package in which a product is allowed to be shipped in a passenger or freight aircraft. CATEGORY OF MEANS OF TRANSPORT, CODED	C	1 an..3
X	8211	Identification of the type of means of transport determined to carry particular goods, not necessarily being hazardous. Refer to D.99B Data Element Dictionary for acceptable code values. PERMISSION FOR TRANSPORT, CODED	C	1 an..3
		Code giving evidence that transportation of particular hazardous cargo is permitted and identifies the restrictions being put upon a particular transport.		

Segment: **FTX** Free Text
Position: 0660
Group: Segment Group 15 (Dangerous Goods) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 99
Purpose: A segment to specify the dangerous goods technical name and to specify any additional dangerous goods information.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	4451		TEXT SUBJECT CODE QUALIFIER	M 1 an..3
			Code specifying the subject of the text.	
		AAC	Dangerous goods additional information Additional information concerning dangerous goods.	
		AAD	Dangerous goods, technical name Proper shipping name, supplemented as necessary with the correct technical name, by which a dangerous substance or article may be correctly identified or which is sufficiently informative to permit identification by reference to generally available literature. Proper shipping name.	
		AEP	Radioactive goods, additional information Additional information related to radioactive goods. Not supported by CargoSmart	
		HAN	Handling instructions [4078] Instructions on how specified goods, packages or containers should be handled. Not supported by CargoSmart	
		HAZ	Hazard information Information pertaining to a hazard. Not supported by CargoSmart. Haz Mat Placard (flammable, explosive, ...)	
		PKG	Packaging information Note contains packaging information. Not supported by CargoSmart. Contains IBC (intermediate bulk container) code.	

		REG	Regulatory information The free text contains information for regulatory authority. Not supported by CargoSmart		
X	4453	TEXT FUNCTION, CODED		C	1 an..3
			Code specifying the purpose of the text. Refer to D.99B Data Element Dictionary for acceptable code values.		
	C107	TEXT REFERENCE		C	1
			Coded reference to a standard text and its source. Not supported by CargoSmart		
	4441	Free text value code		C	an..17
			Code specifying free form text.		
		4	Empty uncleaned receptacle Qualifier HAN.		
		GAS	Gas Qualifier AAC.		
		IHL	Inhalant hazard Qualifier AAC.		
		LQD	Liquid Qualifier AAC.		
		NP	Non-marine pollutant Qualifier AAC.		
		P	Marine Pollutant Qualifier AAC.		
		PP	Severe Marine Pollutant Qualifier AAC.		
		PSN	Proper dangerous goods shipping name Qualifier AAD.		
		SLD	Solid Qualifier AAC.		
		TLQ	Transport of dangerous goods in limited quantities Qualifier AAD.		
		TN	Dangerous goods technical name Qualifier AAD.		
	1131	Code list identification code		C	an..3
			Identification of a code list.		
		122	Commodity (7357) Code identifying types of goods for Customs, transport or statistical purposes (generic term). All qualifiers except PKG.		

		183	Dangerous goods packing type Identification of package types for the description related to dangerous goods. Qualifier PKG.		
		3055	Code list responsible agency code Code specifying the agency responsible for a code list. <i>ZZZ</i> Mutually defined	C	an..3
	C108		TEXT LITERAL Free text; one to five lines.	C	1
M		4440	Free text value Free form text.	M	an..512
		4440	Free text value Free form text.	C	an..512
		4440	Free text value Free form text.	C	an..512
		4440	Free text value Free form text.	C	an..512
		4440	Free text value Free form text.	C	an..512
X	3453		LANGUAGE NAME CODE Code specifying the language name.	C	1 an..3
X	4447		TEXT FORMATTING, CODED Code specifying the formatting parameters for the text. Refer to D.99B Data Element Dictionary for acceptable code values.	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: 9
Purpose: A group of segments to identify a contact to whom communication regarding the dangerous goods can be directed.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0680	CTA	Contact Information	M	1	
	0690	COM	Communication Contact	C	9	

