



Global DESADV / VDA 4987

EDIFACT/D07A/DESADV: Despatch advice message

Version: 1.1 Final

Publication:

01.04.2016

Notes:

**Based on VDA 4987, Version
1.1, October 2016**

Change Log

Version 1.1 October 2016	
Segment	Comment
TOD 0600	Excluded qualifier FOR
SG5	Set to optional
SG11 MEA	Changed qualifier from AAY to AAZ
SG11 CPS	Included qualifier 1 and 4 in second CPS

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MEA	Length	107
MEA	Width	108
MEA	Height	109
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DESADV

Despatch advice message

Heading:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage	Page
0010	UNB	Interchange header	M	1		Required	5
0020	UNH	Message header	M	1		Required	7
0030	BGM	Beginning of message	M	1	N1/0030	Required	8
0040	DTM	Document generation	C	1	N1/0040	Required	9
0050	DTM	Despatch date	C	1	N1/0050	Required	10
0060	DTM	Estimated arrival date	C	1	N1/0060	Optional	11
0070	DTM	Requested shipment date	C	1	N1/0070	Optional	12
0080	DTM	Requested delivery date	C	1	N1/0080	Optional	13
0090	ALI	Indicator for customs clearance	C	2	N1/0090	Optional	14
0100	MEA	Consignment's gross weight	C	1	N1/0100	Required	15
0110	MEA	Consignment's net weight	C	1	N1/0110	Optional	16
0120	MEA	Consignment volume (Total cube)	C	1	N1/0120	Optional	17
0130	MEA	Loading meters	C	1	N1/0130	Optional	18
0140	MEA	Number of handling units in shipment	C	1	N1/0140	Optional	19
0150	MOA	Customs value of the shipment	C	1	N1/0150	Optional	20
0160		Segment Group 1	C	1	N1/0160	Optional	21
0170	RFF	Transport document reference	M	1	N1/0170	Required	22
0180	DTM	Reference date (transport document)	C	1	N1/0180	Optional	23
0190		Segment Group 1	C	5	N1/0190	Optional	24
0200	RFF	Conveyance reference number	M	1	N1/0200	Required	25
0210		Segment Group 1	C	1	N1/0210	Optional	26
0220	RFF	Packing list reference	M	1	N1/0220	Required	27
0230	DTM	Reference date (packing list)	C	1	N1/0230	Optional	28
0240		Segment Group 2	C	1	N1/0240	Required	29
0250	NAD	Ship from	M	1	N1/0250	Required	30
0260	LOC	Place of loading	C	1	N1/0260	Optional	32
0270		Segment Group 3	C	1	N1/0270	Optional	33
0280	RFF	DUNS	M	1	N1/0280	Required	34
0290		Segment Group 2	C	1	N1/0290	Required	35
0300	NAD	Ship to	M	1	N1/0300	Required	36
0310	LOC	Unloading point	C	1	N1/0310	Required	38
0320	LOC	Internal place of consumption	C	1	N1/0320	Optional	39
0330	LOC	Place of transshipment	C	1	N1/0330	Optional	40
0340		Segment Group 3	C	1	N1/0340	Optional	41
0350	RFF	DUNS Number	M	1	N1/0350	Required	42
0360		Segment Group 2	C	1	N1/0360	Optional	43
0370	NAD	Buyer / Customer	M	1	N1/0370	Required	44
0380		Segment Group 3	C	1	N1/0380	Optional	46
0390	RFF	DUNS Number	M	1	N1/0390	Required	47
0400		Segment Group 3	C	1	N1/0400	Optional	48
0410	RFF	VAT Number	M	1	N1/0410	Required	49

0430		Segment Group 2	C	1	N1/0430	Required	50
0440	NAD	Seller / Supplier	M	1	N1/0440	Required	51
0450		Segment Group 3	C	1	N1/0450	Optional	53
0460	RFF	DUNS Number	M	1	N1/0460	Required	54
0470		Segment Group 3	C	1	N1/0470	Optional	55
0480	RFF	VAT Number	M	1	N1/0480	Required	56
0490		Segment Group 2	C	1	N1/0490	Optional	57
0500	NAD	Freight forwarder	M	1	N1/0500	Required	58
0510		Segment Group 3	C	1	N1/0510	Optional	60
0520	RFF	DUNS Number	M	1	N1/0520	Required	61
0530		Segment Group 2	C	1	N1/0530	Optional	62
0540	NAD	Carrier	M	1	N1/0540	Required	63
0550		Segment Group 3	C	1	N1/0550	Optional	65
0560	RFF	DUNS Number	M	1	N1/0560	Required	66
0570		Segment Group 2	C	1	N1/0570	Optional	67
0580	NAD	Ultimate consumer	M	1	N1/0580	Required	68

Detail:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage	Page
0590		Segment Group 5	C	10	N2/0590	Optional	70
0600	TOD	Terms of delivery or transport	M	1	N2/0600	Required	71
0610	LOC	Incoterms place	C	1	N2/0610	Optional	72
0620	FTX	Terms of delivery - descriptive text	C	5	N2/0620	Optional	73
0630	FTX	Preference information	C	1	N2/0630	Optional	74
0640		Segment Group 6	C	10	N2/0640	Optional	75
0650	TDT	Means of transport	M	1	N2/0650	Required	76
0660		Segment Group 8	C	10	N2/0660	Optional	78
0670	EQD	Equipment details	M	1	N2/0670	Required	79
0680	SEL	Seal number	C	25	N2/0680	Optional	80
0690		Segment Group 10	C	9999	N2/0690	Required	81
0700	CPS	Consignment packing sequence	M	1	N2/0700	Required	82
0710		Segment Group 11	C	9999	N2/0710	Optional	83
0720	PAC	Package	M	1	N2/0720	Required	84
0730	MEA	Length	C	1	N2/0730	Optional	85
0740	MEA	Width	C	1	N2/0740	Optional	86
0750	MEA	Height	C	1	N2/0750	Optional	87
0760	MEA	Maximum stacking weight	C	1	N2/0760	Optional	88
0770	MEA	Package volume	C	1	N2/0770	Optional	89
0780	QTY	Maximum stackability	C	1	N2/0780	Optional	90
0790	QTY	Actual quantity per package	C	1	N2/0790	Dependent	91
0800		Segment Group 13	C	1000	N2/0800	Optional	92
0810	PCI	Package identification	M	1	N2/0810	Required	93
0820		Segment Group 15	C	99	N2/0820	Dependent	94
0830	GIN	Individual handling unit's transport label number	M	1	N2/0830	Required	95
0840		Segment Group 15	C	99	N2/0840	Optional	96
0850	GIN	Individual packaging item's label numbers	M	1	N2/0850	Required	97
0860		Segment Group 15	C	99	N2/0860	Optional	98
0870	GIN	Serial number	M	1	N2/0870	Required	99

0880		Segment Group 16	C	99	N2/0880	Optional	100
0890	COD	Component details	M	1	N2/0890	Required	101
0900	MEA	Gross weight	C	9	N2/0900	Optional	102
0910	MEA	Net weight	C	9	N2/0910	Optional	103
0920		Segment Group 11	C	9999	N2/0920	Optional	104
0930	PAC	Package	M	1	N2/0930	Required	105
0940	MEA	Gross weight	C	1	N2/0940	Optional	106
0950	MEA	Length	C	1	N2/0950	Optional	107
0960	MEA	Width	C	1	N2/0960	Optional	108
0970	MEA	Height	C	1	N2/0970	Optional	109
0980		Segment Group 10	C	9999	N2/0980	Required	110
0990	CPS	Consignment packing sequence	M	1	N2/0990	Required	111
1000		Segment Group 11	C	9999	N2/1000	Optional	112
1010	PAC	Package	M	1	N2/1010	Required	113
1020	MEA	Gross weight	C	1	N2/1020	Optional	114
1030	MEA	Net weight	C	1	N2/1030	Optional	115
1040	MEA	Length	C	1	N2/1040	Optional	116
1050	MEA	Width	C	1	N2/1050	Optional	117
1060	MEA	Height	C	1	N2/1060	Optional	118
1070	MEA	Package volume	C	1	N2/1070	Optional	119
1080	QTY	Maximum stackability	C	1	N2/1080	Optional	120
1090	QTY	Actual quantity per package	C	1	N2/1090	Optional	121
1100		Segment Group 13	C	1000	N2/1100	Optional	122
1110	PCI	Package identification	M	1	N2/1110	Required	123
1120	DTM	Requested delivery date	C	1	N2/1120	Optional	124
1130		Segment Group 14	C	10	N2/1130	Dependent	125
1140	GIR	Manufacturing reference number and other relevant attributes of the vehicle	M	1	N2/1140	Required	126
1150		Segment Group 14	C	1	N2/1150	Optional	128
1160	GIR	Batch number	M	1	N2/1160	Required	129
1170	DTM	Manufacturing date	C	3	N2/1170	Dependent	130
1180		Segment Group 15	C	99	N2/1180	Optional	131
1190	GIN	Individual packaging item's label numbers	M	1	N2/1190	Required	132
1200		Segment Group 15	C	99	N2/1200	Optional	133
1210	GIN	Canban ID	M	1	N2/1210	Required	134
1220		Segment Group 15	C	99	N2/1220	Optional	135
1230	GIN	Packaging number assigned by customer	M	1	N2/1230	Required	136
1240		Segment Group 15	C	99	N2/1240	Optional	137
1250	GIN	Package / Container serial number	M	1	N2/1250	Required	138
1260		Segment Group 15	C	99	N2/1260	Optional	139
1270	GIN	Position number in package	M	1	N2/1270	Required	140
1280		Segment Group 11	C	9999	N2/1280	Optional	141
1290	PAC	Package	M	1	N2/1290	Required	142
1300	MEA	Weight	C	1	N2/1300	Optional	143
1310	MEA	Length	C	1	N2/1310	Optional	144
1320	MEA	Width	C	1	N2/1320	Optional	145
1330	MEA	Height	C	1	N2/1330	Optional	146
1340		Segment Group 17	C	9999	N2/1340	Required	147

