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IFTMBF Firm booking request ocean message Version 1.0 December 2011

IFTMBF Firm Booking Message

Introduction:

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

Notes:

General note: In case "not supported" is specified for a specific carrier or portal such as INTTRA or CargoSmart or any other, it means that you can still send the data but that the information will not be processed by that receiving party.

	<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		
M	0060	TSR	Transport Service Requirements	M	9		
	0080	FTX	Free Text	C	99		
	0100	GDS	Nature of Cargo	C	9		
	0110		Segment Group 1: LOC	C		99	
M	0120	LOC	Place/Location Identification	M	1		
	0170		Segment Group 3: RFF-DTM	M		99	
M	0180	RFF	Reference	M	1		
	0190	DTM	Date/Time/Period	C	9		
	0360		Segment Group 7: TDT-SG8	M		99	
M	0370	TDT	Details of Transport	M	1		
	0400		Segment Group 8: LOC-DTM	M		99	
M	0410	LOC	Place/Location Identification	M	1		
	0420	DTM	Date/Time/Period	C	9		
	0460		Segment Group 10: NAD-SG11-SG14	M		99	
M	0470	NAD	Name and Address	M	1		
	0490		Segment Group 11: CTA-COM	C		9	
M	0500	CTA	Contact Information	M	1		
	0510	COM	Communication Contact	C	9		
	0580		Segment Group 14: CPI-LOC	C		9	

M	0590	CPI	Charge Payment Instructions	M	1	
	0620	LOC	Place/Location Identification	C	9	
	0700		Segment Group 16: GID-HAN-TMP-PIA-FTX-GDS-SG18-SG19-SG20-SG25-SG27	C	999	
M	0710	GID	Goods Item Details	M	1	
	0720	HAN	Handling Instructions	C	1	
	0730	TMP	Temperature	C	1	
	0780	PIA	Additional Product Id	C	9	
	0790	FTX	Free Text	C	9	
	0840	GDS	Nature of Cargo	C	9	
M	0850		Segment Group 18: MEA	M	99	
M	0860	MEA	Measurements	M	1	
	0880		Segment Group 19: DIM	C	99	
M	0890	DIM	Dimensions	M	1	
	0910		Segment Group 20: RFF-DTM	C	9	
M	0920	RFF	Reference	M	1	
	0930	DTM	Date/Time/Period	C	9	
	1070		Segment Group 25: SGP-SG26	C	999	
M	1080	SGP	Split Goods Placement	M	1	
	1090		Segment Group 26: MEA	C	9	
M	1100	MEA	Measurements	M	1	
	1120		Segment Group 27: DGS-FTX-SG28-SG29-SG30	C	99	
M	1130	DGS	Dangerous Goods	M	1	
	1140	FTX	Free Text	C	99	
	1150		Segment Group 28: CTA-COM	C	9	
M	1160	CTA	Contact Information	M	1	
	1170	COM	Communication Contact	C	9	
	1180		Segment Group 29: MEA	C	9	
M	1190	MEA	Measurements	M	1	
	1210		Segment Group 30: SGP-SG31	C	999	
M	1220	SGP	Split Goods Placement	M	1	
	1230		Segment Group 31: MEA	C	9	
M	1240	MEA	Measurements	M	1	
	1260		Segment Group 32: EQD-EQN-TMD-MEA-DIM-HAN-TMP-FTX-RFF-SG33	M	999	
M	1270	EQD	Equipment Details	M	1	
M	1280	EQN	Number of Units	M	1	
M	1290	TMD	Transport Movement Details	M	1	

	1300	MEA	Measurements	C	9
	1310	DIM	Dimensions	C	9
	1330	HAN	Handling Instructions	C	1
	1340	TMP	Temperature	C	1
	1350	FTX	Free Text	C	9
	1360	RFF	Reference	C	9
	1370		Segment Group 33: NAD-DTM-SG34	C	9
M	1380	NAD	Name and Address	M	1
	1390	DTM	Date/Time/Period	C	1
	1400		Segment Group 34: CTA-COM	C	9
M	1410	CTA	Contact Information	M	1
	1420	COM	Communication Contact	C	9
M	1490	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 Firm booking message is IFTMBF.
 Note: Firm booking messages conforming to this document must contain the following data in segment UNH, composite S009:
 Data element 0065 IFTMBF 0052 D 0054 99B 0051 UN

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. IFTMBF Firm booking message A code to identify the firm booking message.	M an..6
M		0052	Message type version number Version number of a message type. 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		
	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. 335 Booking request Document/message issued by a supplier to a carrier requesting space to be reserved for a specified consignment, indicating desirable conveyance, despatch time, etc.	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
M		1004	Document/message number Reference number assigned to the document/message by the issuer. This must be a unique number (generated by the freight forwarder/shipper) of the booking request. The number is used in changes / deletions to refer to the original message.	M an..35
X		1056	Version To specify the version number or name of an object.	C an..9

X		1060	Revision number	C	an..6
			To specify a revision number.		
M	1225		MESSAGE FUNCTION CODE	M	1 an..3
			Code indicating the function of the message.		
			In case of a change, the whole message must be repeated (= replace functionality).		
			1		Cancellation Message cancelling a previous transmission for a given transaction.
			5		Replace Message replacing a previous message.
			9		Original Initial transmission related to a given transaction.
	4343		RESPONSE TYPE CODE	C	1 an..3
			Code specifying the type of acknowledgment required or transmitted.		
			Not supported by CargoSmart		
			AC		Acknowledge - with detail and change Acknowledged complete including changes. Only used for INTTRA (in case a release per container is requested. Only applicable when Message Function code 9 (original).

