

EDIFACT IFTMIN D96B (Shipping Instructions) Implementation Guide

Version: 4.0

Company: CargoSmart Limited

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IFTMIN Instruction message

Message Status=2

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

Heading:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u> <u>s</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
	UNB	INTERCHANGE HEADER	M	1		Must use	8
	UNG	FUNCTIONAL GROUP HEADER	C	1		Used	11
0010	UNH	MESSAGE HEADER	M	1	N1/0010	Must use	14
0020	BGM	BEGINNING OF MESSAGE	M	1	N1/0020	Must use	16
* 0030	CTA	CONTACT INFORMATION	C	1	N1/0030	Not Used	N/A
* 0040	COM	COMMUNICATION CONTACT	C	9	N1/0040	Not Used	N/A
0050	DTM	DATE/TIME/PERIOD	C	9	N1/0050	Must use	17
0060	TSR	TRANSPORT SERVICE REQUIREMENTS	C	9	N1/0060	Must use	18
* 0070	CUX	CURRENCIES	C	9	N1/0070	Not Used	N/A
* 0080	MOA	MONETARY AMOUNT	C	99	N1/0080	Not Used	N/A
0090	FTX	FREE TEXT	C	99	N1/0090	Used	20
* 0100	CNT	CONTROL TOTAL	C	9	N1/0100	Not Used	N/A
0110	DOC	DOCUMENT/MESSAGE DETAILS	C	9	N1/0110	Used	22

Detail:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u> <u>s</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
0120		Segment Group 1	C	99	N2/0120	Used	24
0130	LOC	PLACE/LOCATION IDENTIFICATION	M	1	N2/0130	Must use	25
* 0140	DTM	DATE/TIME/PERIOD	C	9	N2/0140	Not Used	N/A
* 0150		Segment Group 2	C	2	N2/0150	Not used	N/A
* 0160	TOD	TERMS OF DELIVERY OR TRANSPORT	M	1	N2/0160	Not Used	N/A
* 0170	LOC	PLACE/LOCATION IDENTIFICATION	C	9	N2/0170	Not Used	N/A
0180		Segment Group 3	C	999	N2/0180	Must use	27
0190	RFF	REFERENCE	M	1	N2/0190	Must use	28
* 0200	DTM	DATE/TIME/PERIOD	C	9	N2/0200	Not Used	N/A
* 0210		Segment Group 4	C	9	N2/0210	Not used	N/A
* 0220	GOR	GOVERNMENTAL REQUIREMENTS	M	1	N2/0220	Not Used	N/A
* 0230	DTM	DATE/TIME/PERIOD	C	9	N2/0230	Not Used	N/A
* 0240	LOC	PLACE/LOCATION IDENTIFICATION	C	9	N2/0240	Not Used	N/A
* 0250	SEL	SEAL NUMBER	C	9	N2/0250	Not Used	N/A
* 0260	FTX	FREE TEXT	C	9	N2/0260	Not Used	N/A
* 0270		Segment Group 5	C	9	N2/0270	Not used	N/A
* 0280	DOC	DOCUMENT/MESSAGE DETAILS	M	1	N2/0280	Not Used	N/A
* 0290	DTM	DATE/TIME/PERIOD	C	1	N2/0290	Not Used	N/A
0300		Segment Group 6	C	9	N2/0300	Used	29

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
0310	CPI	CHARGE PAYMENT INSTRUCTIONS	M	1	N2/0310	Must use	30
* 0320	RFF	REFERENCE	C	99	N2/0320	Not Used	N/A
* 0330	CUX	CURRENCIES	C	1	N2/0330	Not Used	N/A
* 0340	LOC	PLACE/LOCATION IDENTIFICATION	C	9	N2/0340	Not Used	N/A
* 0350	MOA	MONETARY AMOUNT	C	9	N2/0350	Not Used	N/A
* 0360		Segment Group 7	C	99	N2/0360	Not used	N/A
* 0370	TCC	TRANSPORT CHARGE/RATE CALCULATIONS	M	1	N2/0370	Not Used	N/A
* 0380	LOC	PLACE/LOCATION IDENTIFICATION	C	1	N2/0380	Not Used	N/A
* 0390	FTX	FREE TEXT	C	1	N2/0390	Not Used	N/A
* 0400	CUX	CURRENCIES	C	1	N2/0400	Not Used	N/A
* 0410	PRI	PRICE DETAILS	C	1	N2/0410	Not Used	N/A
* 0420	EQN	NUMBER OF UNITS	C	1	N2/0420	Not Used	N/A
* 0430	PCD	PERCENTAGE DETAILS	C	1	N2/0430	Not Used	N/A
* 0440	MOA	MONETARY AMOUNT	C	9	N2/0440	Not Used	N/A
* 0450	QTY	QUANTITY	C	9	N2/0450	Not Used	N/A
0460		Segment Group 8	C	99	N2/0460	Must use	31
0470	TDT	DETAILS OF TRANSPORT	M	1	N2/0470	Must use	32
* 0480	DTM	DATE/TIME/PERIOD	C	9	N2/0480	Not Used	N/A
* 0490	TSR	TRANSPORT SERVICE REQUIREMENTS	C	9	N2/0490	Not Used	N/A
0500		Segment Group 9	C	99	N2/0500	Must use	35
0510	LOC	PLACE/LOCATION IDENTIFICATION	M	1	N2/0510	Must use	36
* 0520	DTM	DATE/TIME/PERIOD	C	1	N2/0520	Not Used	N/A
* 0530		Segment Group 10	C	9	N2/0530	Not used	N/A
* 0540	RFF	REFERENCE	M	1	N2/0540	Not Used	N/A
* 0550	DTM	DATE/TIME/PERIOD	C	1	N2/0550	Not Used	N/A
0560		Segment Group 11	M	99	N2/0560	Must use	38
0570	NAD	NAME AND ADDRESS	M	1	N2/0570	Must use	39
* 0580	LOC	PLACE/LOCATION IDENTIFICATION	C	9	N2/0580	Not Used	N/A
* 0590	MOA	MONETARY AMOUNT	C	9	N2/0590	Not Used	N/A
0600		Segment Group 12	C	9	N2/0600	Used	42
0610	CTA	CONTACT INFORMATION	M	1	N2/0610	Must use	43
0620	COM	COMMUNICATION CONTACT	C	9	N2/0620	Used	44
* 0630		Segment Group 13	C	9	N2/0630	Not used	N/A
* 0640	DOC	DOCUMENT/MESSAGE DETAILS	M	1	N2/0640	Not Used	N/A
* 0650	DTM	DATE/TIME/PERIOD	C	1	N2/0650	Not Used	N/A
* 0660		Segment Group 14	C	99	N2/0660	Not used	N/A
* 0670	TCC	TRANSPORT CHARGE/RATE CALCULATIONS	M	1	N2/0670	Not Used	N/A
* 0680	PRI	PRICE DETAILS	C	1	N2/0680	Not Used	N/A
* 0690	EQN	NUMBER OF UNITS	C	1	N2/0690	Not Used	N/A
* 0700	PCD	PERCENTAGE DETAILS	C	1	N2/0700	Not Used	N/A
* 0710	MOA	MONETARY AMOUNT	C	9	N2/0710	Not Used	N/A

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
* 0720	QTY	QUANTITY	C	9	N2/0720	Not Used	N/A
0730		Segment Group 15	O	9	N2/0730	Used	45
0740	RFF	REFERENCE	O	1	N2/0740	Used	46
* 0750	DTM	DATE/TIME/PERIOD	C	9	N2/0750	Not Used	N/A
* 0760		Segment Group 16	C	9	N2/0760	Not used	N/A
* 0770	CPI	CHARGE PAYMENT INSTRUCTIONS	M	1	N2/0770	Not Used	N/A
* 0780	RFF	REFERENCE	C	99	N2/0780	Not Used	N/A
* 0790	CUX	CURRENCIES	C	1	N2/0790	Not Used	N/A
* 0800	LOC	PLACE/LOCATION IDENTIFICATION	C	9	N2/0800	Not Used	N/A
* 0810	MOA	MONETARY AMOUNT	C	9	N2/0810	Not Used	N/A
* 0820		Segment Group 17	C	99	N2/0820	Not used	N/A
* 0830	TSR	TRANSPORT SERVICE REQUIREMENTS	M	1	N2/0830	Not Used	N/A
* 0840	RFF	REFERENCE	C	1	N2/0840	Not Used	N/A
* 0850	LOC	PLACE/LOCATION IDENTIFICATION	C	1	N2/0850	Not Used	N/A
* 0860	TPL	TRANSPORT PLACEMENT	C	1	N2/0860	Not Used	N/A
* 0870	FTX	FREE TEXT	C	9	N2/0870	Not Used	N/A
0880		Segment Group 18	C	999	N2/0880	Must use	47
0890	GID	GOODS ITEM DETAILS	M	1	N2/0890	Must use	48
* 0900	HAN	HANDLING INSTRUCTIONS	C	99	N2/0900	Not Used	N/A
* 0910	TMP	TEMPERATURE	C	1	N2/0910	Not Used	N/A
* 0920	RNG	RANGE DETAILS	C	1	N2/0920	Not Used	N/A
* 0930	TMD	TRANSPORT MOVEMENT DETAILS	C	1	N2/0930	Not Used	N/A
* 0940	LOC	PLACE/LOCATION IDENTIFICATION	C	9	N2/0940	Not Used	N/A
* 0950	MOA	MONETARY AMOUNT	C	9	N2/0950	Not Used	N/A
0960	PIA	ADDITIONAL PRODUCT ID	C	9	N2/0960	Used	52
0970	FTX	FREE TEXT	C	99	N2/0970	Must use	54
* 0980		Segment Group 19	C	9	N2/0980	Not used	N/A
* 0990	NAD	NAME AND ADDRESS	M	1	N2/0990	Not Used	N/A
* 1000	DTM	DATE/TIME/PERIOD	C	1	N2/1000	Not Used	N/A
1010	GDS	NATURE OF CARGO	C	9	N2/1010	Must use	56
1020		Segment Group 20	C	99	N2/1020	Used	57
1030	MEA	MEASUREMENTS	M	1	N2/1030	Must use	58
* 1040	EQN	NUMBER OF UNITS	C	1	N2/1040	Not Used	N/A
1050		Segment Group 21	C	99	N2/1050	Used	60
1060	DIM	DIMENSIONS	M	1	N2/1060	Must use	61
* 1070	EQN	NUMBER OF UNITS	C	1	N2/1070	Not Used	N/A
1080		Segment Group 22	C	9	N2/1080	Used	62
1090	RFF	REFERENCE	M	1	N2/1090	Must use	63
* 1100	DTM	DATE/TIME/PERIOD	C	9	N2/1100	Not Used	N/A
1110		Segment Group 23	C	999	N2/1110	Used	64
1120	PCI	PACKAGE IDENTIFICATION	M	1	N2/1120	Must use	65
* 1130	RFF	REFERENCE	C	1	N2/1130	Not Used	N/A