0660	LIN	Line item	M	1	N2/0660	Required	148
1360	PIA	Additional product id	C	1	N2/1360	Optional	149
0680	IMD	Item description	C	25	N2/0680	Optional	151
1380	MEA	Net weight	C	1	N2/1380	Optional	152
1390	QTY	Despatched quantity	C	1	N2/1390	Required	153
1400	QTY	Quantity to be delivered	C	1	N2/1400	Dependent	154
1410	ALI	Country of origin	C	10	N2/1410	Optional	155
1420	GIN	Serial Number(s)	C	100	N2/1420	Optional	156
1430	GIN	Engine Number(s)	C	100	N2/1430	Optional	157
1440	NAD	Manufacturer	C	1	N2/1440	Optional	158
1450	FTX	Article long description	C	99	N2/1450	Optional	160
1460	MOA	Customs declared value	C	1	N2/1460	Optional	161
1470		Segment Group 18	C	1	N2/1470	Optional	162
1480	RFF	Shipment / Delivery note reference	M	1	N2/1480	Required	163
1490	DTM	Delivery note date	C	1	N2/1490	Optional	164
1500		Segment Group 18	C	5	N2/1500	Optional	165
1510	RFF	Delivery instruction / schedule reference	M	1	N2/1510	Required	166
1520	CTA	Item related contact information	C	1	N2/1520	Optional	167
1530	DTM	Reference date	C	1	N2/1530	Optional	168
1540		Segment Group 18	C	1	N2/1540	Required	169
1550	RFF	Order reference	M	1	N2/1550	Required	170
1560	DTM	Reference date	C	1	N2/1560	Optional	171
1570		Segment Group 18	C	99	N2/1570	Optional	172
1580	RFF	Reference	M	1	N2/1580	Required	173
1590	DTM	Reference date	C	1	N2/1590	Optional	174
1600		Segment Group 19	C	1	N2/1600	Optional	175
1610	DGS	Dangerous goods	M	1	N2/1610	Required	176
1620	FTX	Dangerous goods description	C	1	N2/1620	Optional	177
1630	FTX	Dangerous goods declaration exception	C	1	N2/1630	Optional	178
1640		Segment Group 20	C	1	N2/1640	Optional	179
1650	LOC	Unloading point	M	1	N2/1650	Required	180
1660		Segment Group 20	C	1	N2/1660	Optional	181
1670	LOC	Internal place of consumption	M	1	N2/1670	Required	182

Summary:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage	Page
1680	UNT	Message trailer	M	1	N3/1680	Required	183
1690	UNZ	Interchange trailer	M	1		Required	184

UNB Interchange header

Pos: 0010	Max: 1
Mandatory	
Group: N/A	Elements: 11

User Option (Usage): Required

Function: 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		Required
UNB010-010	0001	Syntax identifier	M	a	1/4	Required
		<u>Code</u> <u>Name</u>				
		UNOA UN/ECE level A				
		UNOC UN/ECE level C				
UNB010-020	0002	Syntax version number	M	n	1/1	Required
		<u>Code</u> <u>Name</u>				
		2 Version 2				
		3 Version 3				
UNB020	S002	Interchange sender	M	Comp		Required
UNB020-010	0004	Sender identification	M	an	1/35	Required
UNB020-020	0007	Partner identification code qualifier	C	an	1/4	Optional
		<u>Code</u> <u>Name</u>				
		1 DUNS (Data Universal Numbering System)				
		9 DUNS (Data Universal Numbering System) with 4 digit suffix				
		18 AIAG (Automotive Industry Action Group)				
		59 ODETTE (Organization for Data Exchange through Tele-Transmission in Europe)				
		61 SCAC (Standard Carrier Alpha Code)				
		91 Assigned by seller or seller's agent				
		92 Assigned by buyer or buyer's agent				
		ZZZ Mutually defined				
UNB020-030	0008	Address for reverse routing	C	an	1/14	Optional
UNB030	S003	Interchange recipient	M	Comp		Required
UNB030-010	0010	Recipient identification	M	an	1/35	Required
UNB030-020	0007	Partner identification code qualifier	C	an	1/4	Optional
		Description:				
		<i>for code list see interchange sender</i>				
UNB030-030	0014	Routing address	C	an	1/14	Optional
UNB040	S004	Date/Time of preperation	M	Comp		Required
UNB040-010	0017	Date of preparation	M	n	1/6	Required
UNB040-020	0019	Time of preparation	M	n	1/4	Required
UNB050	0020	Interchange control reference	M	an	1/14	Required
UNB060	S005	Recipients reference password	C	Comp		Not used
UNB060-010	0022	Recipient's reference/password	M	an	1/14	Not used
UNB060-020	0025	Recipient's reference/password qualifier	C	an	2/2	Not used
UNB070	0026	Application reference	C	an	1/14	Not used

UNB080	0029	Processing priority code	C	a	1/1	Not used
UNB090	0031	Acknowledgement request	C	n	1/1	Not used
UNB100	0032	Cummunications agreement ID	C	an	1/35	Not used
UNB110	0035	Test indicator	C	n	1/1	Optional

<u>Code</u>	<u>Name</u>
1	Interchange is a test

Magna Usage:

Magna prefers to use the DUNS number or protocol specific sender and recipient codes (AS2 ID or OFTP SFID) if required other sender & receiver codes can be defined at the connection setup.

Example:

UNB+UNOA:2+O0013000438STEYR+SUPPLIER:01:LW017+970611:0735+02355+++++1'

UNH Message header

Pos: 0020	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Required

Function: To head, identify and specify a message.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNH010	0062	Message reference number	M	an	1/14	Required
		Description: <i>Message reference number (in the interchange)</i>				
UNH020	S009	Message Identifier	M	Comp		Required
UNH020-010	0065	Message type	M	an	1/6	Required
		Code Name				
		DESADV Despatch advice message				
UNH020-020	0052	Message version number	M	an	1/3	Required
		Code Name				
		D Draft version/UN/EDIFACT Directory				
UNH020-030	0054	Message release number	M	an	1/3	Required
		Code Name				
		07A Release 2007 - A				
UNH020-040	0051	Controlling agency, coded	M	an	1/3	Required
		Code Name				
		UN UN/CEFACT				
UNH020-050	0057	Association assigned code	C	an	1/6	Optional
		Description: <i>Identifying the subset in use, assigned by responsible agency</i> <i>GAVF11 VDA DESADV Version 1.1</i> <i>Identification of the subset release, assigned by VDA.</i>				
		Code Name				
		GAVF11 VDA DESADV Version 1.1				

Example:

UNH+123+DESADV:D:07A:UN:GAVF11'

BGM Beginning of message

Pos: 0030	Max: 1
Mandatory	
Group: N/A	Elements: 3

User Option (Usage): Required

Function: 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		Required
BGM010-010	1001	Document name code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		2 Summarization despatch advice				
		3 Regularisation despatch advice / return delivery				
		37 JIS delivery - re-ordered parts				
		236 Delivery forecast				
		343 Cartage order (local transport)				
		345 Ready for despatch advice				
		351 Despatch advice				
BGM010-020	1131	Code list identification code	C	an	1/17	Dependent
BGM010-030	3055	Code list responsible agency code	C	an	1/3	Dependent
		<u>Code</u> <u>Name</u>				
		6 UN/ECE (United Nations - Economic Commission for Europe)				
BGM010-040	1000	Document name	C	an	1/35	Optional
BGM020	C106	Document/message identification	C	Comp		Required
BGM020-010	1004	Document identifier	C	an	1/35	Required
BGM020-020	1056	Version identifier	C	an	1/9	Not used
BGM020-030	1060	Revision identifier	C	an	1/6	Not used
BGM030	1225	Message function code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		9 Original				

Example:

BGM+351+344987'

DTM Document generation

Pos: 0040	Max: 1
Conditional	
Group: N/A	Elements: 1

User Option (Usage): Required

Function: 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		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		137 Document issue date time				
DTM010-020	2380	Date or time or period text	C	an	1/12	Required
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Example:

DTM+137:20110409:102'

DTM Despatch date

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

User Option (Usage): Required

Function: 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		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		11 Despatch date and or time				
DTM010-020	2380	Date or time or period text	C	an	1/12	Required
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Example:

DTM+11:20110406:102'

DTM Estimated arrival date

Pos: 0060	Max: 1
Conditional	
Group: N/A	Elements: 1

User Option (Usage): Optional

Function: 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		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		132 Transport means arrival date time, estimated				
DTM010-020	2380	Date or time or period text	C	n	1/12	Required
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Example:

DTM+132:20110406:102'

DTM Requested shipment date

Pos: 0070	Max: 1
Conditional	
Group: N/A	Elements: 1

User Option (Usage): Optional

Function: 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		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		10 Shipment date/time, requested				
DTM010-020	2380	Date or time or period text	C	an	1/12	Required
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Example:

DTM+10:20110409:102'

DTM Requested delivery date

Pos: 0080	Max: 1
Conditional	
Group: N/A	Elements: 1

User Option (Usage): Optional

Function: 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		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		2 Delivery date/time, requested				
DTM010-020	2380	Date or time or period text	C	n	1/12	Required
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Example:

DTM+2:20131201:102'

ALI

Indicator for customs clearance

Pos: 0090	Max: 2
Conditional	
Group: N/A	Elements: 3

User Option (Usage): Optional

Function: To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable.