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
			137 Document/message date/time (2006) Date/time when a document/message is issued. This may include authentication. Mandatory. This is the booking request date/time.	
			201 Pick-up date/time of equipment Date/time at which the equipment is picked up. Not supported by INTTRA, please see DTM linked to EQD/NAD. Pick-up date of empty equipment.	
			208 Departure date/time, ultimate Date/time at which a means of transport has to depart ultimately. Not supported by INTTRA	
			231 Arrival date/time, earliest Date/time of earliest arrival of means of transport. Not supported by INTTRA, please see DTM linked to TDT/LOC or EQD/NAD.	
M		2380	Date/time/period value The value of a date, a date and time, a time or of a period in a specified representation.	M an..35
M		2379	Date/time/period format code Code specifying the representation of a date, time or period.	M an..3
			102 CCYYMMDD	

203

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

CCYYMMDDHHMM

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

Segment: **TSR** Transport Service Requirements
Position: 0060
Group:
Level: 1
Usage: Mandatory
Max Use: 9
Purpose: A segment to identify the contract, conditions of carriage, services, and priority requirements for 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	C536		CONTRACT AND CARRIAGE CONDITION To identify a contract and carriage condition.	M 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).	O 1

		Not supported by INTTRA		
M		7273	Service requirement code	M an..3
			Code specifying a service requirement.	
			Service type origin. Not used for INTTRA on this level, but in EQD/TMD.	
		2	Full loads	
			Container to be stuffed or stripped under responsibility and for account of the shipper or the consignee.	
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	O an..3
			Code specifying a service requirement.	
			Service type destination. Not used for INTTRA on this level, but in EQD/TMD.	
		2	Full loads	
			Container to be stuffed or stripped under responsibility and for account of the shipper or the consignee.	
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	O 1
			Rough classification of a type of cargo.	
X		7085	Nature of cargo, coded	O an..3
			Code indicating the type of cargo as a rough classification.	

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: 0080
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:

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.	
			INTRA supports only qualifiers AAI, CCI, AES and CUS, but when using the other qualifiers such as AEB this will be mapped to AAI. However we recommend to use mainly qualifier AAI for general instructions as much as possible.	
			CargoSmart does not support qualifiers AES, CUS & CCI, but they will be mapped to AAI.	
			However we recommend to use mainly qualifier AAI for general instructions as much as possible.	
		AAI	General information	
		AEB	Temperature control instructions Instruction regarding the temperature control of the cargo. Reefer remarks.	
		AES	Reason for amending a message Identification of the reason for amending a message. Not supported by CargoSmart	
		CCI	Customs clearance instructions Any coded or clear instruction agreed by customer and carrier regarding the declaration of the goods. Not supported by CargoSmart	
		CUS	Customs declaration information Note contains customs declaration information. Not supported by CargoSmart	

		RFI	Reefer Cargo Inbound contact not supported by INTTRA		
		RFO	Reefer Cargo Outbound contact not supported by INTTRA		
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.		
	4441	Free text value code		O	an..17
			Code specifying free form text. Must be used when text subject code is CUS or CCI		
		AMS	Customer to Perform AMS Filing use only with text subject qualifier (4451) "CCI"		
		CCN	Canadian Cargo Control Number use only with text subject qualifier (4451) "CUS"		
		NVO	NVOCC SCAC use only with text subject qualifier (4451) "CCI"		
		UCN	Customs Export Declaration Consignment Reference use only with text subject qualifier (4451) "CUS"		
	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.		
	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 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

Segment: **GDS** Nature of Cargo
Position: 0100
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to describe the nature of cargo.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

IF GDS on this level is used, the GDS on GID level cannot be used.
 INTTRA only support GDS on header 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. Not supported by CargoSmart. For example for Out of Gauge cargo.	
		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. Not supported by CargoSmart	
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: 0110
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99
Purpose: A group of segments to specify locations and related date(s)/time(s) which apply to the entire message, e.g. place of transshipment.

Segment Summary

	<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	0120	LOC	Place/Location Identification	M	1	

Segment: **LOC** Place/Location Identification
Position: 0120 (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. 197 Place of inquiry Place to which an inquiry is made. This is the carrier booking office location.	M 1 an..3
	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. 181 Activity Code identifying activities.	C an..3
		3055	Code list responsible agency code Code specifying the agency responsible for a code list. 6 UN/ECE (United Nations - Economic Commission for Europe) 86 Assigned by party originating the message Codes assigned by the party originating the message.	C an..3
		3224	Location name Name of the location.	C an..256
	C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C 1
		3223	Related place/location one identification Specification of the first related place/location by code. ISO 2-character country code.	C an..25

		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.		
X	5479		RELATION, CODED	C	1 an..3
			To specify the relationship between two or more items.		

Group: **RFF** Segment Group 3: Reference
Position: 0170
Group:
Level: 1
Usage: Mandatory
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	0180	RFF	Reference	M	1	
	0190	DTM	Date/Time/Period	C	9	

Segment: **RFF** Reference
Position: 0180 (Trigger Segment)
Group: Segment Group 3 (Reference) Mandatory
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: At least provide Contract Number (CT) or Tariff number (AFG)

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
		51	Carrier Rate Reference Number Not supported by INTTRA	
		AFG	Tariff number	
		AGB	Contract party reference number Reference number assigned to a party for a particular contract. Not supported in CargoSmart	
		AGE	Agent's reference Reference number of the agent. Not supported in CargoSmart	
		AKG	Vehicle Identification Number (VIN) The identification number which uniquely distinguishes one vehicle from another through the lifespan of the vehicle. Not supported in CargoSmart	
		ANT	Consignee's reference Reference number of the consignee. Not supported in CargoSmart	
		BM	Bill of lading number Reference number assigned to a bill of lading, see: 1001 = 705.	

BN	Booking reference number [1016] Reference number assigned by the carrier or his agent when cargo space is reserved prior to loading. Only used for "Shipper managed Booking Numbers".
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 in CargoSmart
FF	Freight forwarder's reference number [1460] Reference number assigned to the consignment by the freight forwarder.
FN	Freight bill number Reference number assigned by issuing party to a freight bill. Not supported by INTTRA
IV	Invoice number [1334] Reference number assigned by the seller to a Commercial Invoice. Not supported by INTTRA
LI	Line item reference number (1156) Reference number identifying a particular line in a document. Not supported in CargoSmart
ON	Order number (purchase) [1022] Reference number assigned by the buyer to an order.
PR	Price quote number Reference number assigned by the seller to a quote. Not supported by INTTRA.
SI	SID (Shipper's identifying number for shipment) Description to be provided.
ZZZ	Mutually defined reference number Number based on party agreement. For example INTTRA or Cargosmart specific (booking) reference.

M	1154	Reference identifier Identifies a reference.	M	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: 0190
Group: Segment Group 3 (Reference) Mandatory
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.	