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
* 1140	DTM	DATE/TIME/PERIOD	C	1	N2/1140	Not Used	N/A
* 1150	GIN	GOODS IDENTITY NUMBER	C	10	N2/1150	Not Used	N/A
* 1160		Segment Group 24	C	9	N2/1160	Not used	N/A
* 1170	DOC	DOCUMENT/MESSAGE DETAILS	M	1	N2/1170	Not Used	N/A
* 1180	DTM	DATE/TIME/PERIOD	C	9	N2/1180	Not Used	N/A
* 1190		Segment Group 25	C	9	N2/1190	Not used	N/A
* 1200	GOR	GOVERNMENTAL REQUIREMENTS	M	1	N2/1200	Not Used	N/A
* 1210	DTM	DATE/TIME/PERIOD	C	9	N2/1210	Not Used	N/A
* 1220	LOC	PLACE/LOCATION IDENTIFICATION	C	9	N2/1220	Not Used	N/A
1230	SEL	SEAL NUMBER	C	9	N2/1230	Used	N/A
* 1240	FTX	FREE TEXT	C	9	N2/1240	Not Used	N/A
* 1250		Segment Group 26	C	9	N2/1250	Not used	N/A
* 1260	DOC	DOCUMENT/MESSAGE DETAILS	M	1	N2/1260	Not Used	N/A
* 1270	DTM	DATE/TIME/PERIOD	C	1	N2/1270	Not Used	N/A
* 1280		Segment Group 27	C	9	N2/1280	Not used	N/A
* 1290	TPL	TRANSPORT PLACEMENT	M	1	N2/1290	Not Used	N/A
* 1300		Segment Group 28	C	9	N2/1300	Not used	N/A
* 1310	MEA	MEASUREMENTS	M	1	N2/1310	Not Used	N/A
* 1320	EQN	NUMBER OF UNITS	C	1	N2/1320	Not Used	N/A
1330		Segment Group 29	C	999	N2/1330	Used	67
1340	SGP	SPLIT GOODS PLACEMENT	M	1	N2/1340	Must use	68
1350		Segment Group 30	C	9	N2/1350	Used	69
1360	MEA	MEASUREMENTS	M	1	N2/1360	Must use	70
* 1370	EQN	NUMBER OF UNITS	C	1	N2/1370	Not Used	N/A
* 1380		Segment Group 31	C	99	N2/1380	Not used	N/A
* 1390	TCC	TRANSPORT CHARGE/RATE CALCULATIONS	M	1	N2/1390	Not Used	N/A
* 1400	CUX	CURRENCIES	C	1	N2/1400	Not Used	N/A
* 1410	PRI	PRICE DETAILS	C	1	N2/1410	Not Used	N/A
* 1420	EQN	NUMBER OF UNITS	C	1	N2/1420	Not Used	N/A
* 1430	PCD	PERCENTAGE DETAILS	C	1	N2/1430	Not Used	N/A
* 1440	MOA	MONETARY AMOUNT	C	9	N2/1440	Not Used	N/A
* 1450	QTY	QUANTITY	C	9	N2/1450	Not Used	N/A
* 1460	LOC	PLACE/LOCATION IDENTIFICATION	C	9	N2/1460	Not Used	N/A
1470		Segment Group 32	C	9	N2/1470	Used	72
1480	DGS	DANGEROUS GOODS	M	1	N2/1480	Must use	73
1490	FTX	FREE TEXT	C	99	N2/1490	Used	76
* 1500		Segment Group 33	C	9	N2/1500	Not used	N/A
* 1510	CTA	CONTACT INFORMATION	M	1	N2/1510	Not Used	N/A
* 1520	COM	COMMUNICATION CONTACT	C	9	N2/1520	Not Used	N/A
* 1530		Segment Group 34	C	9	N2/1530	Not used	N/A
* 1540	MEA	MEASUREMENTS	M	1	N2/1540	Not Used	N/A
* 1550	EQN	NUMBER OF UNITS	C	1	N2/1550	Not Used	N/A
* 1560		Segment Group 35	C	999	N2/1560	Not used	N/A

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u> <u>s</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
* 1570	SGP	SPLIT GOODS PLACEMENT	M	1	N2/1570	Not Used	N/A
* 1580		Segment Group 36	C	9	N2/1580	Not used	N/A
* 1590	MEA	MEASUREMENTS	M	1	N2/1590	Not Used	N/A
* 1600	EQN	NUMBER OF UNITS	C	1	N2/1600	Not Used	N/A
1610		Segment Group 37	C	999	N2/1610	Used	78
1620	EQD	EQUIPMENT DETAILS	M	1	N2/1620	Must use	79
* 1630	EQN	NUMBER OF UNITS	C	1	N2/1630	Not Used	N/A
* 1640	TMD	TRANSPORT MOVEMENT DETAILS	C	1	N2/1640	Not Used	N/A
1650	MEA	MEASUREMENTS	C	9	N2/1650	Used	81
* 1660	DIM	DIMENSIONS	C	9	N2/1660	Not Used	N/A
1670	SEL	SEAL NUMBER	C	99	N2/1670	Used	83
* 1680	TPL	TRANSPORT PLACEMENT	C	9	N2/1680	Not Used	N/A
* 1690	HAN	HANDLING INSTRUCTIONS	C	1	N2/1690	Not Used	N/A
1700	TMP	TEMPERATURE	C	1	N2/1700	Used	84
1710	FTX	FREE TEXT	C	9	N2/1710	Used	85
* 1720		Segment Group 38	C	99	N2/1720	Not used	N/A
* 1730	TCC	TRANSPORT CHARGE/RATE CALCULATIONS	M	1	N2/1730	Not Used	N/A
* 1740	PRI	PRICE DETAILS	C	1	N2/1740	Not Used	N/A
* 1750	EQN	NUMBER OF UNITS	C	1	N2/1750	Not Used	N/A
* 1760	PCD	PERCENTAGE DETAILS	C	1	N2/1760	Not Used	N/A
* 1770	MOA	MONETARY AMOUNT	C	9	N2/1770	Not Used	N/A
* 1780	QTY	QUANTITY	C	9	N2/1780	Not Used	N/A
* 1790		Segment Group 39	C	9	N2/1790	Not used	N/A
* 1800	NAD	NAME AND ADDRESS	M	1	N2/1800	Not Used	N/A
* 1810	DTM	DATE/TIME/PERIOD	C	1	N2/1810	Not Used	N/A
* 1820		Segment Group 40	C	9	N2/1820	Not used	N/A
* 1830	CTA	CONTACT INFORMATION	M	1	N2/1830	Not Used	N/A
* 1840	COM	COMMUNICATION CONTACT	C	9	N2/1840	Not Used	N/A
* 1850		Segment Group 41	C	99	N2/1850	Not used	N/A
* 1860	EQA	ATTACHED EQUIPMENT	M	1	N2/1860	Not Used	N/A
* 1870	EQN	NUMBER OF UNITS	C	1	N2/1870	Not Used	N/A

Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u> <u>s</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
1880	UNT	MESSAGE TRAILER	M	1	N3/1880	Must use	87
	UNE	FUNCTIONAL GROUP TRAILER	C	1		Used	88
	UNZ	INTERCHANGE TRAILER	M	1		Must use	89

Conventions:

- 1 The segment hierarchy lists all the segments of EDIFACT standard. Segments which are not used by CargoSmart are indicated with * sign.
- 2 A detailed description of each segment is listed with the segment ID and name, level (header, detail, or summary), loop (if the segment is contained within a loop), loop repeat (for the first segment in the loop), requirement within the transaction set (as required by CS), maximum use, purpose (as defined by EDIFACT), EDIFACT syntax notes, EDIFACT comments for segment usage, notes that explain CS convention for the segment within the transaction set and a valid sample of that segment.
- 3 The data element summary lists each data element, in order, for the segment. The data element summary includes the following types of information:

- . **Ref** - This is the segment identifier with the data element sequence number within the segment.
- . **Id** - This is the number assigned to the data element by EDIFACT. This number may be used for direct reference into the EDIFACT Data Element Dictionary
- . **Element Name** - This is the name assigned to the data element by EDIFACT, in the EDIFACT Data Element Dictionary.
- . **Req** - Element Usage based on EDIFACT standard and CS requirement. Below are the values used:
 - . **M Mandatory** The data element must be used if the segment is used.
 - . **O Optional** The data element may be used if the segment is used.
 - . **C Conditional** The data element may be used - its presence is dependent on the presence or absence of other data elements in the same segment. The particular condition/relation will be stated in the CS Notes section for that segment.
- . **Type** - Element Type based on EDIFACT standard (Reference: http://www.unece.org/trade/untdid/texts/d426_d.htm#p2.9) and CS requirement. Below are the values used:
 - . **ID (Identifier)** Values for the identifier-type data elements are taken from a predefined list in the EDIFACT Data Element Dictionary.
 - . **AN (String)** Values for the string-type data element are a sequence of any printable characters.
 - . **N (Numeric)** Values for a numeric data element are in an implied decimal format. For negative values the leading minus sign (-) is used. Absence of a minus sign indicates a positive number. The decimal point is not transmitted in the character stream.
- . **Minimum/Maximum** - This is the minimum and maximum length the field can be.
- . **Usage** - Element Usage based on CS mapping. Below are values used:
 - . **Must Use** CS is mapping this data element to a mandatory field in internal files and CS DB. Unavailability of this element will lead to CS failure.
 - . **Used** CS may map this data element but unavailability will not cause failure.
 - . **Not Used** CS is not mapping this data element to internal files and data is not extracted/loaded to CS DB.
- . **Code values** - CS supported values for each element.

Revision History:

Version Number	Version Date	Change Description
4.0	13Dec'10	Added Group15 RFF Added qualifiers for Group15 RFF C506_010 Added Group18 PIA Added qualifiers for Group18 PIA010 Added qualifiers for Group18 PIA C212_020
3.2	09Jul'10	Added communication channel qualifiers for COM010_3155 (group 12)
3.1	13May'09	Add comment for DOC010_1001 document/message name, coded
3.0	16Jun'08	Reviewed against CS UIF Request Emergency contact number for DG cargo
2.0.3	12Oct'06	Add net weight qualifier for goods measurement.
2.0.2	04Oct'06	Extend NAD segment to accommodate 5 party names.
2.0.1	25Aug'06	1. Set group 22 conditional because CCLP shipment may not provide it. 2. Set EQD_02 conditional

		<i>because CCLP shipment may not provide it..</i>
2.0	09Aug'06	<i>Revised the presentation</i>
1.6.3	01Aug'06	<i>Add SI party: SI Submitter</i>
1.6.2	14Jun'06	<i>Change type of DOC-300-3153 from N to AN</i>
1.6.1	11Mar'04	<i>Added grouping to MEA under GID group Corrected max. repetitions of MEA and SEL segments under EQD group.</i>
1.5	19May'03	<i>Added DIM segment under cargo level. Added FTX segment under DGS group. Added RFF segment under GID group. Removed RNG segment. Revised LOC definitions. Removed grouping for GDS and MEA segments under GID group. Redefined DGS segment. Corrected typos of the previous version. Added DIM segment under cargo level. Added FTX segment under DGS group. Added RFF segment under GID group. Removed RNG segment. Revised LOC definitions. Removed grouping for GDS and MEA segments under GID group. Redefined DGS segment. Corrected typos of the previous version.</i>
1.4.1	14Apr'03	<i>Stated the "Communication Number"format in COM101 element. Stated the "Department or Employee" name format in CTA202 element. Added more "Contact function code" for CTA100 element. Corrected typos in CNT segment. Clarified the definition of element CTA202. Changed definition of LOC group 1</i>
1.4	02Apr'03	<i>Moved the DOC segment from outside the NAD group to just after the CNT segment.</i>
1.3	28Mar'03	<i>Version with refined contents, revised presentation and corrected typos from previous version. Added segments TCC, LOC under NAD and GDS.</i>
1.0	12Aug'02	<i>Initial Release</i>