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>
ALI010	3239	Country of origin identifier	C	an	1/3	Not used
ALI020	9213	Duty regime type code	C	an	1/3	Not used
ALI030	4183	Special condition code	C	an	1/3	Required
		<u>Code</u>	<u>Name</u>			
		66	Delivery without change of ownership			
		X01	Supplier organises customs clearance			

MEA Consignment's gross weight

Pos: 0100	Max: 1
Group: N/A	Elements: 3

User Option (Usage): Required

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MEA010	6311	Measurement purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAX Consignment measurement				
MEA020	C502	Measurement Details	C	Comp		Required
MEA020-010	6313	Measured attribute code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAD Consignment gross weight				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Not used
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Required
MEA030-010	6411	Measurement unit code	M	an	1/8	Required
		<u>Code</u> <u>Name</u>				
		KGM kilogram				
MEA030-020	6314	Measure	C	n	1/12	Required
		Description: Gross weight - weight (mass) without carrier's equipment				

Example:

MEA+AAX+AAD+KGM:8000.00'

MEA Consignment's net weight

Pos: 0110	Max: 1
Group: N/A	Elements: 3

User Option (Usage): Optional

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MEA010	6311	Measurement purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAX Consignment measurement				
MEA020	C502	Measurement Details	C	Comp		Required
MEA020-010	6313	Measured attribute code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAL Net weight				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Not used
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Required
MEA030-010	6411	Measurement unit code	M	an	1/8	Required
		<u>Code</u> <u>Name</u>				
		KGM kilogram				
MEA030-020	6314	Measure	C	n	1/12	Required
		Description: Weight (mass) of the goods				

Example:

MEA+AAX+AAL+KGM:7900.00'

MEA

Consignment volume (Total cube)

Pos: 0120	Max: 1
Group: N/A	Elements: 3

User Option (Usage): Optional

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MEA010	6311	Measurement purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAX Consignment measurement				
MEA020	C502	Measurement Details	C	Comp		Required
MEA020-010	6313	Measured attribute code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		ABJ Volume				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Not used
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Required
MEA030-010	6411	Measurement unit code	M	an	1/8	Required
		<u>Code</u> <u>Name</u>				
		DMQ cubic decimetre				
		LTR litre				
		MTQ cubic metre				
MEA030-020	6314	Measure	C	n	1/9	Required
		Description: Volume				

Example:

MEA+AAX+ABJ+:7900.00'

MEA Loading meters

Pos: 0130	Max: 1
Group: N/A	Elements: 3

User Option (Usage): Optional

Function: 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 purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAX Consignment measurement				
		LMT Loading meters				
MEA020	C502	Measurement Details	C	Comp		Not used
MEA020-010	6313	Measured attribute code	C	an	1/3	Not used
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Not used
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Required
MEA030-010	6411	Measurement unit code	M	an	1/8	Required
		<u>Code</u> <u>Name</u>				
		MTR metre				
MEA030-020	6314	Measure	C	n	1/9	Required
		Description: Loading meter				

MEA

Number of handling units in shipment

Pos: 0140	Max: 1
Group: N/A	Elements: 3

User Option (Usage): Optional

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MEA010	6311	Measurement purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAE Measurement				
MEA020	C502	Measurement details	C	Comp		Not used
MEA020-010	6313	Measured attribute code	C	an	1/3	Not used
		<u>Code</u> <u>Name</u>				
		AAE Item gross weight				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Not used
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Required
MEA030-010	6411	Measurement unit code	M	an	1/8	Required
		<u>Code</u> <u>Name</u>				
		C62 one				
		PCE piece				
MEA030-020	6314	Measure	C	an	1/18	Required

Example:

MEA+AAE++C62:6.00'

MOA Customs value of the shipment

Pos: 0150	Max: 1
Conditional	
Group: N/A	Elements: 1

User Option (Usage): Optional

Function: To specify a monetary amount.

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>
MOA010	C516	Monetary amount	M	Comp		Required
MOA010-010	5025	Monetary amount type code qualifier	M	an	1/3	Required
		<u>Code</u> 40		<u>Name</u> Goods item for customs declared value amount		
MOA010-020	5004	Monetary amount	C	n	1/35	Required
MOA010-030	6345	Currency identification code	C	an	1/3	Required

Example:

MOA+40:200000:EUR'

Segment Group 1

Pos: 0160	Repeat: 1
Conditional	
Group: 1	Elements: N/A

User Option (Usage): Optional

Function: Transport document reference

A group of segments giving references where necessary, their dates relating to the whole message,

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0170	RFF	Transport document reference	M	1	Required
0180	DTM	Reference date (transport document)	C	1	Optional

RFF

Transport document reference

Pos: 0170	Max: 1
Mandatory	
Group: 1	Elements: 1

Loop Path: Group 1

User Option (Usage): Required

Function: 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		Required
RFF010-010	1153	Reference code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAS Transport contract document identifier				
RFF010-020	1154	Reference identifier	C	an	1/70	Required
RFF010-030	1156	Document line identifier	C	an	1/6	Optional

Example:

RFF+AAS:TD-2002-101:120'

DTM

Reference date (transport document)

Pos: 0180	Max: 1
Conditional	
Group: 1	Elements: 1

Loop Path: Group 1

User Option (Usage): Optional

Function: 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		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		171 Reference date/time				
DTM010-020	2380	Date or time or period text	C	n	1/12	Required
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Example:

DTM+171:20021123:102'

Segment Group 1

Pos: 0190	Repeat: 5
Conditional	
Group: 1	Elements: N/A

User Option (Usage): Optional

Function: Conveyance reference number(s)

A group of segments giving references where necessary, their dates relating to the whole message,

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0200	RFF	Conveyance reference number	M	1	Required

RFF

Conveyance reference number

Pos: 0200	Max: 1
Mandatory	
Group: 1	Elements: 1

Loop Path: Group 1

User Option (Usage): Required

Function: To specify a reference.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
RFF010	C506	Reference	M	Comp		Required
RFF010-010	1153	Reference code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAN Delivery schedule number				
		AAO Consignment identifier, consignee assigned				
		AVU Unique goods shipment identifier				
		CRN Transport means journey identifier				
RFF010-020	1154	Reference identifier	C	an	1/35	Required

Example:

RFF+CRN:23031101'

Segment Group 1

Pos: 0210	Repeat: 1
Conditional	
Group: 1	Elements: N/A

User Option (Usage): Optional

Function: Packing list reference

A group of segments giving references where necessary, their dates relating to the whole message

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0220	RFF	Packing list reference	M	1	Required
0230	DTM	Reference date (packing list)	C	1	Optional

RFF Packing list reference

Pos: 0220	Max: 1
Mandatory	
Group: 1	Elements: 1

Loop Path: Group 1

User Option (Usage): Required

Function: To specify a reference.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
RFF010	C506	Reference	M	Comp		Required
RFF010-010	1153	Reference code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		PK Packing list number				
RFF010-020	1154	Reference identifier	C	an	1/70	Required
RFF010-030	1156	Document line identifier	C	an	1/6	Optional

Example:

RFF+PK:PK-20021123-21'

DTM

Reference date (packing list)

Pos: 0230	Max: 1
Conditional	
Group: 1	Elements: 1

Loop Path: Group 1

User Option (Usage): Optional

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
DTM010	C507	Date/Time/Period	M	Comp		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		171 Reference date/time				
DTM010-020	2380	Date or time or period text	C	n	1/12	Required
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Example:

DTM+171:20021130:102'

Segment Group 2

Pos: 0240	Repeat: 1
Conditional	
Group: 2	Elements: N/A

User Option (Usage): Required

Function: Ship from

A group of segments identifying names, addresses, locations, and required supporting documents relevant to the whole Despatch Advice.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0250	NAD	Ship from	M	1	Required
0260	LOC	Place of loading	C	1	Optional
0270		Segment Group 3	C	1	Optional

NAD Ship from

Pos: 0250	Max: 1
Mandatory	
Group: 2	Elements: 9

Loop Path: Group 2

User Option (Usage): Required

Function: To specify the name/address and their related function.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
NAD010	3035	Party function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		SF Ship from				
NAD020	C082	Party identification details	C	Comp		Required
NAD020-010	3039	Party identifier	M	an	1/20	Required
NAD020-020	1131	Code list identification code	C	an	1/17	Not used
NAD020-030	3055	Code list responsible agency code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		91 Assigned by seller or seller's agent				
		92 Assigned by buyer or buyer's agent				
NAD030	C058	Name and address	C	Comp		Not used
NAD030-010	3124	Name and address description	M	an	1/35	Not used
NAD030-020	3124	Name and address description	C	an	1/35	Not used
NAD030-030	3124	Name and address description	C	an	1/35	Not used
NAD030-040	3124	Name and address description	C	an	1/35	Not used
NAD030-050	3124	Name and address description	C	an	1/35	Not used
NAD040	C080	Party name	C	Comp		Optional
NAD040-010	3036	Party name	M	an	1/35	Required
NAD040-020	3036	Party name	C	an	1/35	Optional
NAD040-030	3036	Party name	C	an	1/35	Not used
NAD040-040	3036	Party name	C	an	1/35	Not used
NAD040-050	3036	Party name	C	an	1/35	Not used
NAD040-060	3045	Party name format code	C	an	1/3	Not used
NAD050	C059	Street	C	Comp		Optional
NAD050-010	3042	Street and number or post office box identifier	M	an	1/35	Required
NAD050-020	3042	Street and number or post office box identifier	C	an	1/35	Optional
NAD050-030	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD050-040	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD060	3164	City name	C	an	1/35	Optional
NAD070	C819	Country subdivision details	C	Comp		Optional

NAD070-010	3229	Country subdivision identifier	C	an	1/9	Required
NAD070-020	1131	Code list identification code	C	an	1/17	Not used
NAD070-030	3055	Code list responsible agency code	C	an	1/3	Not used
NAD070-040	3228	Country subdivision name	C	an	1/70	Not used
NAD080	3251	Postal identification code	C	an	1/17	Optional
NAD090	3207	Country identifier	C	an	1/3	Optional

Example:

NAD+SF+::91'

LOC Place of loading

Pos: 0260	Max: 1
Conditional	
Group: 2	Elements: 2

Loop Path: Group 2

User Option (Usage): Optional

Function: To identify a place or a location and/or related locations.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
LOC010	3227	Location function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		9 Place of loading				
LOC020	C517	Location identification	C	Comp		Required
LOC020-010	3225	Location identifier	C	an	1/17	Required
LOC020-020	1131	Code list identification code	C	an	1/17	Not used
LOC020-030	3055	Code list responsible agency code	C	an	1/3	Optional
LOC020-040	3224	Location name	C	an	1/256	Optional

Magna Usage:

Location from where the goods are loaded for transport.

Segment Group 3

Pos: 0270	Repeat: 1
Conditional	
Group: 3	Elements: N/A

Loop Path: Group 2

User Option (Usage): Optional

Function: DUNS Number

A group of segments giving references relevant only to the specified party rather than the whole message.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0280	RFF	DUNS	M	1	Required

RFF DUNS

Pos: 0280	Max: 1
Mandatory	
Group: 3	Elements: 1

Loop Path: Group 2-Group 3
User Option (Usage): Required
Function: 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		Required
RFF010-010	1153	Reference code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		ANK Reference number assigned by third party				
RFF010-020	1154	Reference identifier	C	an	1/17	Required

Segment Group 2

Pos: 0290	Repeat: 1
Conditional	
Group: 2	Elements: N/A

User Option (Usage): Required

Function: Ship to

A group of segments identifying names, addresses, locations, and required supporting documents relevant to the whole Despatch Advice.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0300	NAD	Ship to	M	1	Required
0310	LOC	Unloading point	C	1	Required
0320	LOC	Internal place of consumption	C	1	Optional
0330	LOC	Place of transshipment	C	1	Optional
0340		Segment Group 3	C	1	Optional

NAD Ship to

Pos: 0300	Max: 1
Mandatory	
Group: 2	Elements: 9

Loop Path: Group 2

User Option (Usage): Required

Function: To specify the name/address and their related function.