Group: **TDT** Segment Group 7: Details of Transport
Position: 0360
Group:
Level: 1
Usage: Mandatory
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	0370	TDT	Details of Transport	M	1	
	0400		Segment Group 8: Place/Location Identification	M		99

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

Dependency Notes:

Semantic Notes:

Comments:

Notes:

TDT qualifier 10 (pre carriage) and 30 (carriage) are not required for port-port movements (see TSR).

For a booking at least one of the following information is required:
 - Vessel name (or IMO number) & voyage (TDT, qualifier 20)
 - Earliest departure date/time (TDT/LOC+196)
 - Latest delivery date/time (TDT/LOC+63)

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/Ocean	
		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.		
		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.		
M	C040		CARRIER	M	1
			Identification of a carrier by code and/or by name. Code preferred.		
M		3127	Carrier identification	M	an..17
			Identification of party undertaking or arranging transport of goods between named points.		
			Carrier SCAC code in case of main carriage.		
		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. Refer to D.99B Data Element Dictionary for acceptable code values.			
X	8459	Excess transportation responsibility, coded	M		an..3
		Indication of responsibility for excess transportation. Refer to D.99B Data Element Dictionary for acceptable code values.			
X	7130	Customer authorization number	C		an..17
		Customer provided authorization number to allow supplier to ship goods under specific freight conditions. This number will be transmitted back to customer in the dispatch advice message.			
M	C222	TRANSPORT IDENTIFICATION	M	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. Vessel code / Lloyd's Number (= IMO number) in case of main carriage.			
X	1131	Code list identification code	C		an..3
		Identification of a code list. 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.			
	8453	Nationality of means of transport, coded	C		an..3
		Coded name of the country in which a means of transport is registered. Not supported by CargoSmart. ISO 2-character country code.			
X	8281	TRANSPORT OWNERSHIP, CODED	C	1	an..3
		Code indicating the ownership of the means of transport. Refer to D.99B Data Element Dictionary for acceptable code values.			

Group: **LOC** Segment Group 8: Place/Location Identification
Position: 0400
Group: Segment Group 7 (Details of Transport) Mandatory
Level: 2
Usage: Mandatory
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.</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	0410	LOC	Place/Location Identification	M	1	
	0420	DTM	Date/Time/Period	C	9	

Segment: **LOC** Place/Location Identification
Position: 0410 (Trigger Segment)
Group: Segment Group 8 (Place/Location Identification) Mandatory
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:

In case of TDT with qualifier 20 (main carriage), please only use qualifier 9, 11, 74 and 75.

In case of TDT with qualifier 10 (pre-carriage), please only use qualifier 88.

In case of TDT with qualifier 30 (on-carriage), please only use qualifier 7.

Qualifiers 88 and 7 need to be provided in case of door-door, door-port or port-door movements (TSR), indicating the receipt and delivery location, which is important information for the carrier.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	3227		LOCATION FUNCTION CODE QUALIFIER	M 1 an..3
			Code identifying the function of a location.	
		7	Place of delivery (3246) Place to which the goods are to be finally delivered under transport contract terms (operational term).	
		9	Place/port of loading (3334 + 3230) Seaport, airport, freight terminal, rail station or other place at which the goods (cargo) are loaded on to the means of transport being used for their carriage.	
		11	Place/port of discharge (3392 + 3414) Seaport, airport, freight terminal, rail station or other place at which the goods (cargo) are unloaded from the means of transport having been used for their carriage.	
		74	Transshipment excluding this place Place/location where a transshipment from a means of transport to another means of transport is not authorised.	
		75	Transshipment limited to this place Only place/location where a transshipment from a means	

			of transport to another means of transport is authorised. Only supported by INTTRA		
		88	Place of receipt Identification of the location at which the cargo is actually received.		
C517			LOCATION IDENTIFICATION	C	1
			Identification of a location by code or name.		
M	3225		Location name code	M	an..25
			Code specifying the name of the location.		
	1131		Code list identification code	C	an..3
			Identification of a code list.		
		139	Port		
			A location having facilities for means of transport to load or discharge cargo.		
	3055		Code list responsible agency code	C	an..3
			Code specifying the agency responsible for a code list.		
		6	UN/ECE (United Nations - Economic Commission for Europe)		
		86	Assigned by party originating the message Codes assigned by the party originating the message.		
			Not supported by CargoSmart		
	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.		
			City - Not supported by INTTRA		
	3223		Related place/location one identification	C	an..25
			Specification of the first related place/location by code.		
	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.		
		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.		
			Country		

	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: 0420
Group: Segment Group 8 (Place/Location Identification) Mandatory
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:

Please use qualifier 63 and 196 only in relation to the booking origin and destination location (normally LOC qualifier 9 & 11 in case of port-port and 88 & 7 in case of door-... & ...-door movements). 63 to be used for LOC qualifiers 7 or 11 (not both), qualifier 196 for LOC qualifiers 88 or 9 (not both).

For a booking request at least the vessel name (or IMO number) and voyage (TDT+20) or one of the qualifiers 63 or 196 needs to be used.

Multiple DTM segments can be used for the same LOC.

The qualifiers 132 & 133 can be used for qualifiers 9, 11, 88 & 7.

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
		63	Delivery date/time, latest Date identifying a point of time after which goods shall not or will not be delivered.	
		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.	
			Not supported by INTTRA.	

	196	Departure date/time, earliest Date/time of earliest departure of means of transport.		
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	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: **NAD** Segment Group 10: Name and Address
Position: 0460
Group:
Level: 1
Usage: Mandatory
Max Use: 99
Purpose: A group of segments to identify a party, related references, locations contacts, required documents, and charges to be paid by the party.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0470	NAD	Name and Address	M	1	
	0490		Segment Group 11: Contact Information	C		9
	0580		Segment Group 14: Charge Payment Instructions	C		9

Segment: **NAD** Name and Address
Position: 0470 (Trigger Segment)
Group: Segment Group 10 (Name and Address) Mandatory
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the party's name, address, and function.
Dependency Notes:
Semantic Notes:
Comments:
Notes: Booking party (ZZZ), carrier and consignor (CZ) are mandatory.

Ship from and ship to party are mandatory in case of door movements and carrier haulage: "ship from" in case of door-door & door-pier & "ship to" in case of pier-door & door-door. These locations are also on EQD (container) level.