UNB INTERCHANGE HEADER

Pos:	Max: 1
Mandatory	
Group:	Elements: 11
N/A	

User Option (Usage): Must use

Purpose: To start, identify and specify an interchange.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNB010	S001	SYNTAX IDENTIFIER	M	Comp		Must use
		Description: Identification of the agency controlling the syntax and indication of syntax level.				
	0001	Syntax identifier	M	a	4/4	Must use
		Description: Coded identification of the agency controlling a syntax and syntax level used in an interchange.				
		Code	Name			
		UNOA	UN/ECE level A			
		UNOB	UN/ECE level B			
		UNOC	UN/ECE level C			
	0002	Syntax version number	M	n	1/1	Must use
		Description: Version number of the syntax identified in the syntax identifier (0001).				
UNB020	S002	INTERCHANGE SENDER	M	Comp		Must use
		Description: Identification of the sender of the interchange.				
	0004	Sender identification	M	an	1/35	Must use
		Description: Name or coded representation of the sender of a data interchange.				
		Code	Name			
		YOUR_ID	Your Interchange ID			
		CS Note:				
		<i>If you are sender</i>				
		CARGOSM	CargoSmart Interchange ID			
		ART				
		CS Note:				
		<i>If CargoSmart is sender</i>				
	0007	Partner identification code qualifier	C	an	1/4	Used
		Description: Qualifier referring to the source of codes for the identifiers of interchanging partners.				
		Code	Name			
		01	CargoSmart Interchange ID Qualifier			
		CS Note:				
		<i>If CargoSmart is sender</i>				
		ZZ	Your Interchange ID Qualifier			
		CS Note:				
		<i>If you are sender</i>				
	0008	Address for reverse routing	C	an	1/14	Used
		Description: Address specified by the sender of an interchange to be included by the				

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		recipient in the response interchanges to facilitate internal routing.				
UNB030	S003	INTERCHANGE RECIPIENT	M	Comp		Must use
		Description: Identification of the recipient of the interchange.				
	0010	Recipient identification	M	an	1/35	Must use
		Description: Name or coded representation of the recipient of a data interchange.				
		Code Name				
		YOUR_ID Your Interchange ID				
		CS Note: <i>If you are recipient</i>				
		CARGOSM CargoSmart Interchange ID				
		ART CS Note: <i>If CargoSmart is recipient</i>				
	0007	Partner identification code qualifier	C	an	1/4	Used
		Description: Qualifier referring to the source of codes for the identifiers of interchanging partners.				
		Code Name				
		01 CargoSmart Interchange ID Qualifier				
		CS Note: <i>If CargoSmart is recipient</i>				
		ZZ Your Interchange ID Qualifier				
		CS Note: <i>If you are recipient</i>				
	0014	Routing address	C	an	1/14	Used
		Description: Address specified by the recipient of an interchange to be included by the sender and used by the recipient for routing of received interchanges inside his organization.				
UNB040	S004	DATE/TIME OF PREPARATION	M	Comp		Must use
		Description: Date/time of preparation of the interchange.				
	0017	Date of preparation	M	n	6/6	Must use
		Description: Local date when an interchange or a functional group was prepared.				
	0019	Time of preparation	M	n	4/4	Must use
		Description: Local time of day when an interchange or a functional group was prepared.				
UNB050	0020	Interchange control reference	M	an	1/14	Must use
		Description: Unique reference assigned by the sender to an interchange.				
UNB060	S005	RECIPIENTS REFERENCE PASSWORD	C	Comp		Used
		Description: Reference or password as agreed between the communicating partners.				
	0022	Recipient's reference/password	M	an	1/14	Must use
		Description: Unique reference assigned by the recipient to the data interchange or a password to the recipient's system or to a third party network as specified in the partners interchange agreement.				
	0025	Recipient's reference/password qualifier	C	an	2/2	Used

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Qualifier for the recipient's reference or password.				
UNB070	0026	Application reference	C	an	1/14	Used
		Description: Identification of the application area assigned by the sender, to which the messages in the interchange relate e.g. the message identifier if all the messages in the interchange are of the same type.				
UNB080	0029	Processing priority code	C	a	1/1	Used
		Description: Code determined by the sender requesting processing priority for the interchange.				
		Code Name				
		A Highest priority				
UNB090	0031	Acknowledgement request	C	n	1/1	Used
		Description: Code determined by the sender for acknowledgement of the interchange.				
		Code Name				
		1 Requested				
UNB100	0032	Cumunications agreement ID	C	an	1/35	Used
		Description: Identification by name or code of the type of agreement under which the interchange takes place.				
UNB110	0035	Test indicator	C	n	1/1	Used
		Description: Indication that the interchange is a test.				
		Code Name				
		1 Interchange is a test				

Sample:

UNB+UNOA:2+YOUR_ID:ZZ+CARGOSMART:01+070601:1457+107060100746'

UNG FUNCTIONAL GROUP HEADER

Pos:	Max: 1
Group:	Elements: 8
N/A	

User Option (Usage): Used

Purpose: To head, identify and specify a functional group.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNG010	0038	Functional group identification	M	an	1/6	Must use

Description: Identification of the one type of messages in a functional group.

Code Name

IFTMIN Shipping Instructions

UNG020	S006	APPLICATION SENDER'S IDENTIFICATION	M	Comp		Must use
--------	------	--	---	------	--	----------

Description: Identification of the sender's division, department etc. from which a group of messages is sent.

0040		Application sender's identification	M	an	1/35	Must use
------	--	--	---	----	------	----------

Description: Name or code identifying the originating division, department etc. within the sender's organization.

Code Name

YOUR_ID Your Interchange ID

CS Note:

If you are sender

CARGOSM CargoSmart Interchange ID
ART

CS Note:

If CargoSmart is sender

0007		Partner identification code qualifier	C	an	1/4	Used
------	--	--	---	----	-----	------

Description: Qualifier referring to the source of codes for the identifiers of interchanging partners.

Code Name

01 CargoSmart Interchange ID Qualifier

CS Note:

If CargoSmart is sender

ZZ Your Interchange ID Qualifier

CS Note:

If you are sender

UNG030	S007	APPLICATION RECIPIENTS IDENTIFICATION	M	Comp		Must use
--------	------	--	---	------	--	----------

Description: Identification of the recipient's division, department etc. for which a group of messages is intended.

0044		Application recipient's identification	M	an	1/35	Must use
------	--	---	---	----	------	----------

Description: Name or code identifying the division, department etc. within the recipient's organization for which the group of messages is intended.

<u>Code</u>	<u>Name</u>
YOUR_ID	Your Interchange ID

CS Note:
If you are recipient

CARGOSM ART	CargoSmart Interchange ID
----------------	---------------------------

CS Note:
If CargoSmart is recipient

0007 **Partner identification code qualifier** C an 1/4 Used

Description: Qualifier referring to the source of codes for the identifiers of interchanging partners.

<u>Code</u>	<u>Name</u>
01	CargoSmart Interchange ID Qualifier

CS Note:
If CargoSmart is recipient

ZZ	Your Interchange ID Qualifier
----	-------------------------------

CS Note:
If you are recipient

UNG040 S004 **DATE/TIME OF PREPARATION** M Comp Must use

Description: Date/time of preparation of the interchange.

0017 **Date of preparation** M n 6/6 Must use

Description: Local date when an interchange or a functional group was prepared.

0019 **Time of preparation** M n 4/4 Must use

Description: Local time of day when an interchange or a functional group was prepared.

UNG050 0048 **Functional group reference number** M an 1/14 Must use

Description: Reference number for the functional group assigned by and unique within the sender's division, department etc.

UNG060 0051 **Controlling agency** M an 1/2 Must use

Description: Code identifying the agency controlling the specification, maintenance and publication of the message type.

<u>Code</u>	<u>Name</u>
UN	UN/CEFACT

UNG070 S008 **MESSAGE VERSION** M Comp Must use

Description: Specification of the type of messages in the functional group.

0052 **Message version number** M an 1/3 Must use

Description: Version number of a message type.

<u>Code</u>	<u>Name</u>
D	Draft version/UN/EDIFACT Directory

0054 **Message release number** M an 1/3 Must use

Description: Release number within the current message version number.

<u>Code</u>	<u>Name</u>
96B	Release 1996 - B

0057 **Association assigned code** C an 1/6 Used

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.				
UNG080	0058	Application password	C	an	1/14	Used
		Description: Password to the recipient's division, department or sectional system.				

Sample:

UNG+IFTMIN+YOUR_ID:ZZ+CARGOSMART:01+070601:1457+9+UN+D:96B'

UNH MESSAGE HEADER

Pos: 0010	Max: 1
Mandatory	
Group: N/A	Elements: 4

User Option (Usage): Must use

Purpose: To head, identify and specify a message.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNH010	0062	Message reference number	M	an	1/14	Must use
		Description: Unique message reference assigned by the sender.				
UNH020	S009	MESSAGE IDENTIFIER	M	Comp		Must use
		Description: Identification of the type, version etc. of the message being interchanged.				
	0065	Message type identifier	M	an	1/6	Must use
		Description: Code identifying a type of message and assigned by its controlling agency.				
		Code	Name			
		IFTMIN	Instruction message			
	0052	Message type version number	M	an	1/3	Must use
		Description: Version number of a message type.				
		Code	Name			
		D	Draft version			
	0054	Message type release number	M	an	1/3	Must use
		Description: Release number within the current message type version number (0052).				
		Code	Name			
		96B	Release 1996 - B			
	0051	Controlling agency	M	an	1/2	Must use
		Description: Code identifying the agency controlling the specification, maintenance and publication of the message type.				
		Code	Name			
		UN	UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)			
*	0057	Association assigned code	C	an	1/6	Not used
		Description: Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.				
* UNH030	0068	Common access reference	C	an	1/35	Not used
		Description: Reference serving as a key to relate all subsequent transfers of data to the same business case or file.				
* UNH040	S010	STATUS OF THE TRANSFER	C	Comp		Not used
		Description: Statement that the message is one in a sequence of transfers relating to the same topic.				
*	0070	Sequence message transfer number	M	n	1/2	Not used
		Description: Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.				

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
*	0073	First/last sequence message transfer indication	C	a	1/1	Not used

Description: Indication used for the first and last message in a sequence of the same type of message relating to the same topic.

Sample:

UNH+123456789012+IFTMIN:D:96B:UN'

BGM BEGINNING OF MESSAGE

Pos: 0020	Max: 1
Mandatory	
Group: N/A	Elements: 4

User Option (Usage): Must use

Purpose: To indicate the type and function of a message and to transmit the identifying number.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BGM010	C002	DOCUMENT/MESSAGE NAME	C	Comp		Must use
		Description: Identification of a type of document/message by code or name. Code preferred.				
	1001	Document/message name, coded	C	an	1/3	Must use
		Description: Document/message identifier expressed in code.				
		Code Name				
		340 Shipping instructions				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
*	1000	Document/message name	C	an	1/35	Not used
		Description: Plain language identifier specifying the function of a document/message.				
BGM020	C106	DOCUMENT/MESSAGE IDENTIFICATION	C	Comp		Must use
		Description: Identification of a document/message by its number and eventually its version or revision.				
	1004	Document/message number	C	an	1/35	Must use
		Description: Reference number assigned to the document/message by the issuer.				
*	1056	Version	C	an	1/9	Not used
		Description: To specify the version number or name of an object.				
*	1060	Revision number	C	an	1/6	Not used
		Description: To specify a revision number.				
BGM030	1225	Message function, coded	C	an	1/3	Must use
		Description: Code indicating the function of the message.				
		Code Name				
		5 Amendment				
		9 Original				
* BGM040	4343	Response type, coded	C	an	1/3	Not used
		Description: Code specifying the type of acknowledgment required or transmitted.				

Sample:

BGM+340+999999999+9'

DTM DATE/TIME/PERIOD

Pos: 0050	Max: 9
Conditional	
Group: N/A	Elements: 1

User Option (Usage): Must use

Purpose: To specify date, and/or time, or period.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	DATE/TIME/PERIOD	M	Comp		Must use

Description: Date and/or time, or period relevant to the specified date/time/period type.

2005	Date/time/period qualifier	M	an	1/3	Must use
------	-----------------------------------	---	----	-----	----------

Description: Code giving specific meaning to a date, time or period.

Code Name

137 Document/message date/time

2380	Date/time/period	C	an	1/35	Must use
------	-------------------------	---	----	------	----------

Description: The value of a date, a date and time, a time or of a period in a specified representation.

2379	Date/time/period format qualifier	C	an	1/3	Must use
------	--	---	----	-----	----------

Description: Specification of the representation of a date, a date and time or of a period.