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 function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		ST Ship to				
NAD020	C082	Party identification details	C	Comp		Required
NAD020-010	3039	Party identifier	M	an	1/20	Required
NAD020-020	1131	Code list identification code	C	an	1/17	Not used
NAD020-030	3055	Code list responsible agency code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		16 US, D&B (Dun & Bradstreet Corporation)				
		92 Assigned by buyer or buyer's agent				
NAD030	C058	Name and Address	C	Comp		Not used
NAD030-010	3124	Name and address description	M	an	1/35	Not used
NAD030-020	3124	Name and address description	C	an	1/35	Not used
NAD030-030	3124	Name and address description	C	an	1/35	Not used
NAD030-040	3124	Name and address description	C	an	1/35	Not used
NAD030-050	3124	Name and address description	C	an	1/35	Not used
NAD040	C080	Party name	C	Comp		Optional
NAD040-010	3036	Party name	M	an	1/35	Required
NAD040-020	3036	Party name	C	an	1/35	Optional
NAD040-030	3036	Party name	C	an	1/35	Not used
NAD040-040	3036	Party name	C	an	1/35	Not used
NAD040-050	3036	Party name	C	an	1/35	Not used
NAD040-060	3045	Party name format code	C	an	1/3	Not used
NAD050	C059	Street	C	Comp		Optional
NAD050-010	3042	Street and number or post office box identifier	M	an	1/35	Required
NAD050-020	3042	Street and number or post office box identifier	C	an	1/35	Optional
NAD050-030	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD050-040	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD060	3164	City name	C	an	1/35	Optional
NAD070	C819	Country Subdivision Details	C	Comp		Optional

NAD070-010	3229	Country subdivision identifier	C	an	1/9	Conditional
NAD070-020	1131	Code list identification code	C	an	1/17	Not used
NAD070-030	3055	Code list responsible agency code	C	an	1/3	Not used
NAD070-040	3228	Country subdivision name	C	an	1/70	Not used
NAD080	3251	Postal identification code	C	an	1/17	Optional
NAD090	3207	Country identifier	C	a	2/2	Optional

Example:

NAD+ST+THO::92'

LOC Unloading point

Pos: 0310	Max: 1
Conditional	
Group: 2	Elements: 2

Loop Path: Group 2

User Option (Usage): Required

Function: To identify a place or a location and/or related locations.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage				
LOC010	3227	Location function code qualifier	M	an	1/3	Required				
		Magna Usage: used as unloading point								
		<table><tr><th>Code</th><th>Name</th></tr><tr><td>11</td><td>Place of discharge</td></tr></table>	Code	Name	11	Place of discharge				
Code	Name									
11	Place of discharge									
LOC020	C517	Location Identification	C	Comp		Required				
LOC020-010	3225	Location identifier	C	an	1/35	Optional				
LOC020-020	1131	Code list identification code	C	an	1/17	Not used				
LOC020-030	3055	Code list responsible agency code	C	an	1/3	Optional				
LOC020-040	3224	Location name	C	an	1/256	Optional				

Example:

LOC+11+24000'

LOC

Internal place of consumption

Pos: 0320	Max: 1
Conditional	
Group: 2	Elements: 2

Loop Path: Group 2

User Option (Usage): Optional

Function: To identify a place or a location and/or related locations.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
LOC010	3227	Location function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		7 Place of delivery				
LOC020	C517	Location Identification	C	Comp		Required
LOC020-010	3225	Location identifier	C	an	1/35	Optional
LOC020-020	1131	Code list identification code	C	an	1/17	Not used
LOC020-030	3055	Code list responsible agency code	C	an	1/3	Optional
LOC020-040	3224	Location name	C	an	1/256	Optional

Example:

LOC+7+0004'

LOC Place of transshipment

Pos: 0330	Max: 1
Conditional	
Group: 2	Elements: 2

Loop Path: Group 2

User Option (Usage): Optional

Function: To identify a place or a location and/or related locations.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
LOC010	3227	Location function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		13 Place of transshipment				
LOC020	C517	Location identification	C	Comp		Required
LOC020-010	3225	Location identifier	C	an	1/35	Optional
LOC020-020	1131	Code list identification code	C	an	1/17	Not used
LOC020-030	3055	Code list responsible agency code	C	an	1/3	Not used
LOC020-040	3224	Location name	C	an	1/256	Optional

Example:

LOC+13+0004'

Segment Group 3

Pos: 0340	Repeat: 1
Conditional	
Group: 3	Elements: N/A

Loop Path: Group 2

User Option (Usage): Optional

Function: DUNS Number

A group of segments giving references relevant only to the specified party rather than the whole message.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0350	RFF	DUNS Number	M	1	Required

RFF DUNS Number

Pos: 0350	Max: 1
Mandatory	
Group: 3	Elements: 1

Loop Path: Group 2-Group 3

User Option (Usage): Required

Function: 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		Required
RFF010-010	1153	Reference code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		ANK Reference number assigned by third party				
RFF010-020	1154	Reference identifier	C	an	1/17	Required

Segment Group 2

Pos: 0360	Repeat: 1
Conditional	
Group: 2	Elements: N/A

User Option (Usage): Optional

Function: Buyer / Customer

A group of segments identifying names, addresses, locations, and required supporting documents relevant to the whole Despatch Advice.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0370	NAD	Buyer / Customer	M	1	Required
0380		Segment Group 3	C	1	Optional
0400		Segment Group 3	C	1	Optional

NAD Buyer / Customer

Pos: 0370	Max: 1
Mandatory	
Group: 2	Elements: 9

Loop Path: Group 2

User Option (Usage): Required

Function: To specify the name/address and their related function.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
NAD010	3035	Party function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		BY Buyer				
NAD020	C082	Party Identification Details	C	Comp		Required
NAD020-010	3039	Party identifier	M	an	1/35	Required
NAD020-020	1131	Code list identification code	C	an	1/17	Not used
NAD020-030	3055	Code list responsible agency code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		91 Assigned by seller or seller's agent				
		92 Assigned by buyer or buyer's agent				
NAD030	C058	Name and Address	C	Comp		Not used
NAD030-010	3124	Name and address description	M	an	1/35	Not used
NAD030-020	3124	Name and address description	C	an	1/35	Not used
NAD030-030	3124	Name and address description	C	an	1/35	Not used
NAD030-040	3124	Name and address description	C	an	1/35	Not used
NAD030-050	3124	Name and address description	C	an	1/35	Not used
NAD040	C080	Party Name	C	Comp		Optional
NAD040-010	3036	Party name	M	an	1/35	Required
NAD040-020	3036	Party name	C	an	1/35	Optional
NAD040-030	3036	Party name	C	an	1/35	Not used
NAD040-040	3036	Party name	C	an	1/35	Not used
NAD040-050	3036	Party name	C	an	1/35	Not used
NAD040-060	3045	Party name format code	C	an	1/3	Not used
NAD050	C059	Street	C	Comp		Optional
NAD050-010	3042	Street and number or post office box identifier	M	an	1/35	Required
NAD050-020	3042	Street and number or post office box identifier	C	an	1/35	Optional
NAD050-030	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD050-040	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD060	3164	City name	C	an	1/35	Optional
NAD070	C819	Country subdivision details	C	Comp		Optional

NAD070-010	3229	Country subdivision identifier	C	an	1/9	Required
NAD070-020	1131	Code list identification code	C	an	1/17	Not used
NAD070-030	3055	Code list responsible agency code	C	an	1/3	Not used
NAD070-040	3228	Country subdivision name	C	an	1/70	Not used
NAD080	3251	Postal identification code	C	an	1/17	Optional
NAD090	3207	Country identifier	C	an	1/3	Optional

Example:*NAD+BY+850128'*

Segment Group 3

Pos: 0380	Repeat: 1
Conditional	
Group: 3	Elements: N/A

Loop Path: Group 2

User Option (Usage): Optional

Function: DUNS Number

A group of segments giving references relevant only to the specified party rather than the whole message.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0390	RFF	DUNS Number	M	1	Required

RFF DUNS Number

Pos: 0390	Max: 1
Mandatory	
Group: 3	Elements: 1

Loop Path: Group 2-Group 3

User Option (Usage): Required

Function: 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		Required
RFF010-010	1153	Reference code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		ANK Reference number assigned by third party				
RFF010-020	1154	Reference identifier	C	an	1/17	Required

Segment Group 3

Pos: 0400	Repeat: 1
Conditional	
Group: 3	Elements: N/A

Loop Path: Group 2

User Option (Usage): Optional

Function: VAT Number

A group of segments giving references relevant only to the specified party rather than the whole message.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0410	RFF	VAT Number	M	1	Required

RFF VAT Number

Pos: 0410	Max: 1
Mandatory	
Group: 3	Elements: 1

Loop Path: Group 2-Group 3
User Option (Usage): Required
Function: 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		Required
RFF010-010	1153	Reference code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		VA VAT registration number				
RFF010-020	1154	Reference identifier	C	an	1/17	Required

Example:

RFF+VA:DE 88776655'

Segment Group 2

Pos: 0430	Repeat: 1
Conditional	
Group: 2	Elements: N/A

User Option (Usage): Required

Function: Seller / Supplier

A group of segments identifying names, addresses, locations, and required supporting documents relevant to the whole Despatch Advice.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0440	NAD	Seller / Supplier	M	1	Required
0450		Segment Group 3	C	1	Optional
0470		Segment Group 3	C	1	Optional