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:

Data Element Summary

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

Segment: **COM** **Communication Contact**
Position: 0690
Group: Segment Group 16 (Contact Information) Conditional (Optional)
Level: 4
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to identify a communication number of a person or department.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

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

Group: **MEA** Segment Group 17: Measurements
Position: 0700
Group: Segment Group 15 (Dangerous Goods) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments to identify dangerous goods measurements.
Notes: Not supported by CargoSmart

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	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: Not supported by Cargosmart.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	6311		MEASUREMENT ATTRIBUTE CODE Code specifying the measurement attribute. AAE Measurement [6314] Value of the measured unit.	M 1 an..3
	C502		MEASUREMENT DETAILS Identification of measurement type.	C 1
		6313	Measured attribute code Code specifying the attribute measured. 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	C an..3
X		6321	Measurement significance, coded Code specifying the significance of a measurement value. Refer to D.99B Data Element Dictionary for acceptable code values.	C an..3
X		6155	Non-discrete measurement name code Code specifying the name of a non-discrete measurement. Refer to D.99B Data Element Dictionary for acceptable code values.	C an..17
X		6154	Non-discrete measurement name Name of a non-discrete measurement.	C an..70
	C174		VALUE/RANGE Measurement value and relevant minimum and maximum values of the	C 1

M		measurement range.			
	6411	Measurement unit code		M	an..3
		Code specifying the unit of measurement.			
		FTQ Cubic feet			
		GAL Gallons			
		KGM Kilogram			
		LBR Pounds			
		LTR Liters			
		MBQ Mega Becquerels			
		MTQ Cubic metres			
		PIW Percentage of acid versus water			
	6314	Measurement value		C	an..18
		Value of the measured unit.			
X	6162	Range minimum		C	n..18
		Minimum of a range.			
X	6152	Range maximum		C	n..18
		Maximum of a range.			
X	6432	Significant digits		C	n..2
		To specify the number of significant digits.			
X	7383	SURFACE/LAYER CODE		C	1 an..3
		Code specifying the surface or layer of an object.			
		Refer to D.99B Data Element Dictionary for acceptable code values.			

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

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0740	EQD	Equipment Details	M	1	
	0750	EQN	Number of Units	C	1	
	0760	TMD	Transport Movement Details	C	1	
	0770	MEA	Measurements	C	9	
	0780	DIM	Dimensions	C	9	
	0790	HAN	Handling Instructions	C	1	
	0800	TMP	Temperature	C	1	
	0820	FTX	Free Text	C	9	
	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:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	8053		EQUIPMENT TYPE CODE QUALIFIER Code qualifying a type of equipment.	M 1 an..3
		CN	Container Equipment item as defined by ISO for transport. It must be of: A) permanent character, strong enough for repeated use; B) designed to facilitate the carriage of goods, by one or more modes of transport, without intermediate reloading; C) fitted with devices for its ready handling, particularly.	
	C237		EQUIPMENT IDENTIFICATION Marks (letters/numbers) identifying equipment.	C 1
		8260	Equipment identification number Marks (letters and/or numbers) which identify equipment e.g. unit load device. Actual container number.	C an..17
		1131	Code list identification code Identification of a code list. Actual container number	C an..3
		146	Means of transport identification Code identifying the name or number of a means of transport (vessel, vehicle).	
		3055	Code list responsible agency code Code specifying the agency responsible for a code list. ZZZ Mutually defined	C an..3
X		3207	Country name code Identification of the name of the country or other geographical entity as specified in ISO 3166.	C an..3
	C224		EQUIPMENT SIZE AND TYPE Code and or name identifying size and type of equipment. Code preferred.	C 1