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.	
		CA	Carrier (3126) Party undertaking or arranging transport of goods between named points.	
		CN	Consignee (3132) Party to which goods are consigned.	
		CZ	Consignor (3336) Party which, by contract with a carrier, consigns or sends goods with the carrier, or has them conveyed by him. Synonym: shipper, sender.	
		FC	Contractor, main Firm or grouping of co-contractors which has been awarded the contract.	
		FP	Freight/charges payer Party responsible for the payment of freight.	
		FW	Freight forwarder Party arranging forwarding of goods.	
		MR	Message recipient Not supported by CargoSmart, to be used in case of (e-mail) notifications to third parties.	
		N1	Notify party no. 1 The first party which is to be notified.	

			Not supported by CargoSmart		
		N2	Notify party no. 2 The second party which is to be notified.		
			Not supported by CargoSmart		
		N3	Notify party no. 3		
			Not used by Cargosmart.		
		SF	Ship from Identification of the party from where goods will be or have been shipped.		
		ST	Ship to Identification of the party to where goods will be or have been shipped.		
			Not supported by CargoSmart		
		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.		
		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.		
		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		
X	C058		NAME AND ADDRESS	C	1
			Unstructured name and address: one to five lines.		
X		3124	Name and address line	M	an..35
			Free form name and address description.		
X		3124	Name and address line	C	an..35
			Free form name and address description.		

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

		Identification of a code list.		
	84	State code		
		A code list of states within a country.		
X	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list.		
		Refer to D.99B Data Element Dictionary for acceptable code values.		
X	3228	Country sub-entity name	C	an..35
		Name of sub-entities (state, province) defined by appropriate governmental agencies.		
	3251	POSTAL IDENTIFICATION CODE	C	1 an..17
		Code specifying the postal zone or address.		
	3207	COUNTRY NAME CODE	C	1 an..3
		Identification of the name of the country or other geographical entity as specified in ISO 3166.		

Group: **CTA** Segment Group 11: Contact Information
Position: 0490
Group: Segment Group 10 (Name and Address) Mandatory
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments identifying a contact and its communications related to the party.

Segment Summary

	<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	0500	CTA	Contact Information	M	1	
	0510	COM	Communication Contact	C	9	

Segment: **CTA Contact Information**
Position: 0500 (Trigger Segment)
Group: Segment Group 11 (Contact Information) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a person or department within a party.

Dependency Notes:
Semantic Notes:
Comments:
Notes:

Contact details for booking are required.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
3139		CONTACT FUNCTION CODE	C 1 an..3
		Code specifying the function of a contact (e.g. department or person).	
		IC Information contact	
		Department/person to contact for questions regarding transactions.	
		CTA+IC under NAD+ZZZ also used as general information contact of the booking. This is mandatory.	
		NT Notification contact	
		Not supported by CargoSmart, only to be used together with NAD qualifier MR (message recipient) for sending e-mail notifications to third parties.	
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: 0510
Group: Segment Group 11 (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.	
		TE	Telephone Voice/data transmission by telephone.	

Group: **CPI** Segment Group 14: Charge Payment Instructions
Position: 0580
Group: Segment Group 10 (Name and Address) Mandatory
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments to identify the charge and its amount 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	0590	CPI	Charge Payment Instructions	M	1	
	0620	LOC	Place/Location Identification	C	9	

Segment: **CPI Charge Payment Instructions**
Position: 0590 (Trigger Segment)
Group: Segment Group 14 (Charge Payment Instructions) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify default charge methodology.
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>
	C229		CHARGE CATEGORY Identification of a category or a zone of charges.	C 1
M		5237	Charge category code Code specifying the category of charges.	M an..3
		2	Additional charges	
		4	Charges calculated by the carrier for specific events like re-weighting, re-loading, unexpected operations, services required during the voyage, etc. Basic freight	
		5	The basic freight payable on the cargo as per tariff. Destination haulage charges	
		7	Haulage charges for transporting goods to the destination. Destination port charges	
		10	Charges payable at the port of destination. Origin port charges	
		11	Charges payable at the port of origin. Origin haulage charges	
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	C231		METHOD OF PAYMENT Code identifying the method of payment.	C 1
X		4215	Transport charges payment method code	M an..3

		Identification of method of payment for transport charges. Refer to D.99B Data Element Dictionary for acceptable code values.		
X	1131	Code list identification code	C	an..3
		Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.		
X	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.		
	4237	PREPAID/COLLECT INDICATOR, CODED	C	1 an..3
		Code indicating whether freight item amount is prepaid or to be collected.		
		A Payable elsewhere		
		Responsibility for payment of transport charges unknown at time of departure.		
		C Collect		
		Charges are (to be) collected from the consignee at the destination.		
		P Prepaid		
		Charges are (to be) prepaid before the transport actually leaves.		

Segment: **LOC** Place/Location Identification
Position: 0620
Group: Segment Group 14 (Charge Payment Instructions) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to identify the place of charge collection.
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
		57	Place of payment	
			Name of the location at which freight and charges for main transport are payable.	
	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 Code specifying the agency responsible for a code list.	C an..3
		6	UN/ECE (United Nations - Economic Commission for Europe)	
		86	Assigned by party originating the message Codes assigned by the party originating the message.	
		3224	Location name Name of the location.	C an..256
	C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C 1
		3223	Related place/location one identification Specification of the first related place/location by code.	C an..25
		1131	Code list identification code Identification of a code list.	C an..3

		162	Country Identification of a country.		
		3055	Code list responsible agency code Code specifying the agency responsible for a code list.	C	an..3
		5	ISO (International Organization for Standardization)		
		3222	Related place/location one Specification of the first related place/location by name.	C	an..70
	C553		RELATED LOCATION TWO IDENTIFICATION Identification of second related location by code or name.	C	1
X		3233	Related place/location two identification Specification of a second related place/location by code.	C	an..25
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
		3232	Related place/location two Specification of a second related place/location by name.	C	an..70
X	5479		RELATION, CODED To specify the relationship between two or more items.	C	1 an..3