NAD Seller / Supplier

Pos: 0440	Max: 1
Mandatory	
Group: 2	Elements: 9

Loop Path: Group 2

User Option (Usage): Required

Function: To specify the name/address and their related function.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
NAD010	3035	Party function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		SE Seller				
NAD020	C082	Party identification details	C	Comp		Required
NAD020-010	3039	Party identifier	M	an	1/35	Required
NAD020-020	1131	Code list identification code	C	an	1/17	Not used
NAD020-030	3055	Code list responsible agency code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		91 Assigned by seller or seller's agent				
		92 Assigned by buyer or buyer's agent				
NAD030	C058	Name and address	C	Comp		Not used
NAD030-010	3124	Name and address description	M	an	1/35	Not used
NAD030-020	3124	Name and address description	C	an	1/35	Not used
NAD030-030	3124	Name and address description	C	an	1/35	Not used
NAD030-040	3124	Name and address description	C	an	1/35	Not used
NAD030-050	3124	Name and address description	C	an	1/35	Not used
NAD040	C080	Party name	C	Comp		Optional
NAD040-010	3036	Party name	M	an	1/35	Required
NAD040-020	3036	Party name	C	an	1/35	Optional
NAD040-030	3036	Party name	C	an	1/35	Not used
NAD040-040	3036	Party name	C	an	1/35	Not used
NAD040-050	3036	Party name	C	an	1/35	Not used
NAD040-060	3045	Party name format code	C	an	1/3	Not used
NAD050	C059	Street	C	Comp		Optional
NAD050-010	3042	Street and number or post office box identifier	M	an	1/35	Required
NAD050-020	3042	Street and number or post office box identifier	C	an	1/35	Optional
NAD050-030	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD050-040	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD060	3164	City name	C	an	1/35	Optional
NAD070	C819	Country subdivision details	C	Comp		Optional

NAD070-010	3229	Country subdivision identifier	C	an	1/9	Required
NAD070-020	1131	Code list identification code	C	an	1/17	Not used
NAD070-030	3055	Code list responsible agency code	C	an	1/3	Not used
NAD070-040	3228	Country subdivision name	C	an	1/70	Not used
NAD080	3251	Postal identification code	C	an	1/17	Optional
NAD090	3207	Country identifier	C	a	2/2	Optional

Example:

NAD+SE+468900::92'

Segment Group 3

Pos: 0450	Repeat: 1
Conditional	
Group: 3	Elements: N/A

Loop Path: Group 2

User Option (Usage): Optional

Function: DUNS Number

A group of segments giving references relevant only to the specified party rather than the whole message.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0460	RFF	DUNS Number	M	1	Required

RFF

DUNS Number

Pos: 0460	Max: 1
Mandatory	
Group: 3	Elements: 1

Loop Path: Group 2-Group 3

User Option (Usage): Required

Function: 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		Required
RFF010-010	1153	Reference code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		ANK Reference number assigned by third party				
RFF010-020	1154	Reference identifier	C	an	1/70	Required

Segment Group 3

Pos: 0470	Repeat: 1
Conditional	
Group: 3	Elements: N/A

Loop Path: Group 2

User Option (Usage): Optional

Function: VAT Number

A group of segments giving references relevant only to the specified party rather than the whole message.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0480	RFF	VAT Number	M	1	Required

RFF VAT Number

Pos: 0480	Max: 1
Mandatory	
Group: 3	Elements: 1

Loop Path: Group 2-Group 3
User Option (Usage): Required
Function: 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		Required
RFF010-010	1153	Reference code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		VA VAT registration number				
RFF010-020	1154	Reference identifier	C	an	1/17	Required

Example:

RFF+VA:NL 33224422'

Segment Group 2

Pos: 0490	Repeat: 1
Conditional	
Group: 2	Elements: N/A

User Option (Usage): Optional

Function: Freight forwarder

A group of segments identifying names, addresses, locations, and required supporting documents relevant to the whole Despatch Advice.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0500	NAD	Freight forwarder	M	1	Required
0510		Segment Group 3	C	1	Optional

NAD Freight forwarder

Pos: 0500	Max: 1
Mandatory	
Group: 2	Elements: 9

Loop Path: Group 2

User Option (Usage): Required

Function: To specify the name/address and their related function.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
NAD010	3035	Party function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		FW Freight forwarder				
NAD020	C082	Party identification details	C	Comp		Required
NAD020-010	3039	Party identifier	M	an	1/35	Required
NAD020-020	1131	Code list identification code	C	an	1/17	Not used
NAD020-030	3055	Code list responsible agency code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		91 Assigned by seller or seller's agent				
		92 Assigned by buyer or buyer's agent				
NAD030	C058	Name and address	C	Comp		Not used
NAD030-010	3124	Name and address description	M	an	1/35	Not used
NAD030-020	3124	Name and address description	C	an	1/35	Not used
NAD030-030	3124	Name and address description	C	an	1/35	Not used
NAD030-040	3124	Name and address description	C	an	1/35	Not used
NAD030-050	3124	Name and address description	C	an	1/35	Not used
NAD040	C080	Party name	C	Comp		Optional
NAD040-010	3036	Party name	M	an	1/35	Required
NAD040-020	3036	Party name	C	an	1/35	Optional
NAD040-030	3036	Party name	C	an	1/35	Not used
NAD040-040	3036	Party name	C	an	1/35	Not used
NAD040-050	3036	Party name	C	an	1/35	Not used
NAD040-060	3045	Party name format code	C	an	1/3	Not used
NAD050	C059	Street	C	Comp		Optional
NAD050-010	3042	Street and number or post office box identifier	M	an	1/35	Required
NAD050-020	3042	Street and number or post office box identifier	C	an	1/35	Optional
NAD050-030	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD050-040	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD060	3164	City name	C	an	1/35	Optional
NAD070	C819	Country subdivision details	C	Comp		Optional

NAD070-010	3229	Country subdivision identifier	C	an	1/9	Required
NAD070-020	1131	Code list identification code	C	an	1/17	Not used
NAD070-030	3055	Code list responsible agency code	C	an	1/3	Not used
NAD070-040	3228	Country subdivision name	C	an	1/70	Not used
NAD080	3251	Postal identification code	C	an	1/17	Optional
NAD090	3207	Country identifier	C	a	2/2	Optional

Example:*NAD+FW+16301610::91'*

Segment Group 3

Pos: 0510	Repeat: 1
Conditional	
Group: 3	Elements: N/A

Loop Path: Group 2

User Option (Usage): Optional

Function: DUNS Number

A group of segments giving references relevant only to the specified party rather than the whole message.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0520	RFF	DUNS Number	M	1	Required

RFF DUNS Number

Pos: 0520	Max: 1
Mandatory	
Group: 3	Elements: 1

Loop Path: Group 2-Group 3

User Option (Usage): Required

Function: 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		Required
RFF010-010	1153	Reference code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		ANK Reference number assigned by third party				
RFF010-020	1154	Reference identifier	C	an	1/70	Required

Segment Group 2

Pos: 0530	Repeat: 1
Conditional	
Group: 2	Elements: N/A

User Option (Usage): Optional

Function: Carrier

A group of segments identifying names, addresses, locations, and required supporting documents relevant to the whole Despatch Advice.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0540	NAD	Carrier	M	1	Required
0550		Segment Group 3	C	1	Optional

NAD Carrier

Pos: 0540	Max: 1
Mandatory	
Group: 2	Elements: 9

Loop Path: Group 2

User Option (Usage): Required

Function: To specify the name/address and their related function.

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 function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		CA Carrier				
NAD020	C082	Party identification details	C	Comp		Required
NAD020-010	3039	Party identifier	M	an	1/35	Required
NAD020-020	1131	Code list identification code	C	an	1/17	Not used
NAD020-030	3055	Code list responsible agency code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		91 Assigned by seller or seller's agent				
		92 Assigned by buyer or buyer's agent				
NAD030	C058	Name and address	C	Comp		Not used
NAD030-010	3124	Name and address description	M	an	1/35	Not used
NAD030-020	3124	Name and address description	C	an	1/35	Not used
NAD030-030	3124	Name and address description	C	an	1/35	Not used
NAD030-040	3124	Name and address description	C	an	1/35	Not used
NAD030-050	3124	Name and address description	C	an	1/35	Not used
NAD040	C080	Party name	C	Comp		Optional
NAD040-010	3036	Party name	M	an	1/35	Required
NAD040-020	3036	Party name	C	an	1/35	Optional
NAD040-030	3036	Party name	C	an	1/35	Not used
NAD040-040	3036	Party name	C	an	1/35	Not used
NAD040-050	3036	Party name	C	an	1/35	Not used
NAD040-060	3045	Party name format code	C	an	1/3	Not used
NAD050	C059	Street	C	Comp		Optional
NAD050-010	3042	Street and number or post office box identifier	M	an	1/35	Required
NAD050-020	3042	Street and number or post office box identifier	C	an	1/35	Optional
NAD050-030	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD050-040	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD060	3164	City name	C	an	1/35	Optional
NAD070	C819	Country subdivision details	C	Comp		Optional

NAD070-010	3229	Country subdivision identifier	C	an	1/9	Required
NAD070-020	1131	Code list identification code	C	an	1/17	Not used
NAD070-030	3055	Code list responsible agency code	C	an	1/3	Not used
NAD070-040	3228	Country subdivision name	C	an	1/70	Not used
NAD080	3251	Postal identification code	C	an	1/17	Optional
NAD090	3207	Country identifier	C	a	2/2	Optional

Example:

NAD+CA+16301610::91'

Segment Group 3

Pos: 0550	Repeat: 1
Conditional	
Group: 3	Elements: N/A

Loop Path: Group 2

User Option (Usage): Optional

Function: DUNS Number

A group of segments giving references relevant only to the specified party rather than the whole message.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0560	RFF	DUNS Number	M	1	Required

RFF DUNS Number

Pos: 0560	Max: 1
Mandatory	
Group: 3	Elements: 1

Loop Path: Group 2-Group 3

User Option (Usage): Required

Function: 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		Required
RFF010-010	1153	Reference code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		ANK Reference number assigned by third party				
RFF010-020	1154	Reference identifier	C	an	1/70	Required

Segment Group 2

Pos: 0570	Repeat: 1
Conditional	
Group: 2	Elements: N/A

User Option (Usage): Optional

Function: Ultimate consumer

A group of segments identifying names, addresses, locations, and required supporting documents relevant to the whole Despatch Advice.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0580	NAD	Ultimate consumer	M	1	Required