Code Name

102 CCYYMMDD

204 CCYYMMDDHHMMSS

Sample:

DTM+182:20071010160334:204'

TSR TRANSPORT SERVICE REQUIREMENTS

Pos: 0060	Max: 9
Conditional	
Group: N/A	Elements: 4

User Option (Usage): Must use

Purpose: To specify the contract and carriage conditions and service and priority requirements for the transport.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TSR010	C536	CONTRACT AND CARRIAGE CONDITION	C	Comp		Must use
		Description: To identify a contract and carriage condition.				
	4065	Contract and carriage condition, coded	M	an	1/3	Must use
		Description: Code to identify the conditions of contract and carriage.				
		Code Name				
		27 Door-to-door				
		28 Door-to-pier				
		29 Pier-to-door				
		30 Pier-to-pier				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
TSR020	C233	SERVICE	C	Comp		Must use
		Description: To identify a service (which may constitute an additional component to a basic contract).				
	7273	Service requirement, coded	M	an	1/3	Must use
		Description: Identification of a service requirement (which may constitute an additional component to a basic contract).				
		Code Name				
		2 FCL/FCL				
		3 LCL/LCL				
		23 FCL/LCL				
		32 LCL/FCL				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
*	7273	Service requirement, coded	C	an	1/3	Not used
		Description: Identification of a service requirement (which may constitute an additional component to a basic contract).				
*	1131	Code list qualifier	C	an	1/3	Not used

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
* TSR030	C537	TRANSPORT PRIORITY	C	Comp		Not used
		Description: To indicate the priority of requested transport service.				
*	4219	Transport priority, coded	M	an	1/3	Not used
		Description: Coded priority of requested transport service.				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
* TSR040	C703	NATURE OF CARGO	C	Comp		Not used
		Description: Rough classification of a type of cargo.				
*	7085	Nature of cargo, coded	M	an	1/3	Not used
		Description: Code indicating the type of cargo as a rough classification.				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				

CS Note:

Must loop once only.

Sample:

TSR+28+2'

FTX FREE TEXT

Pos: 0090	Max: 99
Conditional	
Group: N/A	Elements: 5

User Option (Usage): Used

Purpose: To provide free form or coded text information.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FTX010	4451	Text subject qualifier	M	an	1/3	Must use
		Description: Code specifying subject of a free text.				
		Code Name				
		AAS	SI remarks			
		BLC	Bill of lading clause			
		SIN	Special instructions			
* FTX020	4453	Text function, coded	C	an	1/3	Not used
		Description: Code specifying how to handle the text.				
* FTX030	C107	TEXT REFERENCE	C	Comp		Not used
		Description: Coded reference to a standard text and its source.				
*	4441	Free text identification	M	an	1/17	Not used
		Description: Free text in coded form.				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
FTX040	C108	TEXT LITERAL	C	Comp		Used
		Description: Free text; one to five lines.				
	4440	Free text	M	an	1/70	Must use
		Description: Free text field available to the message sender for information.				
	4440	Free text	C	an	1/70	Used
		Description: Free text field available to the message sender for information.				
	4440	Free text	C	an	1/70	Used
		Description: Free text field available to the message sender for information.				
	4440	Free text	C	an	1/70	Used
		Description: Free text field available to the message sender for information.				
	4440	Free text	C	an	1/70	Used
		Description: Free text field available to the message sender for information.				
* FTX050	3453	Language, coded	C	an	1/3	Not used
		Description: Code of language (ISO 639-1988).				

Sample:

FTX+AAS+++SI REMARKS'

DOC DOCUMENT/MESSAGE DETAILS

Pos: 0110	Max: 9
Conditional	
Group: N/A	Elements: 5

User Option (Usage): Used

Purpose: To identify documents, either printed, electronically transferred, or referenced as specified in message description, including, where relevant, the identification of the type of transaction that will result from this message.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DOC010	C002	DOCUMENT/MESSAGE NAME	M	Comp		Must use
		Description: Identification of a type of document/message by code or name. Code preferred.				
	1001	Document/message name, coded	C	an	1/3	Must use
		Description: Document/message identifier expressed in code.				
		CS Note: CS will use DOC010_1001 to determine BL Type.				
		Code Name				
		705 Bill of lading original				
		707 Bill of lading copy				
		710 Sea waybill				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
*	1000	Document/message name	C	an	1/35	Not used
		Description: Plain language identifier specifying the function of a document/message.				
* DOC020	C503	DOCUMENT/MESSAGE DETAILS	C	Comp		Not used
		Description: Identification of document/message by number, status, source and/or language.				
*	1004	Document/message number	C	an	1/35	Not used
		Description: Reference number assigned to the document/message by the issuer.				
*	1373	Document/message status, coded	C	an	1/3	Not used
		Description: To identify the status of a document/message.				
*	1366	Document/message source	C	an	1/35	Not used
		Description: Indication of the source from which the printed information is to be or has been obtained.				
*	3453	Language, coded	C	an	1/3	Not used
		Description: Code of language (ISO 639-1988).				
DOC030	3153	Communication channel identifier, coded	C	an	1/3	Used
		Description: Code identifying the type of communication channel being used.				

<u>Code</u>	<u>Name</u>
CS	CargoSmart Online BL
EI	EDI transmission
EM	Electronic mail
FX	Telefax
MA	Mail (Printed Copy)
ZZ	Others

DOC040	1220	Number of copies of document required	C	n	1/2	Must use
Description: Number of originals or copies of a document stipulated or referred to as being required.						
* DOC050	1218	Number of originals of document required	C	n	1/2	Not used
Description: Specification of the number of originals of a stipulated document that are required.						

Sample:

DOC+710++MA+2'

Segment Group 1

Pos: 0120	Repeat: 99
Conditional	
Group: 1	Elements: N/A

User Option (Usage): Used

Purpose:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0130	LOC	PLACE/LOCATION IDENTIFICATION	M	1	Must use

LOC PLACE/LOCATION IDENTIFICATION

Pos: 0130	Max: 1
Mandatory	
Group: 1	Elements: 5

User Option (Usage): Must use

Purpose: To identify a country/place/location/related location one/related location two.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LOC010	3227	Place/location qualifier	M	an	1/3	Must use
		Description: Code identifying the function of a location.				
		Code Name				
		73				Bill of lading release office
		106				Point of origin
LOC020	C517	LOCATION IDENTIFICATION	C	Comp		Must use
		Description: Identification of a location by code or name.				
		CS Note:				
		<i>Either 3225 location code or 3224 location name must be provided.</i>				
	3225	Place/location identification	C	an	1/25	Used
		Description: Identification of the name of place/location, other than 3164 City name.				
	1131	Code list qualifier	C	an	1/3	Used
		Description: Identification of a code list.				
		Code Name				
		139				Port
		145				Airport/city
	3055	Code list responsible agency, coded	C	an	1/3	Used
		Description: Code identifying the agency responsible for a code list.				
		Code Name				
		6				UN/ECE (United Nations - Economic Commission for Europe)
	3224	Place/location	C	an	1/70	Used
		Description: Name of place/location, other than 3164 City name.				
* LOC030	C519	RELATED LOCATION ONE IDENTIFICATION	C	Comp		Not used
		Description: Identification the first related location by code or name.				
*	3223	Related place/location one identification	C	an	1/25	Not used
		Description: Specification of the first related place/location by code.				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
*	3222	Related place/location one	C	an	1/70	Not used

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Specification of the first related place/location by name.				
* LOC040	C553	RELATED LOCATION TWO IDENTIFICATION	C	Comp		Not used
		Description: Identification of second related location by code or name.				
*	3233	Related place/location two identification	C	an	1/25	Not used
		Description: Specification of a second related place/location by code.				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
*	3232	Related place/location two	C	an	1/70	Not used
		Description: Specification of a second related place/location by name.				
* LOC050	5479	Relation, coded	C	an	1/3	Not used
		Description: To specify the relationship between two or more items.				

Sample:

LOC+106+SHEKOU:145::SHEKOU'

Segment Group 3

Pos: 0180	Repeat: 999
Conditional	
Group: 3	Elements: N/A

User Option (Usage): Must use

Purpose:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0190	RFF	REFERENCE	M	1	Must use

RFF REFERENCE

Pos: 0190	Max: 1
Mandatory	
Group: 3	Elements: 1

User Option (Usage): Must use

Purpose: To specify a reference.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RFF010	C506	REFERENCE	M	Comp		Must use

Description: Identification of a reference.

1153		Reference qualifier	M	an	1/3	Must use
------	--	----------------------------	---	----	-----	----------

Description: Code giving specific meaning to a reference segment or a reference number.

Code Name

05	Quotation Number
51	Carrier Rate Reference Number
52	Standard Tariff Number
BM	Bill of Lading Number
BN	Booking Number
Usage:	
<i>Must use</i>	
CS	CargoSmart Customer ID
CT	Service Contract Number
FM	FMC Number
FW	Forwarder's Reference Number
IV	Invoice Number
PO	Purchase Order Number
SI	Shipper's Identifying Number For Shipment (SID)
SO	Shipper's Order Number
TS	Standard Tariff
ZZ	Mutually Defined
CSI	Customer's SI Number
FCN	First Carrier B/L Number
SRN	Shipper's Reference Number

1154		Reference number	C	an	1/35	Must use
------	--	-------------------------	---	----	------	----------

Description: Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.

*	1156	Line number	C	an	1/6	Not used
---	------	--------------------	---	----	-----	----------

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

*	4000	Reference version number	C	an	1/35	Not used
---	------	---------------------------------	---	----	------	----------

Description: To uniquely identify a reference by its revision number.

Sample:

RFF+BN:123456789'

RFF+SI:999999999'

Segment Group 6

Pos: 0300	Repeat: 9
Conditional	
Group: 6	Elements: N/A

User Option (Usage): Used

Purpose:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0310	CPI	CHARGE PAYMENT INSTRUCTIONS	M	1	Must use

CPI CHARGE PAYMENT INSTRUCTIONS

Pos: 0310	Max: 1
Mandatory	
Group: 6	Elements: 3

User Option (Usage): Must use

Purpose: To identify a charge.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CPI010	C229	CHARGE CATEGORY	C	Comp		Must use
		Description: Identification of a category or a zone of charges.				
	5237	Charge category, coded	M	an	1/3	Must use
		Description: To indicate the category or zone of charges.				
		Code Name				
		4 Basic freight				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
* CPI020	C231	METHOD OF PAYMENT	C	Comp		Not used
		Description: Code identifying the method of payment.				
*	4215	Transport charges method of payment, coded	M	an	1/3	Not used
		Description: Identification of method of payment for transport charges.				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
CPI030	4237	Prepaid/collect indicator, coded	C	an	1/3	Must use
		Description: Code indicating whether freight item amount is prepaid or to be collected.				
		Code Name				
		C Collect				
		P Prepaid				

Sample:

CPI+4++P'

Segment Group 8

Pos: 0460	Repeat: 99
Conditional	
Group: 8	Elements: N/A

User Option (Usage): Must use

Purpose:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0470	TDT	DETAILS OF TRANSPORT	M	1	Must use
0500		Segment Group 9	C	99	Must use