Group: **GID** Segment Group 16: Goods Item Details
Position: 0700
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 999
Purpose: A group of segments to describe the goods items for which transport is undertaken.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0710	GID	Goods Item Details	M	1	
	0720	HAN	Handling Instructions	C	1	
	0730	TMP	Temperature	C	1	
	0780	PIA	Additional Product Id	C	9	
	0790	FTX	Free Text	C	9	
	0840	GDS	Nature of Cargo	C	9	
	0850		Segment Group 18: Measurements	M		99
	0880		Segment Group 19: Dimensions	C		99
	0910		Segment Group 20: Reference	C		9
	1070		Segment Group 25: Split Goods Placement	C		999
	1120		Segment Group 27: Dangerous Goods	C		99

Segment: **GID** Goods Item Details
Position: 0710 (Trigger Segment)
Group: Segment Group 16 (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
M	C213		NUMBER AND TYPE OF PACKAGES Number and type of individual parts of a shipment.	M 1
M		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.	M n..8
M		7065	Package type description code Code specifying the type of package. UN/ECE recommendation 21, revision 4 package codes.	M an..17
		1131	Code list identification code Identification of a code list. 67 Type of package Indication of the type of package codes.	C an..3
		3055	Code list responsible agency code Code specifying the agency responsible for a code list. 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. Not supported by CargoSmart	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: **HAN** Handling Instructions
Position: 0720
Group: Segment Group 16 (Goods Item Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify handling instructions relating to the goods item.
Dependency Notes:
Semantic Notes:
Comments:
Notes: Not supported by INTTRA

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C524		HANDLING INSTRUCTIONS Instruction for the handling of goods, products or articles in shipment, storage etc.	M 1
M		4079	Handling instructions, coded Identification of the instructions on how specified goods, packages or containers should be handled. OFU Fumigation OOD On Deck stowage OSB Stow below deck	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	C218	4078	Handling instructions Instructions on how specified goods, packages or containers should be handled.	C an..70
X			HAZARDOUS MATERIAL To specify a hazardous material.	C 1
X		7419	Hazardous material class code, identification Code specifying the kind of hazard for a material.	C an..4
X		1131	Code list identification code Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency code Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	C an..3

X	7418	Hazardous material class To specify the kind of hazard for a material.	C	an..35
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Segment: **TMP** Temperature
Position: 0730
Group: Segment Group 16 (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 by INTTRA (see container 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. 2 Transport temperature The temperature at which cargo is to be kept while it is under transport.	M 1 an..3
M	C239		TEMPERATURE SETTING The temperature under which the goods are (to be) stored or shipped.	M 1
	6246		Temperature setting The actual temperature value in degrees Celsius (e.g. 008, 020). In case of a non-active reefer, put code 999	C n3
	6411		Measurement unit code Code specifying the unit of measurement. CEL Celsius FAH Fahrenheit	C an..3

Segment: **PIA** Additional Product Id
Position: 0780
Group: Segment Group 16 (Goods Item Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify article numbers.

Dependency Notes:
Semantic Notes:
Comments:
Notes:

PIA is used to indicate HS code.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	4347		PRODUCT ID. FUNCTION QUALIFIER Indication of the function of the product code. 5 Product identification	M 1 an..3
M	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	M 1
M		7140	Item number A number allocated to a group or item.	M an..35
M		7143	Item type identification code Code specifying an item code. HS Harmonised system	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	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C 1
X		7140	Item number A number allocated to a group or item.	C an..35
X		7143	Item type identification code Code specifying an item code. Refer to D.99B Data Element Dictionary for acceptable code values.	C an..3
X		1131	Code list identification code Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	C an..3

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

Code specifying the agency responsible for a code list.
Refer to D.99B Data Element Dictionary for acceptable code values.

Segment: **FTX** Free Text
Position: 0790
Group: Segment Group 16 (Goods Item Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify processable supplementary information relating to the goods item.
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.	
		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).	
		CUS	Customs declaration information Note contains customs declaration information.	
			Not supported by CargoSmart	
		HAN	Handling instructions [4078] Instructions on how specified goods, packages or containers should be handled.	
			Not supported by INTTRA (see container level)	
		ZZ1	Additional reefer information: container atmosphere	
			Not supported by INTTRA (see container level)	
		ZZ2	Additional reefer information: CO2 percentage	
			Not supported by INTTRA (see container level)	
		ZZ3	Additional reefer information: O2 percentage	
			Not supported by INTTRA (see container level)	
		ZZ4	Additional reefer information: sensitive cargo	
			Not supported by INTTRA (see container level)	
		ZZ5	Additional reefer information: de-humidity percentage	
			Not supported by INTTRA (see container level)	
		ZZ6	Additional reefer information: pre-cooling	
			Not supported by INTTRA (see container level)	
		ZZ7	Additional reefer information: generator set	

			Not supported by INTTRA (see container level)	
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		
M	4441	Free text value code	M	an..17
		Code specifying free form text.		
		Mandatory when Text Subject Code qualifier (4451) = CUS.		
		CCN	Canadian Cargo Control Number	
		UCN	Customs Export Declaration Unique Consignment Reference (DUCR)	
	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.	
	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.		
		For CargoSmart, specific codes are applicable, except in case of qualifier AAA.		
	4440	Free text value	C	an..512
		Free form text.		
		Not supported by CargoSmart		
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: **GDS** Nature of Cargo
Position: 0840
Group: Segment Group 16 (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 supported by INTTRA. For INTTRA only GDS on header can be used.

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.	
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: **MEA** Segment Group 18: Measurements
Position: 0850
Group: Segment Group 16 (Goods Item Details) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 99
Purpose: A group of segments to specify measurements applicable to a goods item.

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	0860	MEA	Measurements	M	1	

Segment: **MEA** Measurements
Position: 0860 (Trigger Segment)
Group: Segment Group 18 (Measurements) Mandatory
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify measurements, other than dimensions, applicable to a goods item.
Dependency Notes:
Semantic Notes:
Comments:
Notes: Mandatory for gross weight.

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. Not supported by CargoSmart	M 1 an..3
M	C502		MEASUREMENT DETAILS Identification of measurement type.	M 1
		6313	Measured attribute code Code specifying the attribute measured. AAS Air flow Not supported by INTTRA (see container level) AAW Gross volume The observed volume unadjusted for factors such as temperature or gravity. Not supported by CargoSmart 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
M	C174		VALUE/RANGE	M 1

		Measurement value and relevant minimum and maximum values of the measurement range.		
M	6411	Measurement unit code	M	an..3
		Code specifying the unit of measurement.		
		CBF	Cubic Feet per minute	
			Not supported by INTTRA	
		DGR	Degrees	
			Not supported by INTTRA	
		FTQ	Cubic Feet	
			Not supported by CargoSmart	
		KGM	Kilograms	
		LBR	Pounds	
		MTQ	Cubic Metres	
			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.		