NAD Ultimate consumer

Pos: 0580	Max: 1
Mandatory	
Group: 2	Elements: 9

Loop Path: Group 2

User Option (Usage): Required

Function: To specify the name/address and their related function.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
NAD010	3035	Party function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		UD Ultimate customer				
NAD020	C082	Party identification details	C	Comp		Required
NAD020-010	3039	Party identifier	M	an	1/35	Required
NAD020-020	1131	Code list identification code	C	an	1/17	Not used
NAD020-030	3055	Code list responsible agency code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		91 Assigned by seller or seller's agent				
		92 Assigned by buyer or buyer's agent				
NAD030	C058	Name and address	C	Comp		Not used
NAD030-010	3124	Name and address description	M	an	1/35	Not used
NAD030-020	3124	Name and address description	C	an	1/35	Not used
NAD030-030	3124	Name and address description	C	an	1/35	Not used
NAD030-040	3124	Name and address description	C	an	1/35	Not used
NAD030-050	3124	Name and address description	C	an	1/35	Not used
NAD040	C080	Party name	C	Comp		Optional
NAD040-010	3036	Party name	M	an	1/35	Required
NAD040-020	3036	Party name	C	an	1/35	Optional
NAD040-030	3036	Party name	C	an	1/35	Not used
NAD040-040	3036	Party name	C	an	1/35	Not used
NAD040-050	3036	Party name	C	an	1/35	Not used
NAD040-060	3045	Party name format code	C	an	1/3	Not used
NAD050	C059	Street	C	Comp		Optional
NAD050-010	3042	Street and number or post office box identifier	M	an	1/35	Required
NAD050-020	3042	Street and number or post office box identifier	C	an	1/35	Optional
NAD050-030	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD050-040	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD060	3164	City name	C	an	1/35	Optional
NAD070	C819	Country subdivision details	C	Comp		Optional

NAD070-010	3229	Country subdivision identifier	C	an	1/9	Required
NAD070-020	1131	Code list identification code	C	an	1/17	Not used
NAD070-030	3055	Code list responsible agency code	C	an	1/3	Not used
NAD070-040	3228	Country subdivision name	C	an	1/70	Not used
NAD080	3251	Postal identification code	C	an	1/17	Optional
NAD090	3207	Country identifier	C	a	2/2	Optional

Example:

NAD+UD+16301610::91'

Segment Group 5

Pos: 0590	Repeat: 10
Conditional	
Group: 5	Elements: N/A

User Option (Usage): Optional

Function: Terms of delivery

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0600	TOD	Terms of delivery or transport	M	1	Required
0610	LOC	Incoterms place	C	1	Optional
0620	FTX	Terms of delivery - descriptive text	C	5	Optional
0630	FTX	Preference information	C	1	Optional

TOD Terms of delivery or transport

Pos: 0600	Max: 1
Mandatory	
Group: 5	Elements: 3

Loop Path: Group 5

User Option (Usage): Required

Function: To specify terms of delivery or transport.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
TOD010	4055	Delivery or transport terms function code	C	an	1/3	Conditional
		<u>Code</u> <u>Name</u>				
		6 Delivery condition				
TOD020	4215	Transport charges payment method code	C	an	1/3	Not used
TOD030	C100	Terms of delivery or transport	C	Comp		Optional
TOD030-010	4053	Delivery or transport terms description code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		CFR Cost and Freight				
		CIF Cost, Insurance, Freight (... named port of destination)				
		CIP Carriage and Insurance Paid to (... named place of destination)				
		CPT Carriage Paid To (... named place of destination)				
		DAF Delivered At frontier (... named place)				
		DAP Delivered At Place				
		DAT Delivered At Terminal (... named place)				
		DDP Delivered Duty Paid (... named place of destination)				
		DDU Delivered Duty Unpaid (... named place of destination)				
		DEQ Delivered Ex Quay (Duty paid) (... named port of destination)				
		DES Delivered Ex Ship (... named port of destination)				
		EXW Ex Works (... named place)				
		FAS Free Along Ship (... named port of shipment)				
		FCA Free Carrier (... named place)				
		FOA FOB Airport - Named airport of departure				
		FOB Free On Board (... named port of shipment)				

Example:

TOD+6++EXW:::01'

LOC Incoterms place

Pos: 0610	Max: 1
Conditional	
Group: 5	Elements: 2

Loop Path: Group 5

User Option (Usage): Optional

Function: To identify a place or a location and/or related locations.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
LOC010	3227	Location function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		1 Place of terms of delivery				
LOC020	C517	Location identification	C	Comp		Required
LOC020-010	3225	Location identifier	C	an	1/35	Optional
LOC020-020	1131	Code list identification code	C	an	1/17	Not used
LOC020-030	3055	Code list responsible agency code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		6 UN/ECE (United Nations - Economic Commission for Europe)				
		92 Assigned by buyer or buyer's agent				
LOC020-040	3224	Location name	C	an	1/256	Optional

Example:

LOC+1+:::Hamburg'

FTX

Terms of delivery - descriptive text

Pos: 0620	Max: 5
Conditional	
Group: 5	Elements: 5

Loop Path: Group 5

User Option (Usage): Optional

Function: To provide free form or coded text information.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
FTX010	4451	Text subject code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAR Terms of delivery				
FTX020	4453	Free text function code	C	an	1/3	Not used
FTX030	C107	Text reference	C	Comp		Not used
FTX030-010	4441	Free text description code	M	an	1/17	Not used
FTX030-020	1131	Code list identification code	C	an	1/17	Not used
FTX030-030	3055	Code list responsible agency code	C	an	1/3	Not used
FTX040	C108	Text literal	C	Comp		Required
FTX040-010	4440	Free text	M	an	1/256	Required
FTX040-020	4440	Free text	C	an	1/256	Optional
FTX040-030	4440	Free text	C	an	1/256	Optional
FTX040-040	4440	Free text	C	an	1/256	Optional
FTX040-050	4440	Free text	C	an	1/256	Optional
FTX050	3453	Language name code	C	an	1/3	Optional

FTX Preference information

Pos: 0630	Max: 1
Conditional	
Group: 5	Elements: 5

Loop Path: Group 5

User Option (Usage): Optional

Function: To provide free form or coded text information.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
FTX010	4451	Text subject code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		CUS Customs declaration information				
FTX020	4453	Free text function code	C	an	1/3	Not used
FTX030	C107	Text reference	C	Comp		Optional
FTX030-010	4441	Free text description code	M	an	1/17	Not used
FTX030-020	1131	Code list identification code	C	an	1/17	Not used
FTX030-030	3055	Code list responsible agency code	C	an	1/3	Not used
FTX040	C108	Text literal	C	Comp		Required
FTX040-010	4440	Free text	M	an	1/256	Required
FTX040-020	4440	Free text	C	an	1/256	Optional
FTX040-030	4440	Free text	C	an	1/256	Optional
FTX040-040	4440	Free text	C	an	1/256	Optional
FTX040-050	4440	Free text	C	an	1/256	Optional
FTX050	3453	Language name code	C	an	1/3	Optional

Segment Group 6

Pos: 0640	Repeat: 10
Conditional	
Group: 6	Elements: N/A

User Option (Usage): Optional

Function: Means of transport

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0650	TDT	Means of transport	M	1	Required

TDT

Means of transport

Pos: 0650	Max: 1
Mandatory	
Group: 6	Elements: 8

Loop Path: Group 6

User Option (Usage): Required

Function: To specify information regarding the transport such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
TDT010	8051	Transport stage code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		12 At departure				
TDT020	8028	Means of transport journey identifier	C	an	1/17	Optional
TDT030	C220	Mode of transport	C	Comp		Optional
TDT030-010	8067	Transport mode name code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		10 Maritime transport				
		20 Rail transport				
		30 Road transport				
		40 Air transport				
		50 Mail				
		60 Multimodal transport				
		70 Fixed transport installations				
		80 Inland water transport				
TDT030-020	8066	Transport mode name	C	an	1/17	Not used
TDT040	C001	Transport means	C	Comp		Not used
TDT040-010	8179	Transport means description code	C	an	1/8	Required
TDT040-020	1131	Code list identification code	C	an	1/17	Not used
TDT040-030	3055	Code list responsible agency code	C	an	1/3	Not used
TDT040-040	8178	Transport means description	C	an	1/17	Not used
TDT050	C040	Carrier	C	Comp		Not used
TDT050-010	3127	Carrier identifier	C	an	1/17	Not used
TDT050-020	1131	Code list identification code	C	an	1/17	Not used
TDT050-030	3055	Code list responsible agency code	C	an	1/3	Not used
TDT050-040	3126	Carrier name	C	an	1/35	Not used
TDT060	8101	Transit direction indicator code	C	an	1/3	Not used
TDT070	C401	Excess transportation information	C	Comp		Optional
TDT070-010	8457	Excess transportation reason code	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		ZZZ Mutually defined				
TDT070-020	8459	Excess transportation responsibility code	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		X Responsibility to be determined				

TDT070-030	7130	Customer shipment authorisation identifier	C	an	1/17	Required
TDT080	C222	Transport identification	C	Comp		Optional
TDT080-010	8213	Transport means identification name identifier	C	an	1/35	Optional
TDT080-020	1131	Code list identification code	C	an	1/17	Not used
TDT080-030	3055	Code list responsible agency code	C	an	1/3	Optional
TDT080-040	8212	Transport means identification name	C	an	1/70	Not used
TDT080-050	8453	Transport means nationality code	C	a	2/2	Optional

Example:

TDT+12+123456ABC+30++++X'

Segment Group 8

Pos: 0660	Repeat: 10
Conditional	
Group: 8	Elements: N/A

User Option (Usage): Optional

Function: Equipment details

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0670	EQD	Equipment details	M	1	Required
0680	SEL	Seal number	C	25	Optional

EQD Equipment details

Pos: 0670	Max: 1
Mandatory	
Group: 8	Elements: 2

Loop Path: Group 8

User Option (Usage): Required

Function: To identify a unit of equipment.

Element Summary:

Ref	Tag	Element Name		Status	Type	Min/Max	Usage
EQD010	8053	Equipment type code qualifier		M	an	1/3	Required
		<u>Code</u>	<u>Name</u>				
		CN	Container				
		RR	Rail car				
		SW	Swap body				
		TE	Trailer				
EQD020	C237	Equipment identification		C	Comp		Optional
EQD020-010	8260	Equipment identifier		C	an	1/17	Optional

Example:

EQD+CN+ContainerId'

SEL

Seal number

Pos: 0680	Max: 25
Conditional	
Group: 8	Elements: 1

Loop Path: Group 8

User Option (Usage): Optional

Function: To specify the seal number or a range of seal numbers.