TDT DETAILS OF TRANSPORT

Pos: 0470	Max: 1
Mandatory	
Group: 8	Elements: 9

User Option (Usage): Must use

Purpose: To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport. The segment may be pointed to by the TPL segment.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TDT010	8051	Transport stage qualifier	M	an	1/3	Must use
		Description: Qualifier giving a specific meaning to the transport details.				
		Code Name				
		20				First main carriage
TDT020	8028	Conveyance reference number	C	an	1/17	Must use
		Description: Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term).				
TDT030	C220	MODE OF TRANSPORT	C	Comp		Must use
		Description: Method of transport code or name. Code preferred.				
	8067	Mode of transport, coded	C	an	1/3	Must use
		Description: Coded method of transport used for the carriage of the goods.				
		Code Name				
		1				Ocean
*	8066	Mode of transport	C	an	1/17	Not used
		Description: Method of transport used for the carriage of the goods.				
* TDT040	C228	TRANSPORT MEANS	C	Comp		Not used
		Description: Code and/or name identifying the type of means of transport.				
*	8179	Type of means of transport identification	C	an	1/8	Not used
		Description: Code defining the type of the means of transport being utilized.				
*	8178	Type of means of transport	C	an	1/17	Not used
		Description: Description of the type of the means of transport being utilized.				
TDT050	C040	CARRIER	C	Comp		Used
		Description: Identification of a carrier by code and/or by name. Code preferred.				
	3127	Carrier identification	C	an	1/17	Used
		Description: Identification of party undertaking or arranging transport of goods between named points.				
	1131	Code list qualifier	C	an	1/3	Used
		Description: Identification of a code list.				
		Code Name				
		172				Carrier code

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
	3055	Code list responsible agency, coded	C	an	1/3	Used
		Description: Code identifying the agency responsible for a code list.				
		Code Name				
		182 US, Standard Carrier Alpha Code (Motor)				
	3128	Carrier name	C	an	1/35	Used
		Description: Name of party undertaking or arranging transport of goods between named points.				
* TDT060	8101	Transit direction, coded	C	an	1/3	Not used
		Description: Identification of the point of origin and point of direction.				
* TDT070	C401	EXCESS TRANSPORTATION INFORMATION	C	Comp		Not used
		Description: To provide details of reason for, and responsibility for, use of transportation other than normally utilized.				
*	8457	Excess transportation reason, coded	M	an	1/3	Not used
		Description: Indication of reason for excess transportation.				
*	8459	Excess transportation responsibility, coded	M	an	1/3	Not used
		Description: Indication of responsibility for excess transportation.				
*	7130	Customer authorization number	C	an	1/17	Not used
		Description: 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.				
TDT080	C222	TRANSPORT IDENTIFICATION	C	Comp		Used
		Description: Code and/or name identifying the means of transport.				
	8213	Id. of means of transport identification	C	an	1/9	Used
		Description: Identification of the means of transport by name or number.				
	1131	Code list qualifier	C	an	1/3	Used
		Description: Identification of a code list.				
		Code Name				
		L Lloyd's Number				
		103 Call sign directory				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
	8212	Id. of the means of transport	C	an	1/35	Used
		Description: Identification of the means of transport by name or number.				
*	8453	Nationality of means of transport, coded	C	an	1/3	Not used
		Description: Coded name of the country in which a means of transport is registered.				
* TDT090	8281	Transport ownership, coded	C	an	1/3	Not used
		Description: Code indicating the ownership of the means of transport.				

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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Sample:

TDT+20+030EAST+1++COSU:172:182:Cosco+++::COSCO VANCOUVER'

Segment Group 9

Pos: 0500	Repeat: 99
Conditional	
Group: 9	Elements: N/A

User Option (Usage): Must use

Purpose:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0510	LOC	PLACE/LOCATION IDENTIFICATION	M	1	Must use

LOC PLACE/LOCATION IDENTIFICATION

Pos: 0510	Max: 1
Mandatory	
Group: 9	Elements: 5

User Option (Usage): Must use

Purpose: To identify a country/place/location/related location one/related location two.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LOC010	3227	Place/location qualifier	M	an	1/3	Must use
Description: Code identifying the function of a location.						
Code Name						
7 Place of delivery						
9 Place/port of loading						
11 Place/port of discharge						
88 Place of receipt						
LOC020	C517	LOCATION IDENTIFICATION	C	Comp		Must use
Description: Identification of a location by code or name.						
CS Note:						
<i>Either 3225 location code or 3224 location name must be provided.</i>						
3225		Place/location identification	C	an	1/25	Used
Description: Identification of the name of place/location, other than 3164 City name.						
1131		Code list qualifier	C	an	1/3	Used
Description: Identification of a code list.						
Code Name						
139 Port						
229 Inland location						
3055		Code list responsible agency, coded	C	an	1/3	Used
Description: Code identifying the agency responsible for a code list.						
Code Name						
6 UN/ECE (United Nations - Economic Commission for Europe)						
112 US, U.S. Census Bureau						
3224		Place/location	C	an	1/70	Used
Description: Name of place/location, other than 3164 City name.						
LOC030	C519	RELATED LOCATION ONE IDENTIFICATION	C	Comp		Used
Description: Identification the first related location by code or name.						
3223		Related place/location one identification	C	an	1/25	Used
Description: Specification of the first related place/location by code.						
1131		Code list qualifier	C	an	1/3	Used
Description: Identification of a code list.						

		<u>Code</u> <u>Name</u>				
		145 Airport/city				
3055		Code list responsible agency, coded	C	an	1/3	Used
		Description: Code identifying the agency responsible for a code list.				
		<u>Code</u> <u>Name</u>				
		5 ISO (International Organization for Standardization)				
		6 UN/ECE (United Nations - Economic Commission for Europe)				
3222		Related place/location one	C	an	1/70	Used
		Description: Specification of the first related place/location by name.				
LOC040	C553	RELATED LOCATION TWO IDENTIFICATION	C	Comp		Used
		Description: Identification of second related location by code or name.				
3233		Related place/location two identification	C	an	1/25	Used
		Description: Specification of a second related place/location by code.				
1131		Code list qualifier	C	an	1/3	Used
		Description: Identification of a code list.				
		<u>Code</u> <u>Name</u>				
		162 Country				
3055		Code list responsible agency, coded	C	an	1/3	Used
		Description: Code identifying the agency responsible for a code list.				
		<u>Code</u> <u>Name</u>				
		5 ISO (International Organization for Standardization)				
3232		Related place/location two	C	an	1/70	Used
		Description: Specification of a second related place/location by name.				
* LOC050	5479	Relation, coded	C	an	1/3	Not used
		Description: To specify the relationship between two or more items.				

Sample:

LOC+88+CNSHK:139:6:SHEKOU+CNSZX:145:6+CN:162:5'

Segment Group 11

Pos: 0560	Repeat: 99
Mandatory	
Group: 11	Elements: N/A

User Option (Usage): Must use

Purpose:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0570	NAD	NAME AND ADDRESS	M	1	Must use
0600		Segment Group 12	C	9	Used
0730		Segment Group 15	O	9	Used

NAD NAME AND ADDRESS

Pos: 0570	Max: 1
Mandatory	
Group: 11	Elements: 9

User Option (Usage): Must use

Purpose: To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NAD010	3035	Party qualifier	M	an	1/3	Must use
		Description: Code giving specific meaning to a party.				
		Code Name				
		CA		Carrier		
		CN		Consignee		
		CZ		Shipper		
		FW		Forwarder		
		N1		Notify party 1		
		N2		Notify party 2		
		N3		Notify party 3		
		SI		SI Party (SI submitter)		
NAD020	C082	PARTY IDENTIFICATION DETAILS	C	Comp		Used
		Description: Identification of a transaction party by code.				
		CS Note:				
		<i>This element is carrier SCAC code when NAD010 = CA.</i>				
		<i>For other qualifiers, this element is carrier customer code; which must have no more than 10 chars.</i>				
	3039	Party id. identification	M	an	1/35	Must use
		Description: Code identifying a party involved in a transaction.				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
* NAD030	C058	NAME AND ADDRESS	C	Comp		Not used
		Description: Unstructured name and address: one to five lines.				
*	3124	Name and address line	M	an	1/35	Not used
		Description: Free form name and address description.				
*	3124	Name and address line	C	an	1/35	Not used
		Description: Free form name and address description.				
*	3124	Name and address line	C	an	1/35	Not used
		Description: Free form name and address description.				
*	3124	Name and address line	C	an	1/35	Not used
		Description: Free form name and address description.				

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
*	3124	Name and address line	C	an	1/35	Not used
		Description: Free form name and address description.				
NAD040	C080	PARTY NAME	C	Comp		Used
		Description: Identification of a transaction party by name, one to five lines. Party name may be formatted.				
		CS Note:				
		<i>Must use if NAD010 is not CA;</i>				
		<i>If consignee is to order, 'TO ORDER' must be filled in the first NAD040_3036.</i>				
	3036	Party name	M	an	1/35	Must use
		Description: Name of a party involved in a transaction.				
	3036	Party name	C	an	1/35	Used
		Description: Name of a party involved in a transaction.				
*	3036	Party name	C	an	1/35	Not used
		Description: Name of a party involved in a transaction.				
*	3036	Party name	C	an	1/35	Not used
		Description: Name of a party involved in a transaction.				
*	3036	Party name	C	an	1/35	Not used
		Description: Name of a party involved in a transaction.				
*	3045	Party name format, coded	C	an	1/3	Not used
		Description: Specification of the representation of a party name.				
NAD050	C059	STREET	C	Comp		Used
		Description: Street address and/or PO Box number in a structured address: one to three lines.				
	3042	Street and number/p.o. box	M	an	1/35	Must use
		Description: Street and number in plain language, or Post Office Box No.				
	3042	Street and number/p.o. box	C	an	1/35	Used
		Description: Street and number in plain language, or Post Office Box No.				
	3042	Street and number/p.o. box	C	an	1/35	Used
		Description: Street and number in plain language, or Post Office Box No.				
*	3042	Street and number/p.o. box	C	an	1/35	Not used
		Description: Street and number in plain language, or Post Office Box No.				
NAD060	3164	City name	C	an	1/35	Used
		Description: Name of a city (a town, a village) for addressing purposes.				
NAD070	3229	Country sub-entity identification	C	an	1/9	Used
		Description: Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.				
NAD080	3251	Postcode identification	C	an	1/9	Used
		Description: Code defining postal zones or addresses.				

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NAD090	3207	Country, coded	C	an	1/3	Used

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

Sample:

NAD+CA+COSU'

NAD+FW+FWD001++COMPANY NAME:Limited+ABC Road+SHEKOU++99999+CN'

NAD+CZ+CZ9999++SHIPPER COMPANY:Limited+STREET 1:STREET 2+SHEKOU++88888+CN'

NAD+CN+1234567++CONSIGNEE COMPANY NAME:Inc+STREET 1:STREET 2+SINGAPORE+++SG'

NAD+N1+++NOTIFY PARTY NAME:Ltd.+ROAD NAME+Singapore+++SG'

Segment Group 12

Pos: 0600	Repeat: 9
Conditional	
Group: 12	Elements: N/A

User Option (Usage): Used

Purpose:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0610	CTA	CONTACT INFORMATION	M	1	Must use
0620	COM	COMMUNICATION CONTACT	C	9	Used

CTA CONTACT INFORMATION

Pos: 0610	Max: 1
Mandatory	
Group: 12	Elements: 2

User Option (Usage): Must use

Purpose: To identify a person or a department to whom communication should be directed.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTA010	3139	Contact function, coded	C	an	1/3	Must use
Description: Code specifying the function of a contact (e.g. department or person).						
Code Name						
CA Carrier						
CN Consignee						
CZ Shipper						
FW Forwarder						
N1 Notify party 1						
N2 Notify party 2						
N3 Notify party 3						
SI SI party (SI submitter)						
CTA020	C056	DEPARTMENT OR EMPLOYEE DETAILS	C	Comp		Must use
Description: Code and/or name of a department or employee. Code preferred.						
*	3413	Department or employee identification	C	an	1/17	Not used
Description: Internal identification code.						
	3412	Department or employee	C	an	1/35	Must use
Description: The department or person within an organizational entity.						

CS Note:

Each party should have no more than one contact person.