Group: **DIM** Segment Group 19: Dimensions
Position: 0880
Group: Segment Group 16 (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	0890	DIM	Dimensions	M	1	

Segment: **DIM** Dimensions
Position: 0890 (Trigger Segment)
Group: Segment Group 19 (Dimensions) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: 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	Meters	
		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 20: Reference
Position: 0910
Group: Segment Group 16 (Goods Item Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments to identify references to a goods item.

Segment Summary

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	0920	RFF	Reference	M	1	
	0930	DTM	Date/Time/Period	C	9	

Segment: **RFF** Reference
Position: 0920 (Trigger Segment)
Group: Segment Group 20 (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. ABW Stock keeping unit number 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.	M an..3
		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: 0930
Group: Segment Group 20 (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: **SGP** Segment Group 25: Split Goods Placement
Position: 1070
Group: Segment Group 16 (Goods Item Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 999
Purpose: A group of segments to specify the distribution of a goods item among the transport equipment.

Segment Summary

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	1080	SGP	Split Goods Placement	M	1	
	1090		Segment Group 26: Measurements	C		9

Segment: **SGP** Split Goods Placement
Position: 1080 (Trigger Segment)
Group: Segment Group 25 (Split Goods Placement) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the equipment in which goods are transported.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Not supported by CargoSmart.
 If SGP is used, it must be sent for every GID set.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
M	C237		EQUIPMENT IDENTIFICATION Marks (letters/numbers) identifying equipment.	M	1
		8260	Equipment identification number Marks (letters and/or numbers) which identify equipment e.g. unit load device. Can be the real container number or a logical container number (logical sequence number such as CONT1, CONT2)	C	an..17
X		1131	Code list identification code Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	C	an..3
X		3055	Code list responsible agency code Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	C	an..3
X		3207	Country name code Identification of the name of the country or other geographical entity as specified in ISO 3166.	C	an..3
	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	1 n..8

Group: **MEA** Segment Group 26: Measurements
Position: 1090
Group: Segment Group 25 (Split Goods Placement) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments to identify measurements.

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	1100	MEA	Measurements	M	1	

Segment: **MEA** Measurements
Position: 1100 (Trigger Segment)
Group: Segment Group 26 (Measurements) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify measurements of that portion of the goods item in 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	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. 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
		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 measurement range.	C 1
M		6411	Measurement unit code Code specifying the unit of measurement.	M an..3

		FTQ	Cubic Feet		
		KGM	Kilograms		
		LBR	Pounds		
		MTQ	Cubic Meters		
	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: **DGS** Segment Group 27: Dangerous Goods
Position: 1120
Group: Segment Group 16 (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	1130	DGS	Dangerous Goods	M	1	
	1140	FTX	Free Text	C	99	
	1150		Segment Group 28: Contact Information	C		9
	1180		Segment Group 29: Measurements	C		9
	1210		Segment Group 30: Split Goods Placement	C		999

Segment: **DGS** Dangerous Goods
Position: 1130 (Trigger Segment)
Group: Segment Group 27 (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.	
M	C205		HAZARD CODE The identification of the dangerous goods in code.	M 1
M		8351	Hazard code identification Dangerous goods code.	M an..7
		8078	Hazard substance/item/page number Number giving additional hazard code classification of a goods item within the applicable dangerous goods regulation.	C an..7
		8092	Hazard code version number The version/revision number of date of issuance of the code used. Not supported by CargoSmart	C an..10
M	C234		UNDG INFORMATION Information on dangerous goods, taken from the United Nations Dangerous Goods classification.	M 1
M		7124	UNDG number Unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried.	M n4
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.		
X	8410	MFAG	C	1 an..4
		Medical first aid guide.		
	8126	TREM CARD NUMBER	C	1 an..10
		The identification of a transport emergency card giving advice for emergency actions.		
X	C235	HAZARD IDENTIFICATION PLACARD DETAILS	C	1
		These numbers appear on the hazard identification placard required on the means of transport.		
X	8158	Hazard identification number, upper part	C	an..4
		The id. number for the Orange Placard (upper part) required on the means of transport.		
X	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.		
		Not supported by CargoSmart		
	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.		
	8246	Dangerous goods label marking	C	an..4

X	8246	<p>Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.</p> <p>Dangerous goods label marking</p>	C	an..4
X	8255	<p>Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.</p> <p>PACKING INSTRUCTION, CODED</p>	C	1 an..3
X	8325	<p>Code defining the quantity and the type of package in which a product is allowed to be shipped in a passenger or freight aircraft.</p> <p>CATEGORY OF MEANS OF TRANSPORT, CODED</p>	C	1 an..3
X	8211	<p>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.</p> <p>PERMISSION FOR TRANSPORT, CODED</p>	C	1 an..3
		<p>Code giving evidence that transportation of particular hazardous cargo is permitted and identifies the restrictions being put upon a particular transport.</p>		

Segment: **FTX** Free Text
Position: 1140
Group: Segment Group 27 (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. This is mandatory for INTRTRA	
		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		
M	4441	Free text value code		M	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, oder 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
X		4440	Free text value Free form text.	C	an..512
X		4440	Free text value Free form text.	C	an..512
X		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 28: Contact Information
Position: 1150
Group: Segment Group 27 (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

	<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	1160	CTA	Contact Information	M	1	
	1170	COM	Communication Contact	C	9	

Segment: **CTA Contact Information**
Position: 1160 (Trigger Segment)
Group: Segment Group 28 (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: 1170
Group: Segment Group 28 (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 29: Measurements
Position: 1180
Group: Segment Group 27 (Dangerous Goods) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments to identify dangerous goods measurements.