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	Transport unit seal identifier	C	an	1/35	Required

Segment Group 10

Pos: 0690	Repeat: 9999
Conditional	
Group: 10	Elements: N/A

User Option (Usage): Required

Function: Despatch control line / List of handling unit groups

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0700	CPS	Consignment packing sequence	M	1	Required
0710		Segment Group 11	C	9999	Optional
0920		Segment Group 11	C	9999	Optional

CPS

Consignment packing sequence

Pos: 0700	Max: 1
Mandatory	
Group: 10	Elements: 3

Loop Path: Group 10

User Option (Usage): Required

Function: To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.

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>
CPS010	7164	Hierarchical structure level identifier	M	n	1/6	Required
CPS020	7166	Hierarchical structure parent identifier	C	an	1/35	Not used
CPS030	7075	Packaging level code	C	an	1/3	Required
		<u>Code</u>		<u>Name</u>		
		2		Intermediate		
		3		Outer		

Example:

CPS+1++3'

Segment Group 11

Pos: 0710	Repeat: 9999
Conditional	
Group: 11	Elements: N/A

Loop Path: Group 10

User Option (Usage): Optional

Function: Handling unit group details

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0720	PAC	Package	M	1	Required
0730	MEA	Length	C	1	Optional
0740	MEA	Width	C	1	Optional
0750	MEA	Height	C	1	Optional
0760	MEA	Maximum stacking weight	C	1	Optional
0770	MEA	Package volume	C	1	Optional
0780	QTY	Maximum stackability	C	1	Optional
0790	QTY	Actual quantity per package	C	1	Dependent
0800		Segment Group 13	C	1000	Optional

PAC Package

Pos: 0720	Max: 1
Group: 11	Elements: 4

Loop Path: Group 10-Group 11

User Option (Usage): Required

Function: To describe the number and type of packages/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>
PAC010	7224	Package quantity	C	n	1/6	Required
PAC020	C531	Packaging details	C	Comp		Required
PAC020-010	7075	Packaging level code	C	an	1/3	Not used
PAC020-020	7233	Packaging related description code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		35 Type of package				
PAC020-030	7073	Packaging terms and conditions code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		AAA One way packaging, supplier pays				
		AAB One way packaging, customer pays				
		AAC Customer's returnable package item				
		AAD returnable packaging owned by supplier				
		AAE returnable packaging owned by service provider				
PAC030	C202	Package type	C	Comp		Required
PAC030-010	7065	Package type description code	C	an	1/17	Required
PAC030-020	1131	Code list identification code	C	an	1/17	Not used
PAC030-030	3055	Code list responsible agency code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		92 Assigned by buyer or buyer's agent				
PAC030-040	7064	Type of packages	C	an	1/35	Not used
PAC040	C402	Package type identification	C	Comp		Optional
PAC040-010	7077	Description format code	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		X Semi-structured (code + text)				
PAC040-020	7064	Type of packages	M	an	1/35	Required
PAC040-030	7143	Item type identification code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		SA Supplier's article number				
PAC040-040	7064	Type of packages	C	an	1/35	Optional

Example:

PAC+1+:35:AAA+KLT6428::92'

MEA Length

Pos: 0730	Max: 1
Conditional	
Group: 11	Elements: 3

Loop Path: Group 10-Group 11

User Option (Usage): Optional

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MEA010	6311	Measurement purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAZ Handling unit measurement				
MEA020	C502	Measurement details	C	Comp		Required
MEA020-010	6313	Measured attribute code	C	an	1/3	Conditional
		<u>Code</u> <u>Name</u>				
		LN Length				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Not used
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Required
MEA030-010	6411	Measurement unit code	M	an	1/8	Required
		<u>Code</u> <u>Name</u>				
		MMT millimetre				
MEA030-020	6314	Measure	C	n	1/5	Required
		Description: Length				

Example:

MEA+AAZ+LN+MMT:9'

MEA Width

Pos: 0740	Max: 1
Conditional	
Group: 11	Elements: 3

Loop Path: Group 10-Group 11

User Option (Usage): Optional

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MEA010	6311	Measurement purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAZ Handling unit measurement				
MEA020	C502	Measurement details	C	Comp		Required
MEA020-010	6313	Measured attribute code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		WD Width dimension				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Not used
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Required
MEA030-010	6411	Measurement unit code	M	an	1/8	Required
		<u>Code</u> <u>Name</u>				
		MMT millimetre				
MEA030-020	6314	Measure	C	an	1/12	Required
		Description: Width				

Example:

MEA+AAZ+WD+MMT:9'

MEA Height

Pos: 0750	Max: 1
Conditional	
Group: 11	Elements: 3

Loop Path: Group 10-Group 11

User Option (Usage): Optional

Function: 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 purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAZ Handling unit measurement				
MEA020	C502	Measurement details	C	Comp		Required
MEA020-010	6313	Measured attribute code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		HT Height dimension				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Not used
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Required
MEA030-010	6411	Measurement unit code	M	an	1/8	Required
		<u>Code</u> <u>Name</u>				
		MMT millimetre				
MEA030-020	6314	Measure	C	an	1/5	Required
		Description: Height				

Example:

MEA+AAZ+HT+MMT:9'

MEA Maximum stacking weight

Pos: 0760	Max: 1
Conditional	
Group: 11	Elements: 3

Loop Path: Group 10-Group 11

User Option (Usage): Optional

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MEA010	6311	Measurement purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		ABR Certified weight				
MEA020	C502	Measurement details	C	Comp		Required
MEA020-010	6313	Measured attribute code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AFE Maximum stacking weight				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Not used
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Required
MEA030-010	6411	Measurement unit code	M	an	1/8	Required
		<u>Code</u> <u>Name</u>				
		KGM kilogram				
MEA030-020	6314	Measure	C	n	1/12	Required
		Description: Max. load bearing capacity				

Example:

MEA+ABR+AFE+KGM:2000'

MEA Package volume

Pos: 0770	Max: 1
Conditional	
Group: 11	Elements: 3

Loop Path: Group 10-Group 11

User Option (Usage): Optional

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MEA010	6311	Measurement purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAZ Handling unit measurement				
MEA020	C502	Measurement details	C	Comp		Required
MEA020-010	6313	Measured attribute code	C	an	1/3	Conditional
		<u>Code</u> <u>Name</u>				
		ABJ Volume				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Not used
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Conditional
MEA030-010	6411	Measurement unit code	M	an	1/8	Required
		<u>Code</u> <u>Name</u>				
		DMQ cubic decimetre				
		MTQ cubic metre				
MEA030-020	6314	Measure	C	an	1/18	Conditional
		Description: Volume				

Example:

MEA+AAZ+ABJ+DMQ:9'

QTY Maximum stackability

Pos: 0780	Max: 1
Conditional	
Group: 11	Elements: 1

Loop Path: Group 10-Group 11

User Option (Usage): Optional

Function: To specify a pertinent quantity.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
QTY010	C186	Quantity details	M	Comp		Required
QTY010-010	6063	Quantity type code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		171 Maximum stackability				
QTY010-020	6060	Quantity	M	an	1/35	Required
QTY010-030	6411	Measurement unit code	C	an	1/8	Optional

Description:
referring to UN/ECE Rec. 20

Magna Usage:

- . C62 - one
- . PCE - piece
- . KGM - kilogram
- . LTR - litre
- . MTR - metre
- . MTQ - cubic metre

Example:

QTY+171:3:C62'

QTY Actual quantity per package

Pos: 0790	Max: 1
Conditional	
Group: 11	Elements: 1

Loop Path: Group 10-Group 11

User Option (Usage): Dependent

Function: To specify a pertinent quantity.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
QTY010	C186	Quantity details	M	Comp		Required
QTY010-010	6063	Quantity type code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		189 Number of packages in handling unit				
QTY010-020	6060	Quantity	M	an	1/35	Required
QTY010-030	6411	Measurement unit code	C	an	1/8	Optional
		Description: <i>referring to UN/ECE Rec. 20</i> Magna Usage: . C62 - one . PCE - piece . KGM - kilogram . LTR - litre . MTR - metre . MTQ - cubic metre				
		<u>Code</u> <u>Name</u>				
		C62 one				
		PCE piece				

Example:

QTY+189:5:PCE'

Segment Group 13

Pos: 0800	Repeat: 1000
	Conditional
Group: 13	Elements: N/A

Loop Path: Group 10-Group 11

User Option (Usage): Optional

Function: List of individual handling units

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0810	PCI	Package identification	M	1	Required
0820		Segment Group 15	C	99	Dependent
0840		Segment Group 15	C	99	Optional
0860		Segment Group 15	C	99	Optional
0880		Segment Group 16	C	99	Optional

PCI Package identification

Pos: 0810	Max: 1
Mandatory	
Group: 13	Elements: 4

Loop Path: Group 10-Group 11-Group 13

User Option (Usage): Required

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PCI010	4233	Marking instructions code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		17 Seller's instructions				
PCI020	C210	Marks & Labels	C	Comp		Optional
PCI020-010	7102	Shipping marks description	M	an	1/35	Required
PCI020-020	7102	Shipping marks description	C	an	1/35	Optional
PCI020-030	7102	Shipping marks description	C	an	1/35	Optional
PCI020-040	7102	Shipping marks description	C	an	1/35	Optional
PCI020-050	7102	Shipping marks description	C	an	1/35	Optional
PCI020-060	7102	Shipping marks description	C	an	1/35	Optional
PCI020-070	7102	Shipping marks description	C	an	1/35	Optional
PCI020-080	7102	Shipping marks description	C	an	1/35	Optional
PCI020-090	7102	Shipping marks description	C	an	1/35	Optional
PCI020-100	7102	Shipping marks description	C	an	1/35	Optional
PCI030	8169	Full or empty indicator code	C	an	1/3	Not used
PCI040	C827	Type of marking	C	Comp		Optional
PCI040-010	7511	Marking type code	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		5J Unique license plate number assigned to a mixed load				
		6J Unique license plate number assigned to a master load				
PCI040-020	1131	Code list identification code	C	an	1/17	Not used
PCI040-030	3055	Code list responsible agency code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		5 ISO (International Organization for Standardization)				

Example:

PCI+17+++6J::5'

Segment Group 15

Pos: 0820	Repeat: 99
Conditional	
Group: 15	Elements: N/A

Loop Path: Group 10-Group 11-Group 13

User Option (Usage): Dependent

Function: Individual handling unit's transport label number

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0830	GIN	Individual handling unit's transport label number	M	1	Required

GIN

Individual handling unit's transport label number

Pos: 0830	Max: 1
Mandatory	
Group: 15	Elements: 2

Loop Path: Group 10-Group 11-Group 13-Group 15

User Option (Usage): Required

Function: To give specific identification numbers, either as single numbers or ranges.