	8155	Equipment size and type description code	C	an..10
		Code specifying the size and type of equipment. ISO code, e.g. 22G0, 42R1, ...		
	1131	Code list identification code	C	an..3
		Identification of a code list. 102 Size and type		
	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list. 5 ISO (International Organization for Standardization)		
	8154	Equipment size and type description	C	an..35
		Free form description of the size and type of equipment. Not supported by Cargosmart.		
8077		EQUIPMENT SUPPLIER, CODED	C	1 an..3
		To indicate the party that is the supplier of the equipment. 1 Shipper supplied The transport equipment is supplied by the shipper. 2 Carrier supplied The transport equipment is supplied by the carrier.		
X	8249	EQUIPMENT STATUS CODE	C	1 an..3
		Code specifying the status of equipment. Refer to D.99B Data Element Dictionary for acceptable code values.		
	8169	FULL/EMPTY INDICATOR, CODED	C	1 an..3
		To indicate the extent to which the equipment is full or empty. 4 Empty 5 Full		

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

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C523		NUMBER OF UNIT DETAILS Identification of number of units and its purpose.	M 1
		6350	Number of units Number of units of a certain type.	C n..15
		6353	Unit type code qualifier Code qualifying the type of unit. 2 Transportable unit	C an..3

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: Not supported by CargoSmart (FCL, LCL indicators on TSR)

Data Element Summary

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

Segment: **MEA** Measurements
Position: 0770
Group: Segment Group 18 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify measurements, other than dimensions, associated with the equipment, such as weight.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	6311		MEASUREMENT ATTRIBUTE CODE Code specifying the measurement attribute. AAE Measurement [6314] Value of the measured unit.	M 1 an..3
	C502		MEASUREMENT DETAILS Identification of measurement type.	C 1
		6313	Measured attribute code Code specifying the attribute measured. AAL Net weight [6160] Weight (mass) of goods including any packing normally going with them to a buyer in a retail sale. Not supported by CargoSmart AAO Humidity Not supported by CargoSmart AAS Air flow AAX Net volume The observed volume after adjustment for factors such as temperature or gravity. Not supported by CargoSmart. Total volume of all commodities in the container. ZC Carbon Not supported by CargoSmart ZN Nitrogen Not supported by CargoSmart ZO Oxygen Not supported by CargoSmart	C an..3

X		6321	Measurement significance, coded	C	an..3
			Code specifying the significance of a measurement value. Refer to D.99B Data Element Dictionary for acceptable code values.		
X		6155	Non-discrete measurement name code	C	an..17
			Code specifying the name of a non-discrete measurement. Refer to D.99B Data Element Dictionary for acceptable code values.		
X		6154	Non-discrete measurement name	C	an..70
			Name of a non-discrete measurement.		
	C174		VALUE/RANGE	C	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.		
		CBM	Cubic Meters per hour Air Flow		
		CFT	Cubic Feet per hour Air Flow - Not supported by CargoSmart		
		FTQ	Cubic Feet For Volume - Not supported by CargoSmart		
		HMD	Percent of moisture in the air Humidity - Not supported by CargoSmart		
		KGM	Kilograms For Weight - Not supported by CargoSmart		
		LBR	Pounds For Weight - Not supported by CargoSmart		
		MTQ	Cubic Meter For Volume - Not supported by CargoSmart		
		PCT	Percent Atmosphere (ZO oxygen, ZN nitrogen, ZC carbon dioxide) - Not supported by CargoSmart		
		6314	Measurement value	C	an..18
			Value of the measured unit.		
X		6162	Range minimum	C	n..18
			Minimum of a range.		
X		6152	Range maximum	C	n..18
			Maximum of a range.		
X		6432	Significant digits	C	n..2
			To specify the number of significant digits.		
X	7383		SURFACE/LAYER CODE	C	1 an..3
			Code specifying the surface or layer of an object.		