Segment Summary

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	1190	MEA	Measurements	M	1	

Segment: **MEA** Measurements
Position: 1190 (Trigger Segment)
Group: Segment Group 29 (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	Kilograms		
		LBR	Pounds		
		LTR	Liters		
		MBQ	Mega Becquerels		
		MTQ	Cubic Meters		
		PIW	Percentage of acid vs. 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: **SGP** Segment Group 30: Split Goods Placement
Position: 1210
Group: Segment Group 27 (Dangerous Goods) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 999
Purpose: A group of segments to specify the distribution of the dangerous goods among the transport equipment.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1220	SGP	Split Goods Placement	M	1	
	1230		Segment Group 31: Measurements	C		9

Segment: **SGP** Split Goods Placement
Position: 1220 (Trigger Segment)
Group: Segment Group 30 (Split Goods Placement) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the equipment in which the dangerous goods are transported.

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	C237		EQUIPMENT IDENTIFICATION Marks (letters/numbers) identifying equipment.	M	1
		8260	Equipment identification number Marks (letters and/or numbers) which identify equipment e.g. unit load device. Can be real container number or logical container number	C	an..17
X		1131	Code list identification code Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	C	an..3
X		3055	Code list responsible agency code Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	C	an..3
X		3207	Country name code Identification of the name of the country or other geographical entity as specified in ISO 3166.	C	an..3
	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	1 n..8

Group: **MEA** Segment Group 31: Measurements
Position: 1230
Group: Segment Group 30 (Split Goods Placement) Conditional (Optional)
Level: 4
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments to identify dangerous goods measurements.

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	1240	MEA	Measurements	M	1	

Segment: **MEA** Measurements
Position: 1240 (Trigger Segment)
Group: Segment Group 31 (Measurements) Conditional (Optional)
Level: 4
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify measurements of that portion of the dangerous goods in 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	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.	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 measurement range.	C 1
M		6411	Measurement unit code Code specifying the unit of measurement.	M an..3

		FTQ	Cubic Feet		
		GAL	Gallons		
		KGM	Kilograms		
		LBR	Pounds		
		LTR	Liters		
		MTQ	Cubic Meters		
		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 32: Equipment Details
Position: 1260
Group:
Level: 1
Usage: Mandatory
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	1270	EQD	Equipment Details	M	1	
M	1280	EQN	Number of Units	M	1	
M	1290	TMD	Transport Movement Details	M	1	
	1300	MEA	Measurements	C	9	
	1310	DIM	Dimensions	C	9	
	1330	HAN	Handling Instructions	C	1	
	1340	TMP	Temperature	C	1	
	1350	FTX	Free Text	C	9	
	1360	RFF	Reference	C	9	
	1370		Segment Group 33: Name and Address	C		9

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

Dependency Notes:
Semantic Notes:
Comments:

Notes: Please provide real container number if known. If no container numbers known, a logical number can be used (sequential number like CONT1, CONT2) or none (field can be left empty)

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. Can be real container number or logical container number (CONT1, CONT2), or left empty.	C an..17
		1131	Code list identification code Identification of a code list.	C an..3
		146	Means of transport identification Code identifying the name or number of a means of transport (vessel, vehicle).	
		230	Actual container number Entity relationship Identifies a code list of entity relationships. Logical container number (CONT1, CONT2)	
		3055	Code list responsible agency code Code specifying the agency responsible for a code list.	C an..3

		<i>ZZZ</i>	Mutually defined		
X		3207	Country name code Identification of the name of the country or other geographical entity as specified in ISO 3166.	C	an..3
M	C224		EQUIPMENT SIZE AND TYPE Code and or name identifying size and type of equipment. Code preferred.	M	1
		8155	Equipment size and type description code Code specifying the size and type of equipment. A full list of container type codes can be found in a separate document.	C	an..10
		1131	Code list identification code Identification of a code list.	C	an..3
		102	Size and type		
		3055	Code list responsible agency code Code specifying the agency responsible for a code list.	C	an..3
		5	ISO (International Organization for Standardization)		
		8154	Equipment size and type description Free form description of the size and type of equipment.	C	an..35
	8077		EQUIPMENT SUPPLIER, CODED To indicate the party that is the supplier of the equipment.	C	1 an..3
		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 Code specifying the status of equipment. Refer to D.99B Data Element Dictionary for acceptable code values.	C	1 an..3
		8169	FULL/EMPTY INDICATOR, CODED To indicate the extent to which the equipment is full or empty. Not supported by CargoSmart	C	1 an..3
		4	Empty		
		5	Full		

Segment: **EQN** Number of Units
Position: 1280
Group: Segment Group 32 (Equipment Details) Mandatory
Level: 2
Usage: Mandatory
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. Number of containers.	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: 1290
Group: Segment Group 32 (Equipment Details) Mandatory
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify transport movement details for the equipment.
Dependency Notes:
Semantic Notes:
Comments:
Notes: Not supported by CargoSmart (only full loads indicator at header - TSR)

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C219		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 er 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: 1300
Group: Segment Group 32 (Equipment Details) Mandatory
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 Not supported by CargoSmart (on GID level) AAX Net volume The observed volume after adjustment for factors such as temperature or gravity. Not supported by CargoSmart G Gross weight [6292] Weight (mass) of goods including packing but excluding the carrier's equipment. Not supported by INTTRA ZC Carbon Not supported by CargoSmart (on GID level)	C an..3

		ZN	Nitrogen		
			Not supported by CargoSmart (on GID level)		
		ZO	Oxygen		
			Not supported by CargoSmart (on GID level)		
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 metres Per Hour		
			Air Flow - Not supported by CargoSmart		
		CFT	Cubic feet per hour		
			Air Flow - Not supported by CargoSmart		
		FTQ	Cubic Feet		
			Volume - Not supported by CargoSmart		
		HMD	Percent of moisture in the air		
			Humidity - Not supported by CargoSmart		
		KGM	Kilograms		
			Weight		
		LBR	Pounds		
			Weight		
		MTQ	Cubic Meters		
			Volume - Not supported by CargoSmart		
		PCT	Percent		
			Atmosphere (ZO oxygen, ZN nitrogen, ZC carbon dioxide) - Not supported by CargoSmart		
		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 Maximum of a range.	C	n..18
X		6432	Significant digits To specify the number of significant digits.	C	n..2
X	7383		SURFACE/LAYER CODE Code specifying the surface or layer of an object. Refer to D.99B Data Element Dictionary for acceptable code values.	C	1 an..3

Segment: **DIM** Dimensions
Position: 1310
Group: Segment Group 32 (Equipment Details) Mandatory
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 GID level)

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: 1330
Group: Segment Group 32 (Equipment Details) Mandatory
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: 1340
Group: Segment Group 32 (Equipment Details) Mandatory
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 GID level).