Sample:

CTA+IC+:First Name, Last Name'

COM COMMUNICATION CONTACT

Pos: 0620 Max: 9
Conditional
Group: 12 Elements: 1

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
COM010	C076	COMMUNICATION CONTACT	M	Comp		Must use
		Description: Communication number of a department or employee in a specified channel.				
	3148	Communication number	M	an	1/512	Must use
		Description: The communication number.				
	3155	Communication channel qualifier	M	an	1/3	Must use
		Description: Code identifying the type of communication channel being used.				
		Code Name				
		EM Electronic mail				
		FX Telefax				
		TE Telephone				

CS Note:

Each party should have no more than one contact phone number.

Sample:

COM+86-756-123456789:TE'

Segment Group 15

Pos: 0730	Repeat: 9
Optional	
Group: 15	Elements: N/A

User Option (Usage): Used

Purpose:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0740	RFF	REFERENCE	O	1	Used

RFF REFERENCE

Pos: 0740	Max: 1
Optional	
Group: 15	Elements: 1

User Option (Usage): Used

Purpose: To specify a reference.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RFF010	C506	REFERENCE	M	Comp		Must use

Description: Identification of a reference.

1153		Reference qualifier	M	an	1/3	Must use
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Description: Code giving specific meaning to a reference segment or a reference number.

Code Name

ADZ Trader account number

1154		Reference number	C	an	1/35	Used
------	--	------------------	---	----	------	------

Description: Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.

1156		Line number	C	an	1/6	Used
------	--	-------------	---	----	-----	------

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

4000		Reference version number	C	an	1/35	Used
------	--	--------------------------	---	----	------	------

Description: To uniquely identify a reference by its revision number.

Segment Group 18

Pos: 0880	Repeat: 999
Conditional	
Group: 18	Elements: N/A

User Option (Usage): Must use

Purpose:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0890	GID	GOODS ITEM DETAILS	M	1	Must use
0960	PIA	ADDITIONAL PRODUCT ID	C	9	Used
0970	FTX	FREE TEXT	C	99	Must use
1010	GDS	NATURE OF CARGO	C	9	Must use
1020		Segment Group 20	C	99	Used
1050		Segment Group 21	C	99	Used
1080		Segment Group 22	C	9	Used
1110		Segment Group 23	C	999	Used
1330		Segment Group 29	C	999	Used
1470		Segment Group 32	C	9	Used

GID GOODS ITEM DETAILS

Pos: 0890	Max: 1
Mandatory	
Group: 18	Elements: 4

User Option (Usage): Must use

Purpose: To indicate totals of a goods item.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GID010	1496	Goods item number	C	n	1/5	Used
Description: Serial number differentiating each separate goods item entry of a consignment as contained in one document/declaration.						
GID020	C213	NUMBER AND TYPE OF PACKAGES	C	Comp		Must use
Description: Number and type of individual parts of a shipment.						
	7224	Number of packages	C	n	1/8	Must use
Description: Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.						
	7065	Type of packages identification	C	an	1/17	Must use
Description: Coded description of the form in which goods are presented.						

Code Name

BAG Bag
 BAL Bale
 BBL Barrel
 BDL Bundle
 BIC Bing chest
 BIN Bin
 BKG Bulk bag
 BOB Bobbin
 BOT Bottle
 BOX Box
 BSK Basket
 BXT Bucket
 CAN Can
 CAS Case
 CBC Container bulk cargo
 CBY Carboy
 CCS Can case
 CHS Chest
 CNA Household goods container
 CNT Container
 COL Coil
 CON Cones
 CRD Cradle
 CRT Crate
 CSK Cask
 CTN Carton
 CUB Cube
 CYL Cylinder
 DBK Dry bulk

Code	Name
DRM	Drum
DUF	Duffle bag
FIR	Firkin
FLX	Liner bag liquid
FRM	Frame
FSK	Flask
GOH	Garments on hangers
HED	Head of beef
HGH	Hogshead
HPR	Hamper
JAR	Jar
JUG	Jug
KEG	Keg
KEG	Keg
LBK	Liquid bulk
LOG	Log
LOG	Log
LSE	Loose
LSE	Loose
LUG	Lugs
LUG	Lugs
LVN	Lift van
MXD	Mixed type pack
NOL	Noil
OVW	Overwrap
PAL	Pail
PCS	Piece
PIR	Pims
PKG	Package
PLF	Platform
PLT	Pallet
POV	Private vehicle
PRK	Pipe rack
PRK	Pipe rack
QTR	Quarter of beef
QTR	Quarter of beef
RCK	Rack
RCK	Rack
REL	Reel
REL	Reel
ROL	Roll
RVR	Reverse reel
SAK	Sack
SBC	Liner bag dry
SCS	Suitcase
SHT	Sheet
SID	Side of beef
SKD	Skid
SLP	Slip sheet
SLV	Sleeve
SPI	Spool

Code	Name
TBE	Tube
TBN	Tote bin
TNK	Tank
TRC	Tierce
TRI	Triwell box
TRK	Trunk
TRY	Tray
TTC	Tote can
TUB	Tub
UNP	Unpacked
UNT	Unit
VEH	Vehicle
VPK	Van pack
WHE	On own wheel
WLC	Wheeled carrier
WRP	Wrapped

*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
*	7064	Type of packages	C	an	1/35	Not used
		Description: Description of the form in which goods are presented.				
*	GID030	C213	NUMBER AND TYPE OF PACKAGES	C	Comp	Not used
		Description: Number and type of individual parts of a shipment.				
*	7224	Number of packages	C	n	1/8	Not used
		Description: Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.				
*	7065	Type of packages identification	C	an	1/17	Not used
		Description: Coded description of the form in which goods are presented.				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
*	7064	Type of packages	C	an	1/35	Not used
		Description: Description of the form in which goods are presented.				
*	GID040	C213	NUMBER AND TYPE OF PACKAGES	C	Comp	Not used
		Description: Number and type of individual parts of a shipment.				
*	7224	Number of packages	C	n	1/8	Not used
		Description: Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.				
*	7065	Type of packages identification	C	an	1/17	Not used

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Coded description of the form in which goods are presented.				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
*	7064	Type of packages	C	an	1/35	Not used
		Description: Description of the form in which goods are presented.				

CS Note:

*If package type is not available, PKG must be used as default package type code.
For DG cargo, please provide emergency contact numbers in FTX.*

Sample:

GID+1+3588:PLT'

PIA ADDITIONAL PRODUCT ID

Pos: 0960	Max: 9
Conditional	
Group: 18	Elements: 6

User Option (Usage): Used

Purpose: To specify additional or substitutional item identification codes.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PIA010	4347	Product id. function qualifier	M	an	1/3	Must use
		Description: Indication of the function of the product code.				
		Code Name				
		5 Product identification				
PIA020	C212	ITEM NUMBER IDENTIFICATION	M	Comp		Must use
		Description: Goods identification for a specified source.				
	7140	Item number	C	an	1/35	Used
		Description: A number allocated to a group or item.				
	7143	Item number type, coded	C	an	1/3	Used
		Description: Identification of the type of item number.				
		Code Name				
		CG Commodity grouping				
		HS Harmonised system				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
* PIA030	C212	ITEM NUMBER IDENTIFICATION	C	Comp		Not used
		Description: Goods identification for a specified source.				
*	7140	Item number	C	an	1/35	Not used
		Description: A number allocated to a group or item.				
*	7143	Item number type, coded	C	an	1/3	Not used
		Description: Identification of the type of item number.				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
* PIA040	C212	ITEM NUMBER IDENTIFICATION	C	Comp		Not used
		Description: Goods identification for a specified source.				
*	7140	Item number	C	an	1/35	Not used
		Description: A number allocated to a group or item.				

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
*	7143	Item number type, coded	C	an	1/3	Not used
		Description: Identification of the type of item number.				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
* PIA050	C212	ITEM NUMBER IDENTIFICATION	C	Comp		Not used
		Description: Goods identification for a specified source.				
*	7140	Item number	C	an	1/35	Not used
		Description: A number allocated to a group or item.				
*	7143	Item number type, coded	C	an	1/3	Not used
		Description: Identification of the type of item number.				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
* PIA060	C212	ITEM NUMBER IDENTIFICATION	C	Comp		Not used
		Description: Goods identification for a specified source.				
*	7140	Item number	C	an	1/35	Not used
		Description: A number allocated to a group or item.				
*	7143	Item number type, coded	C	an	1/3	Not used
		Description: Identification of the type of item number.				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				

Sample:

PIA+5+123456:HS'

FTX FREE TEXT

Pos: 0970	Max: 99
Conditional	
Group: 18	Elements: 5

User Option (Usage): Must use

Purpose: To provide free form or coded text information.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FTX010	4451	Text subject qualifier	M	an	1/3	Must use
		Description: Code specifying subject of a free text.				
		Code Name				
		AAA Goods description				
* FTX020	4453	Text function, coded	C	an	1/3	Not used
		Description: Code specifying how to handle the text.				
* FTX030	C107	TEXT REFERENCE	C	Comp		Not used
		Description: Coded reference to a standard text and its source.				
*	4441	Free text identification	M	an	1/17	Not used
		Description: Free text in coded form.				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
FTX040	C108	TEXT LITERAL	C	Comp		Must use
		Description: Free text; one to five lines.				
	4440	Free text	M	an	1/70	Must use
		Description: Free text field available to the message sender for information.				
	4440	Free text	C	an	1/70	Used
		Description: Free text field available to the message sender for information.				
	4440	Free text	C	an	1/70	Used
		Description: Free text field available to the message sender for information.				
	4440	Free text	C	an	1/70	Used
		Description: Free text field available to the message sender for information.				
* FTX050	3453	Language, coded	C	an	1/3	Not used
		Description: Code of language (ISO 639-1988).				

CS Note:

Cargo description must be no more than 1000 chars.

Sample:

FTX+AAA+++DOG FOOD'

GDS NATURE OF CARGO

Pos: 1010	Max: 9
Conditional	
Group: 18	Elements: 1

User Option (Usage): Must use

Purpose: To indicate the type of cargo as a general classification.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GDS010	C703	NATURE OF CARGO	C	Comp		Must use
		Description: Rough classification of a type of cargo.				
	7085	Nature of cargo, coded	M	an	1/3	Must use
		Description: Code indicating the type of cargo as a rough classification.				
		<u>Code</u> <u>Name</u>				
		10 Awkward cargo				
		11 Dangerous cargo				
		12 General cargo				
		14 Reefer cargo				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				

Sample:

GDS+12'

Segment Group 20

Pos: 1020	Repeat: 99
Conditional	
Group: 20	Elements: N/A

User Option (Usage): Used

Purpose:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1030	MEA	MEASUREMENTS	M	1	Must use

MEA MEASUREMENTS

Pos: 1030	Max: 1
Mandatory	
Group: 20	Elements: 4

User Option (Usage): Must use

Purpose: To specify physical measurements, including dimension tolerances, weights and counts.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MEA010	6311	Measurement application qualifier	M	an	1/3	Must use
		Description: Specification of the application of the physical measurement used.				
		Code Name				
		WT Weights				
		VOL Volume				
MEA020	C502	MEASUREMENT DETAILS	C	Comp		Used
		Description: Identification of measurement type.				
	6313	Measurement dimension, coded	C	an	1/3	Used
		Description: Specification of the type of dimension to be measured.				
		Code Name				
		G Gross weight				
		N Net weight				
		AAW Gross volume				
*	6321	Measurement significance, coded	C	an	1/3	Not used
		Description: Code specifying the significance of a measurement value.				
*	6155	Measurement attribute identification	C	an	1/17	Not used
		Description: Code used to specify non-discrete measurement values.				
*	6154	Measurement attribute	C	an	1/70	Not used
		Description: To specify non-discrete measurement values.				
MEA030	C174	VALUE/RANGE	C	Comp		Must use
		Description: Measurement value and relevant minimum and maximum tolerances in that order.				
	6411	Measure unit qualifier	M	an	1/3	Must use
		Description: Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.				
		Code Name				
		CBF Cubic foot				
		CBM Cubic meters				
		KGM Kilograms				
		LBS Pounds				
		TON Tons				
	6314	Measurement value	C	an	1/18	Must use
		Description: Value of the measured unit.				
*	6162	Range minimum	C	n	1/18	Not used

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Minimum of a range.				
*	6152	Range maximum	C	n	1/18	Not used
		Description: Maximum of a range.				
*	6432	Significant digits	C	n	1/2	Not used
		Description: To specify the number of significant digits.				
* MEA040	7383	Surface/layer indicator, coded	C	an	1/3	Not used
		Description: Code indicating the surface or layer of a product that is being described.				