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

Segment: **DIM** Dimensions
Position: 0780
Group: Segment Group 18 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify dimensions applicable to equipment.
Dependency Notes:
Semantic Notes:
Comments:
Notes: Not supported by CargoSmart (only on GID)

Data Element Summary

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

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:

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
C524		HANDLING INSTRUCTIONS	C	1
		Instruction for the handling of goods, products or articles in shipment, storage etc.		
	4079	Handling instructions, coded	C	an..3
		Identification of the instructions on how specified goods, packages or containers should be handled.		
		NAR Non-Active Reefer		
X	1131	Code list identification code	C	an..3
		Identification of a code list.		
		Refer to D.99B Data Element Dictionary for acceptable code values.		
X	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list.		
		Refer to D.99B Data Element Dictionary for acceptable code values.		
X	4078	Handling instructions	C	an..70
		Instructions on how specified goods, packages or containers should be handled.		
X	C218	HAZARDOUS MATERIAL	C	1
		To specify a hazardous material.		
X	7419	Hazardous material class code, identification	C	an..4
		Code specifying the kind of hazard for a material.		
X	1131	Code list identification code	C	an..3
		Identification of a code list.		
		Refer to D.99B Data Element Dictionary for acceptable code values.		
X	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list.		
		Refer to D.99B Data Element Dictionary for acceptable code values.		
X	7418	Hazardous material class	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: Not supported by Cargosmart on this level, but on GID level.

If the temperature is negative, a negative sign will be used (this is not calculated in the total length of the data element - e.g. -010 is valid). If the temperature is positive, there will be NO positive sign.

If a reefer is to be used without a specific temperature, 999 can be used (non-active reefer).

Data Element Summary

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

Segment: **FTX** Free Text
Position: 0820
Group: Segment Group 18 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify processable supplementary information associated with the equipment.
Dependency Notes:
Semantic Notes:
Comments:
Notes: Not supported by CargoSmart

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	4451		TEXT SUBJECT CODE QUALIFIER Code specifying the subject of the text.	M 1 an..3
			AAI General information	
			AEB Temperature control instructions Instruction regarding the temperature control of the cargo.	
			AGK Equipment Description of equipment. Equipment comments.	
			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		TEXT FUNCTION, CODED Code specifying the purpose of the text. Refer to D.99B Data Element Dictionary for acceptable code values.	C 1 an..3
	C107		TEXT REFERENCE Coded reference to a standard text and its source.	C 1
M		4441	Free text value code Code specifying free form text. Provided if 4451 = CUS, HAN or SSR	M an..17
			CCN Canadian Cargo Control Number Qualifier CUS. CBSA supplementary cargo report registered forwarders	

	(Canada).
CLN	Equipment must be cleaned Qualifier SSR.
ECA	Equipment Controlled Atmosphere Qualifier AEB.
FGE	Food grade equipment requested Qualifier SSR.
FMG	Fumigation is required Qualifier SSR.
FRZ	Super Freeze Service Qualifier AEB.
GEN	Genset Required Qualifier AEB.
GOH	Garment On Hanger Qualifier SSR.
HTE	Heavy weight tested equipment requested Qualifier SSR.
HUM	Humidity Qualifier AEB.
ICP	Number of USD Probes for ICT Service Qualifier AEB.
ICT	In Transit Cold Sterilization Qualifier AEB.
NTP	Number of temperature probes requested Qualifier AEB.
SAD	Stow above deck Qualifier HAN.
SBD	Stow below deck Qualifier HAN.
SUB	Equipment Substituted Qualifier AGK.
SWP	Equipment must be swept Qualifier SSR.
TVA	Temperature Variance Qualifier AEB.
UCN	Customs Export Declaration Unique Consignment Reference (DUCR) Qualifier CUS. Typically UK.
VTC	Vent Closed