For INTTRA it is necessary to specify temperatures on container level.

If the temperature is negative, please use a negative sign (this is not calculated in the total length of the data element - e.g. -010 is valid). If the temperature is positive, please don't use a positive sign.

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. 2 Transport temperature The temperature at which cargo is to be kept while it is under transport.	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: 1350
Group: Segment Group 32 (Equipment Details) Mandatory
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 (qualifiers HAN, AEB on GID level)

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
		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.	M an..17
		CCN	Canadian Cargo Control Number Qualifier CUS	
		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 freezer 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
SWP	Equipment must be swept
	Qualifier SSR
TVA	Temperature variance
	Qualifier AEB
UCN	Customs Export Declaration Unique Consignment Reference (DUCR)
	Qualifier CUS
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

		130	a special Customs treatment. 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 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
X		4440	Free text value Free form text.	C	an..512
X		4440	Free text value Free form text.	C	an..512
X		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

Segment: **RFF** Reference
Position: 1360
Group: Segment Group 32 (Equipment Details) Mandatory
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.	
			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.	
		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

Group: **NAD** Segment Group 33: Name and Address
Position: 1370
Group: Segment Group 32 (Equipment Details) Mandatory
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

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	1380	NAD	Name and Address	M	1	
	1390	DTM	Date/Time/Period	C	1	
	1400		Segment Group 34: Contact Information	C		9

Segment: **NAD** Name and Address
Position: 1380 (Trigger Segment)
Group: Segment Group 33 (Name and Address) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify a pick-up or drop-off address.

Dependency Notes:
Semantic Notes:
Comments:

Notes: The Ship From and Ship To party can also be specified on header level. We recommend using header or detail segments. Not both.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party.	M 1 an..3
		CK	Empty equipment despatch party Party from whose premises empty equipment will be or has been despatched. Not supported by CargoSmart. Request for specific empty pick-up location (e.g. merchant haulage)	
		CL	Container location party Party from whose premises container will be or has been despatched. Not supported by CargoSmart. Intermediary export drop-off location (can be multiple, only carrier haulage at origin)	
		EV	Subcontractor Firm carrying out a part of the works for a contractor. Not supported by CargoSmart. For example in case super freezer service or in-transit cold sterilization service is provided by another party than the carrier.	
		SF	Ship from Identification of the party from where goods will be or have been shipped. Door location (carrier haulage at origin).	
		ST	Ship to Identification of the party to where goods will be or have been shipped. Not supported by CargoSmart. Door location (carrier haulage at destination)	

	C082	PARTY IDENTIFICATION DETAILS	C	1
		Identification of a transaction party by code.		
		Not supported by CargoSmart		
M	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.		
		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.		
		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.		
		<i>ZZZ</i> Mutually defined		
X	C058	NAME AND ADDRESS	C	1
		Unstructured name and address: one to five lines.		
X	3124	Name and address line	M	an..35
		Free form name and address description.		
X	3124	Name and address line	C	an..35
		Free form name and address description.		
X	3124	Name and address line	C	an..35
		Free form name and address description.		
X	3124	Name and address line	C	an..35
		Free form name and address description.		
X	3124	Name and address line	C	an..35
		Free form name and address description.		
	C080	PARTY NAME	C	1
		Identification of a transaction party by name, one to five lines. Party name may be formatted.		
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.		
X		3042 Street and number/p.o. box	C	an..35
		Street and number in plain language, or Post Office Box No.		
X		3042 Street and number/p.o. box	C	an..35
		Street and number in plain language, or Post Office Box No.		
X	3164	CITY NAME	C	1 an..35
		Name of a city (a town, a village) for addressing purposes.		
	C819	COUNTRY SUB-ENTITY DETAILS	C	1
		To specify a part of a country (eg county or part of a city).		
		3229 Country sub-entity name code	C	an..9
		Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.		
X		1131 Code list identification code	C	an..3
		Identification of a code list.		
		Refer to D.99B Data Element Dictionary for acceptable code values.		
X		3055 Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list.		
		Refer to D.99B Data Element Dictionary for acceptable code values.		
X		3228 Country sub-entity name	C	an..35
		Name of sub-entities (state, province) defined by appropriate governmental agencies.		
	3251	POSTAL IDENTIFICATION CODE	C	1 an..17
		Code specifying the postal zone or address.		
	3207	COUNTRY NAME CODE	C	1 an..3
		Identification of the name of the country or other geographical entity as specified in ISO 3166.		

Segment: **DTM** Date/Time/Period
Position: 1390
Group: Segment Group 33 (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
		2	Delivery date/time, requested Date on which buyer requests goods to be delivered. Not supported by CargoSmart.	
		181	Delivery date/time of full container. In combination met Ship To party (ST) Positioning date/time of equipment Date/time when equipment is positioned. Not supported by CargoSmart.	
		200	Requested positioning date of empty. In combination met Ship From party (SF) 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 met Ship From (SF) and Container Location party (CL)	
		393	Equipment collection or pick-up date/time, planned Date/time on which equipment can be picked up, either full or empty, according to a planning. Not supported by CargoSmart.	
		396	Requested pick-up date for empty container. In combination met Empty Equipment Dispatch party (CK) Equipment positioning date/time, requested	

		Date/time on which equipment is requested to be positioned (delivered). Not supported by CargoSmart. Requested positioning at intermediate stop off. In combination met Container Location party (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.		

Group: **CTA** Segment Group 34: Contact Information
Position: 1400
Group: Segment Group 33 (Name and Address) Conditional (Optional)
Level: 3
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. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	1410	CTA	Contact Information	M	1	
	1420	COM	Communication Contact	C	9	

Segment: **CTA Contact Information**
Position: 1410 (Trigger Segment)
Group: Segment Group 34 (Contact Information) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify a contact name associated with a specified equipment positioning or collection address.

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).	
		AO Plant/equipment contact	
		Department/person to contact for matters regarding plant/equipment.	
	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: 1420
Group: Segment Group 34 (Contact Information) Conditional (Optional)
Level: 4
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify a communication number related to the contact.

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. Not supported by CargoSmart	
		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.	

Segment: **UNT** Message Trailer
Position: 1490
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