Sample:

MEA+WT+G+KGM:6706.00'

MEA+VOL++CBM:99.96'

Segment Group 21

Pos: 1050	Repeat: 99
Conditional	
Group: 21	Elements: N/A

User Option (Usage): Used

Purpose:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1060	DIM	DIMENSIONS	M	1	Must use

DIM DIMENSIONS

Pos: 1060	Max: 1
Mandatory	
Group: 21	Elements: 2

User Option (Usage): Must use

Purpose: To specify dimensions.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DIM010	6145	Dimension qualifier	M	an	1/3	Must use
		Description: To specify the dimensions applicable to each of the transportable units.				
		Code	Name			
		9	Off-standard dimension general			
DIM020	C211	DIMENSIONS	M	Comp		Must use
		Description: Specification of the dimensions of a transportable unit.				
	6411	Measure unit qualifier	M	an	1/3	Must use
		Description: Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.				
		Code	Name			
		F	Foot			
		M	Meter			
	6168	Length dimension	C	n	1/15	Must use
		Description: Length of pieces or packages stated for transport purposes.				
	6140	Width dimension	C	n	1/15	Must use
		Description: Width of pieces or packages stated for transport purposes.				
	6008	Height dimension	C	n	1/15	Must use
		Description: Height of pieces or packages stated for transport purposes.				

Sample:

DIM+9+FT:20:4:5'

Segment Group 22

Pos: 1080	Repeat: 9
Conditional	
Group: 22	Elements: N/A

User Option (Usage): Used

Purpose:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1090	RFF	REFERENCE	M	1	Must use

RFF REFERENCE

Pos: 1090	Max: 1
Mandatory	
Group: 22	Elements: 1

User Option (Usage): Must use

Purpose: To specify a reference.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RFF010	C506	REFERENCE	M	Comp		Must use
		Description: Identification of a reference.				
	1153	Reference qualifier	M	an	1/3	Must use
		Description: Code giving specific meaning to a reference segment or a reference number.				
		Code	Name			
		EQ	Equipment number			
	1154	Reference number	C	an	1/35	Used
		Description: Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.				
*	1156	Line number	C	an	1/6	Not used
		Description: Number of the line in the document/message referenced in 1154 Reference number.				
*	4000	Reference version number	C	an	1/35	Not used
		Description: To uniquely identify a reference by its revision number.				

Sample:

RFF+EQ:CBHU6113330'

Segment Group 23

Pos: 1110	Repeat: 999
Conditional	
Group: 23	Elements: N/A

User Option (Usage): Used

Purpose:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1120	PCI	PACKAGE IDENTIFICATION	M	1	Must use

PCI PACKAGE IDENTIFICATION

Pos: 1120	Max: 1
Mandatory	
Group: 23	Elements: 4

User Option (Usage): Must use

Purpose: To specify markings and labels on individual packages or physical units.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
* PCI010	4233	Marking instructions, coded	C	an	1/3	Not used
		Description: Code indicating instructions on how specified packages or physical units should be marked.				
PCI020	C210	MARKS & LABELS	C	Comp		Must use
		Description: Shipping marks on packages in free text; one to ten lines.				
7102		Shipping marks	M	an	1/35	Must use
		Description: Marks and numbers identifying individual packages.				
7102		Shipping marks	C	an	1/35	Used
		Description: Marks and numbers identifying individual packages.				
7102		Shipping marks	C	an	1/35	Used
		Description: Marks and numbers identifying individual packages.				
7102		Shipping marks	C	an	1/35	Used
		Description: Marks and numbers identifying individual packages.				
7102		Shipping marks	C	an	1/35	Used
		Description: Marks and numbers identifying individual packages.				
7102		Shipping marks	C	an	1/35	Used
		Description: Marks and numbers identifying individual packages.				
7102		Shipping marks	C	an	1/35	Used
		Description: Marks and numbers identifying individual packages.				
7102		Shipping marks	C	an	1/35	Used
		Description: Marks and numbers identifying individual packages.				
* PCI030	8275	Container/package status, coded	C	an	1/3	Not used
		Description: Code to identify whether goods of separate description or comprising separate consignments are contained in the same external packaging or to indicate that a container or similar unit load device is empty.				
* PCI040	C827	TYPE OF MARKING	C	Comp		Not used
		Description: Specification of the type of marking that reflects the method that was used and the conventions adhered to for marking (e.g. of packages).				

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
*	7511	Type of marking, coded	M	an	1/3	Not used
		Description: To specify the type of marking that reflects the method and the conventions adhered to for marking.				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				

CS Note:

Marks & No must be no more than 240 chars per cargo item.

Sample:

PCI++ABCDE MARKS'

Segment Group 29

Pos: 1330	Repeat: 999
Conditional	
Group: 29	Elements: N/A

User Option (Usage): Used

Purpose:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1340	SGP	SPLIT GOODS PLACEMENT	M	1	Must use
1350		Segment Group 30	C	9	Used

SGP SPLIT GOODS PLACEMENT

Pos: 1340	Max: 1
Mandatory	
Group: 29	Elements: 2

User Option (Usage): Must use

Purpose: To specify the placement of goods in relation to equipment.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SGP010	C237	EQUIPMENT IDENTIFICATION	M	Comp		Must use
		Description: Marks (letters and/or numbers) identifying equipment used for transport such as a container.				
	8260	Equipment identification number	C	an	1/17	Must use
		Description: Marks (letters and/or numbers) which identify equipment e.g. unit load device.				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
*	3207	Country, coded	C	an	1/3	Not used
		Description: Identification of the name of a country or other geographical entity as specified in ISO 3166.				
SGP020	7224	Number of packages	C	n	1/8	Must use
		Description: 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.				

Sample:

SGP+CBHU6113310+1788'

Segment Group 30

Pos: 1350	Repeat: 9
Conditional	
Group: 30	Elements: N/A

User Option (Usage): Used

Purpose:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1360	MEA	MEASUREMENTS	M	1	Must use

MEA MEASUREMENTS

Pos: 1360	Max: 1
Mandatory	
Group: 30	Elements: 4

User Option (Usage): Must use

Purpose: To specify physical measurements, including dimension tolerances, weights and counts.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MEA010	6311	Measurement application qualifier	M	an	1/3	Must use
Description: Specification of the application of the physical measurement used.						
Code Name						
WT Weights						
AAU Package						
VOL Volume						
MEA020	C502	MEASUREMENT DETAILS	C	Comp		Used
Description: Identification of measurement type.						
	6313	Measurement dimension, coded	C	an	1/3	Used
Description: Specification of the type of dimension to be measured.						
Code Name						
G Gross weight						
N Net weight						
AAW Gross volume						
*	6321	Measurement significance, coded	C	an	1/3	Not used
Description: Code specifying the significance of a measurement value.						
*	6155	Measurement attribute identification	C	an	1/17	Not used
Description: Code used to specify non-discrete measurement values.						
*	6154	Measurement attribute	C	an	1/70	Not used
Description: To specify non-discrete measurement values.						
MEA030	C174	VALUE/RANGE	C	Comp		Must use
Description: Measurement value and relevant minimum and maximum tolerances in that order.						
	6411	Measure unit qualifier	M	an	1/3	Must use
Description: Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.						
CS Note:						
<i>Please refer to GID020_7065 for supported package type.</i>						
Code Name						
CBF Cubic foot						
CBM Cubic meters						
KGM Kilograms						
LBS Pounds						
TON Tons						
	6314	Measurement value	C	an	1/18	Must use

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Value of the measured unit.				
*	6162	Range minimum	C	n	1/18	Not used
		Description: Minimum of a range.				
*	6152	Range maximum	C	n	1/18	Not used
		Description: Maximum of a range.				
*	6432	Significant digits	C	n	1/2	Not used
		Description: To specify the number of significant digits.				
* MEA040	7383	Surface/layer indicator, coded	C	an	1/3	Not used
		Description: Code indicating the surface or layer of a product that is being described.				

Sample:

MEA+WT+G+KGM:3206.00'

MEA+VOL++CBM:48.98'

Segment Group 32

Pos: 1470	Repeat: 9
Conditional	
Group: 32	Elements: N/A

User Option (Usage): Used

Purpose:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1480	DGS	DANGEROUS GOODS	M	1	Must use
1490	FTX	FREE TEXT	C	99	Used

DGS DANGEROUS GOODS

Pos: 1480	Max: 1
Mandatory	
Group: 32	Elements: 13

User Option (Usage): Must use

Purpose: To identify dangerous goods.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DGS010	8273	Dangerous goods regulations, coded	C	an	1/3	Must use
Description: Code indicating the regulation, international or national, applicable for a means of transport.						
Code Name						
UI UK IMO book						
ADR European agreement regarding the total carriage of dangerous goods						
CFR 49 code of federal regulations						
ICA IATA ICAO						
IMD IMO IMDG code						
RID Rail/road dangerous goods book (RID)						
TEC Transport emergency trem card						
DGS020	C205	HAZARD CODE	C	Comp		Used
Description: The identification of the dangerous goods in code.						
	8351	Hazard code identification	M	an	1/7	Must use
Description: Dangerous goods code.						
	8078	Hazard substance/item/page number	C	an	1/7	Used
Description: Number giving additional hazard code classification of a goods item within the applicable dangerous goods regulation.						
	8092	Hazard code version number	C	an	1/10	Used
Description: The version/revision number of date of issuance of the code used.						
DGS030	C234	UNDG INFORMATION	C	Comp		Used
Description: Information on United Nations Dangerous Goods classification.						
	7124	UNDG number	C	n	4/4	Used
Description: Unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried.						
	7088	Dangerous goods flashpoint	C	an	1/8	Used
Description: Lowest temperature, in the case of dangerous goods, at which vapour from an inflammable liquid forms an ignitable mixture with air.						
DGS040	C223	DANGEROUS GOODS SHIPMENT FLASHPOINT	C	Comp		Used
Description: Temperature at which a vapor according to ISO 1523/73 can be ignited.						
	7106	Shipment flashpoint	C	n	3/3	Used
Description: Temperature in centigrade determined by the closed cup test as per ISO 1523/73 where a vapour is given off that can be ignited.						
	6411	Measure unit qualifier	C	an	1/3	Used

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.				
		Code Name				
		CEL Celsius				
		FAH Fahrenheit				
DGS050	8339	Packing group, coded	C	an	1/3	Used
		Description: Identification of a packing group by code.				
		Code Name				
		I Great danger				
		II Medium danger				
		III Minor danger				
DGS060	8364	EMS number	C	an	1/6	Used
		Description: Emergency procedures for ships carrying dangerous goods.				
DGS070	8410	MFAG	C	an	1/4	Used
		Description: Medical first aid guide.				
* DGS080	8126	Trem card number	C	an	1/10	Not used
		Description: The identification of a transport emergency card giving advice for emergency actions.				
DGS090	C235	HAZARD IDENTIFICATION	C	Comp		Used
		Description: Identification of the Orange placard required on the means of transport.				
	8158	Hazard identification number, upper part	C	an	1/4	Used
		Description: The id. number for the Orange Placard (upper part) required on the means of transport.				
	8186	Substance identification number, lower part	C	an	4/4	Used
		Description: The number for the Orange Placard (lower part) required on the means of transport.				
DGS100	C236	DANGEROUS GOODS LABEL	C	Comp		Used
		Description: Markings identifying the type of hazardous goods and similar information.				
	8246	Dangerous goods label marking	C	an	1/4	Used
		Description: 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	1/4	Used
		Description: 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	1/4	Used
		Description: Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.				
* DGS110	8255	Packing instruction, coded	C	an	1/3	Not used
		Description: Code defining the quantity and the type of package in which a product is allowed to be shipped in a passenger or freight aircraft.				