			Qualifier AEB.	
		VTO	Vent Open	
			Qualifier AEB.	
	1131	Code list identification code		C an..3
		Identification of a code list.		
		110	Customs special codes Customs code to indicate an exemption to a regulation or a special Customs treatment.	
		130	Special handling Code to indicate that the nature of the consignment may necessitate use of special handling procedures (IATA).	
	3055	Code list responsible agency code		C an..3
		Code specifying the agency responsible for a code list.		
		ZZZ	Mutually defined	
	C108	TEXT LITERAL		C 1
		Free text; one to five lines.		
M	4440	Free text value		M an..512
		Free form text.		
	4440	Free text value		C an..512
		Free form text.		
X	4440	Free text value		C an..512
		Free form text.		
X	4440	Free text value		C an..512
		Free form text.		
X	4440	Free text value		C an..512
		Free form text.		
X	3453	LANGUAGE NAME CODE		C 1 an..3
		Code specifying the language name.		
X	4447	TEXT FORMATTING, CODED		C 1 an..3
		Code specifying the formatting parameters for the text. Refer to D.99B Data Element Dictionary for acceptable code values.		

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: Not supported by CargoSmart

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C506		REFERENCE Identification of a reference.	M 1
M		1153	Reference function code qualifier Code giving specific meaning to a reference segment or a reference number.	M an..3
		AEF	Customer process specification number	
			Retrieval number for a process specification defined by customer.	
			Customer load reference (e.g. in case of carrier haulage).	
		AGP	Company issued equipment ID	
			Owner/operator, non-government issued equipment reference number.	
			Logical container number.	
		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.	
		1154	Reference identifier Identifies a reference.	C an..35
X		1156	Line number	C an..6

		Number of the line in the document/message referenced in 1154 Reference identifier.		
X	4000	Reference version identifier	C	an..35
		To identify the version of a reference.		
X	1060	Revision number	C	an..6
		To specify a revision number.		

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

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

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:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	3035		PARTY FUNCTION CODE QUALIFIER	M 1 an..3
			Code giving specific meaning to a party.	
		CK	Empty equipment despatch party Party from whose premises empty equipment will be or has been despatched.	
		CL	Empty container pick-up location (e.g. in case of port-port & merchant haulage) Container location party Party from whose premises container will be or has been despatched.	
		EV	Not supported by CargoSmart. Intermediate export drop off location. Subcontractor Firm carrying out a part of the works for a contractor.	
		SF	Not supported by CargoSmart Ship from Identification of the party from where goods will be or have been shipped.	
		ST	Door location at origin. Ship to Identification of the party to where goods will be or have been shipped.	
		TR	Door location at destination. Terminal operator A party which handles the loading and unloading of marine vessels.	
			Full export container drop off location (e.g. in case of port-port, port-door and merchant haulage)	
	C082		PARTY IDENTIFICATION DETAILS	C 1

M		Identification of a transaction party by code.		
	3039	Party identifier	M	an..35
		Code specifying the identity of a party.		
	1131	Code list identification code	C	an..3
		Identification of a code list.		
		Not supported by CargoSmart		
	160	Party identification		
		Identification of parties, corporates, etc.		
	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list.		
		Not supported by CargoSmart		
	16	US, D&B (Dun & Bradstreet Corporation)		
		Identifies the Dun & Bradstreet Corporation, United States.		
	86	Assigned by party originating the message		
		Codes assigned by the party originating the message.		
	192	Shipper's association		
		Code assigned by a shipper's association.		
	ZZZ	Mutually defined		
	C058	NAME AND ADDRESS	C	1
		Unstructured name and address: one to five lines.		
		Will be used by Cargosmart to include the contact person & details of the different parties as there is no CTA/COM within this group.		
M	3124	Name and address line	M	an..35
		Free form name and address description.		
	3124	Name and address line	C	an..35
		Free form name and address description.		
	3124	Name and address line	C	an..35
		Free form name and address description.		
	3124	Name and address line	C	an..35
		Free form name and address description.		
	3124	Name and address line	C	an..35
		Free form name and address description.		
	C080	PARTY NAME	C	1
		Identification of a transaction party by name, one to five lines. Party name may be formatted.		
		Not supported by INTTRA		
M	3036	Party name	M	an..35
		Name of a party involved in a transaction.		
	3036	Party name	C	an..35
		Name of a party involved in a transaction.		