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
* DGS120	8325	Category of means of transport, coded	C	an	1/3	Not used
		Description: Identification of the type of means of transport determined to carry particular goods, not necessarily being hazardous.				
* DGS130	8211	Permission for transport, coded	C	an	1/3	Not used
		Description: Code giving evidence that transportation of particular hazardous cargo is permitted and identifies the restrictions being put upon a particular transport.				

Sample:

DGS+IMD+++100:CEL+II'

FTX FREE TEXT

Pos: 1490	Max: 99
Conditional	
Group: 32	Elements: 5

User Option (Usage): Used

Purpose: To provide free form or coded text information.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FTX010	4451	Text subject qualifier	M	an	1/3	Must use
		Description: Code specifying subject of a free text.				
		Code Name				
		AAD Dangerous goods, technical name				
* FTX020	4453	Text function, coded	C	an	1/3	Not used
		Description: Code specifying how to handle the text.				
* FTX030	C107	TEXT REFERENCE	C	Comp		Not used
		Description: Coded reference to a standard text and its source.				
*	4441	Free text identification	M	an	1/17	Not used
		Description: Free text in coded form.				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
FTX040	C108	TEXT LITERAL	C	Comp		Must use
		Description: Free text; one to five lines.				
	4440	Free text	M	an	1/70	Must use
		Description: Free text field available to the message sender for information.				
	4440	Free text	C	an	1/70	Used
		Description: Free text field available to the message sender for information.				
	4440	Free text	C	an	1/70	Used
		Description: Free text field available to the message sender for information.				
	4440	Free text	C	an	1/70	Used
		Description: Free text field available to the message sender for information.				
	4440	Free text	C	an	1/70	Used
		Description: Free text field available to the message sender for information.				
* FTX050	3453	Language, coded	C	an	1/3	Not used
		Description: Code of language (ISO 639-1988).				

CS Note:

Dangerous goods technical name must be no more than 180 chars.

Sample:

FTX+AAD+++Dangerous goods, technical name'

Segment Group 37

Pos: 1610	Repeat: 999
Conditional	
Group: 37	Elements: N/A

User Option (Usage): Used

Purpose:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1620	EQD	EQUIPMENT DETAILS	M	1	Must use
1650	MEA	MEASUREMENTS	C	9	Used
1670	SEL	SEAL NUMBER	C	99	Used
1700	TMP	TEMPERATURE	C	1	Used
1710	FTX	FREE TEXT	C	9	Used

EQD EQUIPMENT DETAILS

Pos: 1620	Max: 1
Mandatory	
Group: 37	Elements: 6

User Option (Usage): Must use

Purpose: To identify a unit of equipment.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
EQD010	8053	Equipment qualifier	M	an	1/3	Must use
		Description: Code identifying type of equipment.				
		Code Name				
		CN		Container		
EQD020	C237	EQUIPMENT IDENTIFICATION	C	Comp		Must use
		Description: Marks (letters and/or numbers) identifying equipment used for transport such as a container.				
	8260	Equipment identification number	C	an	1/17	Must use
		Description: Marks (letters and/or numbers) which identify equipment e.g. unit load device.				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
*	3207	Country, coded	C	an	1/3	Not used
		Description: Identification of the name of a country or other geographical entity as specified in ISO 3166.				
EQD030	C224	EQUIPMENT SIZE AND TYPE	C	Comp		Used
		Description: Code and/or name identifying size and type of equipment used in transport. Code preferred.				
	8155	Equipment size and type identification	C	an	1/10	Used
		Description: Coded description of the size and type of equipment e.g. unit load device.				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
*	8154	Equipment size and type	C	an	1/35	Not used
		Description: Plain language description of the size and type of equipment e.g. unit load device.				
EQD040	8077	Equipment supplier, coded	C	an	1/3	Used
		Description: To indicate the party that is the supplier of the equipment.				
		Code Name				
		1		Shipper supplied		

Code Name

2 Carrier supplied
5 Third party supplied

* EQD050 8249 **Equipment status, coded** C an 1/3 Not used

Description: Indication of the action related to the equipment.

* EQD060 8169 **Full/empty indicator, coded** C an 1/3 Not used

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

Sample:

EQD+CN+CBHU6113310+20GP'

MEA MEASUREMENTS

Pos: 1650	Max: 9
Conditional	
Group: 37	Elements: 4

User Option (Usage): Used

Purpose: To specify physical measurements, including dimension tolerances, weights and counts.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MEA010	6311	Measurement application qualifier	M	an	1/3	Must use
Description: Specification of the application of the physical measurement used.						
Code Name						
WT Weights						
AAU Package						
VOL Volume						
MEA020	C502	MEASUREMENT DETAILS	C	Comp		Used
Description: Identification of measurement type.						
	6313	Measurement dimension, coded	C	an	1/3	Used
Description: Specification of the type of dimension to be measured.						
Code Name						
G Gross weight						
N Net weight						
AAW Gross volume						
*	6321	Measurement significance, coded	C	an	1/3	Not used
Description: Code specifying the significance of a measurement value.						
*	6155	Measurement attribute identification	C	an	1/17	Not used
Description: Code used to specify non-discrete measurement values.						
*	6154	Measurement attribute	C	an	1/70	Not used
Description: To specify non-discrete measurement values.						
MEA030	C174	VALUE/RANGE	C	Comp		Must use
Description: Measurement value and relevant minimum and maximum tolerances in that order.						
	6411	Measure unit qualifier	M	an	1/3	Must use
Description: Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.						
CS Note:						
<i>Please refer to GID020_7065 for supported package type.</i>						
Code Name						
CBF Cubic foot						
CBM Cubic meters						
KGM Kilograms						
LBS Pounds						
TON Tons						
	6314	Measurement value	C	an	1/18	Must use

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Value of the measured unit.				
*	6162	Range minimum	C	n	1/18	Not used
		Description: Minimum of a range.				
*	6152	Range maximum	C	n	1/18	Not used
		Description: Maximum of a range.				
*	6432	Significant digits	C	n	1/2	Not used
		Description: To specify the number of significant digits.				
* MEA040	7383	Surface/layer indicator, coded	C	an	1/3	Not used
		Description: Code indicating the surface or layer of a product that is being described.				

Sample:

MEA+WT+G+KGM:6706.00'

MEA+VOL++CBM:99.96'

SEL SEAL NUMBER

Pos: 1670	Max: 99
Conditional	
Group: 37	Elements: 3

User Option (Usage): Used

Purpose: To specify a seal number related to equipment.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SEL010	9308	Seal number	M	an	1/10	Must use
		Description: The number of a custom seal or another seal affixed to the containers or other transport unit.				
SEL020	C215	SEAL ISSUER	C	Comp		Must use
		Description: Identification of the issuer of a seal on equipment either by code or by name.				
	9303	Sealing party, coded	C	an	1/3	Must use
		Description: Identification of the issuer of the seal number.				
		Code	Name			
		CA	Carrier			
		CN	Consignee			
		CU	Customs			
		FW	Forwarder			
		HS	High Security			
		MC	Motor Carrier			
		NP	Notify Party			
		QS	Quarantine Seal			
		RR	Railroad			
		SH	Shipper			
		TO	Terminal Operator			
		VT	Vet Seal			
		ZZ	Mutually Defined			
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
*	9302	Sealing party	C	an	1/35	Not used
		Description: Clear text, representing the name of the issuer of the seal number.				
* SEL030	4517	Seal condition, coded	C	an	1/3	Not used
		Description: To indicate the condition of a seal.				

Sample:

SEL+123456781+SH'

TMP TEMPERATURE

Pos: 1700	Max: 1
Conditional	
Group: 37	Elements: 2

User Option (Usage): Used

Purpose: To specify the temperature setting.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TMP010	6245	Temperature qualifier	M	an	1/3	Must use
Description: A code giving specific meaning to the temperature.						
Code Name						
2 Transport temperature						
3 Cargo operating temperature						
TMP020	C239	TEMPERATURE SETTING	C	Comp		Must use
Description: The temperature under which the goods are (to be) stored or shipped.						
6246		Temperature setting	C	n	3/3	Must use
Description: The actual temperature value in degrees Celsius (e.g. 008, 020).						
6411		Measure unit qualifier	C	an	1/3	Must use
Description: Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.						
Code Name						
CEL Celsius						
FAH Fahrenheit						

Sample:

TMP+2+ -20.0:CEL'

FTX FREE TEXT

Pos: 1710	Max: 9
Conditional	
Group: 37	Elements: 5

User Option (Usage): Used

Purpose: To provide free form or coded text information.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FTX010	4451	Text subject qualifier	M	an	1/3	Must use
		Description: Code specifying subject of a free text.				
		Code Name				
		AAA Additional information				
* FTX020	4453	Text function, coded	C	an	1/3	Not used
		Description: Code specifying how to handle the text.				
* FTX030	C107	TEXT REFERENCE	C	Comp		Not used
		Description: Coded reference to a standard text and its source.				
*	4441	Free text identification	M	an	1/17	Not used
		Description: Free text in coded form.				
*	1131	Code list qualifier	C	an	1/3	Not used
		Description: Identification of a code list.				
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
FTX040	C108	TEXT LITERAL	C	Comp		Must use
		Description: Free text; one to five lines.				
	4440	Free text	M	an	1/70	Must use
		Description: Free text field available to the message sender for information.				
	4440	Free text	C	an	1/70	Used
		Description: Free text field available to the message sender for information.				
	4440	Free text	C	an	1/70	Used
		Description: Free text field available to the message sender for information.				
	4440	Free text	C	an	1/70	Used
		Description: Free text field available to the message sender for information.				
	4440	Free text	C	an	1/70	Used
		Description: Free text field available to the message sender for information.				
* FTX050	3453	Language, coded	C	an	1/3	Not used
		Description: Code of language (ISO 639-1988).				

CS Note:

Remarks on container should be no more than 18 chars.

Sample:

FTX+AAA+++ADDITIONAL CONTAINER REMARKS'

UNT MESSAGE TRAILER

Pos: 1880	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To end and check the completeness of a message.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNT010	0074	Number of segments in a message	M	n	1/6	Must use
Description: Control count of number of segments in a message.						
UNT020	0062	Message reference number	M	an	1/14	Must use
Description: Unique message reference assigned by the sender.						

Sample:

UNT+57+123456789012'

UNE FUNCTIONAL GROUP TRAILER

Pos:	Max: 1
	Conditional
Group:	Elements: 2
N/A	

User Option (Usage): Used

Purpose: To end and check the completeness of a functional group.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNE010	0060	Number of messages	M	n	1/6	Must use
		Description: A count of the number of messages in a functional group.				
UNE020	0048	Functional group reference number	M	an	1/14	Must use
		Description: Reference number for the functional group assigned by and unique within the sender's division, department etc.				

Sample:

UNE+1+9'

UNZ INTERCHANGE TRAILER

Pos:	Max: 1
Mandatory	
Group:	Elements: 2
N/A	

User Option (Usage): Must use

Purpose: To end and check the completeness of an interchange.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNZ010	0036	Interchange control count	M	n	1/6	Must use
Description: Count either of the number of messages or, if used, of the number of functional groups in an interchange.						
UNZ020	0020	Interchange control reference	M	an	1/14	Must use
Description: Unique reference assigned by the sender to an interchange.						

CS Note:

UNZ+1+02939013001'

Sample:

UNZ+1+107060100746'