X		3036 Party name	C	an..35
		Name of a party involved in a transaction.		
X		3036 Party name	C	an..35
		Name of a party involved in a transaction.		
X		3036 Party name	C	an..35
		Name of a party involved in a transaction.		
X		3045 Party name format code	C	an..3
		Code specifying the representation of a party name. Refer to D.99B Data Element Dictionary for acceptable code values.		
	C059	STREET	C	1
		Street address and/or PO Box number in a structured address: one to four lines.		
M		3042 Street and number/p.o. box	M	an..35
		Street and number in plain language, or Post Office Box No.		
		3042 Street and number/p.o. box	C	an..35
		Street and number in plain language, or Post Office Box No.		
		3042 Street and number/p.o. box	C	an..35
		Street and number in plain language, or Post Office Box No. Not supported by INTTRA.		
X		3042 Street and number/p.o. box	C	an..35
		Street and number in plain language, or Post Office Box No.		
	3164	CITY NAME	C	1 an..35
		Name of a city (a town, a village) for addressing purposes. Not supported by INTTRA		
	C819	COUNTRY SUB-ENTITY DETAILS	C	1
		To specify a part of a country (eg county or part of a city). Not supported by INTTRA		
		3229 Country sub-entity name code	C	an..9
		Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies. Not supported by INTTRA.		
X		1131 Code list identification code	C	an..3
		Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.		
X		3055 Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.		
X		3228 Country sub-entity name	C	an..35
		Name of sub-entities (state, province) defined by appropriate governmental agencies.		
	3251	POSTAL IDENTIFICATION CODE	C	1 an..17

3207

Code specifying the postal zone or address.

COUNTRY NAME CODE

C 1 an..3

Identification of the name of the country or other geographical entity as specified in ISO 3166.

ISO 2-character 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: 1
Purpose: A segment to indicate date and time relating to pick-up or drop-off.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M 1
M		2005	Date/time/period function code qualifier Code giving specific meaning to a date, time or period.	M an..3
			17 Delivery date/time, estimated Date and/or time when the shipper of the goods expects delivery will take place. Delivery at door location destination, NAD qualifier ST.	
			64 Delivery date/time, earliest Date identifying a point in time before which the goods shall not be delivered. Not supported by CargoSmart. Earliest drop off date/time of full container to the carrier at the container terminal. NAD qualifier TR.	
			116 Equipment return period, expected Period until which equipment is expected to be hired. Not supported by INTTRA.	
			180 Closing date/time Final date for delivering cargo to a liner ship. Not supported by Cargosmart on this level, but in LOC/DTM on heading. NAD qualifier TR.	
			181 Positioning date/time of equipment Date/time when equipment is positioned. Not supported by CargoSmart. Requested positioning date of empty container at customer. NAD qualifier SF.	
			200 Pick-up/collection date/time of cargo	

		Date/time at which the cargo is picked up.		
		Requested pick-up date/time of container at intermediate export stop off location or ship from location. In combination with NAD qualifier SF and CL.		
392		Equipment collection or pick-up date/time, earliest		
		Date/time on which equipment can be picked up at the earliest.		
		Not supported by Cargosmart.		
		Earliest date/time empty container may be picked up, NAD qualifier CK.		
395		Equipment positioning date/time, estimated		
		Date/time on which equipment is estimated to be positioned (delivered).		
		Not supported by Cargosmart.		
		Date/time container will be positioned at the intermediate export stop off location. NAD qualifier CL.		
2380	Date/time/period value		C	an..35
		The value of a date, a date and time, a time or of a period in a specified representation.		
2379	Date/time/period format code		C	an..3
		Code specifying the representation of a date, time or period.		
	102	CCYMMDD		
		Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.		
	203	CCYMMDDHHMM		
		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:

Data Element Summary

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