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>
GIN010	7405	Object identification code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		BU Package buyer assigned identifier				
		ML Marking/label number				
GIN020	C208	Identity number range	M	Comp		Required
GIN020-010	7402	Object identifier	M	an	1/17	Required

Example:

GIN+ML+Transportlabel'

Segment Group 15

Pos: 0840	Repeat: 99
Conditional	
Group: 15	Elements: N/A

Loop Path: Group 10-Group 11-Group 13

User Option (Usage): Optional

Function: Individual packaging item's label numbers

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0850	GIN	Individual packaging item's label numbers	M	1	Required

GIN

Individual packaging item's label numbers

Pos: 0850	Max: 1
Mandatory	
Group: 15	Elements: 6

Loop Path: Group 10-Group 11-Group 13-Group 15

User Option (Usage): Required

Function: To give specific identification numbers, either as single numbers or ranges.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
GIN010	7405	Object identification code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AW Serial shipping container code				
GIN020	C208	Identity number range	M	Comp		Required
GIN020-010	7402	Object identifier	M	an	1/35	Required
GIN020-020	7402	Object identifier	C	an	1/35	Not used
GIN030	C208	Identity number range	C	Comp		Optional
GIN030-010	7402	Object identifier	M	an	1/35	Optional
		Description: see 7402#1				
GIN030-020	7402	Object identifier	C	an	1/35	Not used
GIN040	C208	Identity number range	C	Comp		Optional
GIN040-010	7402	Object identifier	M	an	1/35	Optional
		Description: see 7402#1				
GIN040-020	7402	Object identifier	C	an	1/35	Not used
GIN050	C208	Identity number range	C	Comp		Optional
GIN050-010	7402	Object identifier	M	an	1/35	Optional
		Description: see 7402#1				
GIN050-020	7402	Object identifier	C	an	1/35	Not used
GIN060	C208	Identity number range	C	Comp		Optional
GIN060-010	7402	Object identifier	M	an	1/35	Optional
		Description: see 7402#1				
GIN060-020	7402	Object identifier	C	an	1/35	Not used

Example:

GIN+AW+Packaging ID+Packaging ID'

Segment Group 15

Pos: 0860	Repeat: 99
Conditional	
Group: 15	Elements: N/A

Loop Path: Group 10-Group 11-Group 13

User Option (Usage): Optional

Function: Continuous rack number

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0870	GIN	Serial number	M	1	Required

GIN

Serial number

Pos: 0870	Max: 1
Mandatory	
Group: 15	Elements: 6

Loop Path: Group 10-Group 11-Group 13-Group 15

User Option (Usage): Required

Function: To give specific identification numbers, either as single numbers or ranges.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
GIN010	7405	Object identification code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		BN Serial number				
GIN020	C208	Identity number range	M	Comp		Required
GIN020-010	7402	Object identifier	M	an	1/35	Required
GIN020-020	7402	Object identifier	C	an	1/35	Dependent
GIN030	C208	Identity number range	C	Comp		Optional
GIN030-010	7402	Object identifier	M	an	1/35	Required
GIN030-020	7402	Object identifier	C	an	1/35	Dependent
GIN040	C208	Identity number range	C	Comp		Conditional
GIN040-010	7402	Object identifier	M	an	1/35	Required
GIN040-020	7402	Object identifier	C	an	1/35	Dependent
GIN050	C208	Identity number range	C	Comp		Conditional
GIN050-010	7402	Object identifier	M	an	1/35	Required
GIN050-020	7402	Object identifier	C	an	1/35	Dependent
GIN060	C208	Identity number range	C	Comp		Dependent
GIN060-010	7402	Object identifier	M	an	1/35	Required
GIN060-020	7402	Object identifier	C	an	1/35	Dependent

Example:

GIN+BN+146276711'

Segment Group 16

Pos: 0880	Repeat: 99
Conditional	
Group: 16	Elements: N/A

Loop Path: Group 10-Group 11-Group 13

User Option (Usage): Optional

Function: Individual handling unit's weights

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0890	COD	Component details	M	1	Required
0900	MEA	Gross weight	C	9	Optional
0910	MEA	Net weight	C	9	Optional

COD

Component details

Pos: 0890	Max: 1
Mandatory	
Group: 16	Elements: 1

Loop Path: Group 10-Group 11-Group 13-Group 16

User Option (Usage): Required

Function: To provide component details of an object (e.g. product, container) such as its type and the material of which it is composed.
To be used as trigger 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>
COD010	C823	Type of unit/component	C	Comp		Required
COD010-010	7505	Unit or component type description code	C	an	1/3	Required

Example:

COD+NO'

MEA Gross weight

Pos: 0900	Max: 9
Conditional	
Group: 16	Elements: 3

Loop Path: Group 10-Group 11-Group 13-Group 16

User Option (Usage): Optional

Function: 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 purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAZ Handling unit measurement				
MEA020	C502	Measurement details	C	Comp		Required
MEA020-010	6313	Measured attribute code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAB Goods item gross weight				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Not used
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Required
MEA030-010	6411	Measurement unit code	M	an	1/8	Required
MEA030-020	6314	Measure	C	an	1/18	Required

Example:

MEA+AAZ+AAB+KGM:9'

MEA Net weight

Pos: 0910	Max: 9
Conditional	
Group: 16	Elements: 3

Loop Path: Group 10-Group 11-Group 13-Group 16

User Option (Usage): Optional

Function: 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 purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAZ Handling unit measurement				
MEA020	C502	Measurement details	C	Comp		Required
MEA020-010	6313	Measured attribute code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAA Net weight				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Not used
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Required
MEA030-010	6411	Measurement unit code	M	an	1/8	Required
MEA030-020	6314	Measure	C	an	1/18	Required

Example:

MEA+AAZ+AAA+KGM:9'

Segment Group 11

Pos: 0920	Repeat: 9999
Conditional	
Group: 11	Elements: N/A

Loop Path: Group 10

User Option (Usage): Optional

Function: Additional packaging / co-pack

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0930	PAC	Package	M	1	Required
0940	MEA	Gross weight	C	1	Optional
0950	MEA	Length	C	1	Optional
0960	MEA	Width	C	1	Optional
0970	MEA	Height	C	1	Optional

PAC Package

Pos: 0930	Max: 1
Group: 11	Elements: 4

Loop Path: Group 10-Group 11

User Option (Usage): Required

Function: To describe the number and type of packages/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>
PAC010	7224	Package quantity	C	n	1/8	Optional
PAC020	C531	Packaging details	C	Comp		Required
PAC020-010	7075	Packaging level code	C	an	1/3	Not used
PAC020-020	7233	Packaging related description code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		37 Package protection				
PAC020-030	7073	Packaging terms and conditions code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		AAA One way packaging, supplier pays				
		AAB One way packaging, customer pays				
		AAC Customer's returnable package item				
		AAD returnable packaging owned by supplier				
		AAE returnable packaging owned by service provider				
PAC030	C202	Package type	C	Comp		Optional
PAC030-010	7065	Package type description code	C	an	1/17	Required
PAC030-020	1131	Code list identification code	C	an	1/17	Not used
PAC030-030	3055	Code list responsible agency code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		92 Assigned by buyer or buyer's agent				
PAC040	C402	Package type identification	C	Comp		Optional
PAC040-010	7077	Description format code	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		C Code (from industry code list)				
PAC040-020	7064	Type of packages	M	an	1/35	Required
PAC040-030	7143	Item type identification code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		SA Supplier's article number				

Example:

PAC+1+:37:7+CODE::10'

MEA Gross weight

Pos: 0940	Max: 1
Conditional	
Group: 11	Elements: 3

Loop Path: Group 10-Group 11

User Option (Usage): Optional

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MEA010	6311	Measurement purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAY Package measurement				
MEA020	C502	Measurement details	C	Comp		Required
MEA020-010	6313	Measured attribute code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		G Gross weight				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Not used
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Required
MEA030-010	6411	Measurement unit code	M	an	1/8	Required
		<u>Code</u> <u>Name</u>				
		KGM kilogram				
MEA030-020	6314	Measure	C	an	1/18	Required
		Description: Weight of packaging aid				

Example:

MEA+AAY+G+KGM:1000'

MEA Length

Pos: 0950	Max: 1
Conditional	
Group: 11	Elements: 3

Loop Path: Group 10-Group 11

User Option (Usage): Optional

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MEA010	6311	Measurement purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAY Package measurement				
MEA020	C502	Measurement details	C	Comp		Required
MEA020-010	6313	Measured attribute code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		LN Length				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Not used
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Required
MEA030-010	6411	Measurement unit code	M	an	1/8	Required
		<u>Code</u> <u>Name</u>				
		MMT millimetre				
MEA030-020	6314	Measure	C	n	1/5	Required
		Description: Length				

Example:

MEA+AAY+LN+CMT:100'

MEA Width

Pos: 0960	Max: 1
Group: 11	Elements: 3

Loop Path: Group 10-Group 11

User Option (Usage): Optional

Function: 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 purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAY Package measurement				
MEA020	C502	Measurement details	C	Comp		Required
MEA020-010	6313	Measured attribute code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		WD Width dimension				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Not used
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Required
MEA030-010	6411	Measurement unit code	M	an	1/8	Required
		<u>Code</u> <u>Name</u>				
		MMT millimetre				
MEA030-020	6314	Measure	C	n	1/12	Required
		Description: <i>Width</i>				

Example:

MEA+AAY+WD+MTR:1.0'

MEA Height

Pos: 0970	Max: 1
Group: 11	Elements: 3

Loop Path: Group 10-Group 11

User Option (Usage): Optional

Function: 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 purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAY Package measurement				
MEA020	C502	Measurement details	C	Comp		Required
MEA020-010	6313	Measured attribute code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		HT Height dimension				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Optional
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Required
MEA030-010	6411	Measurement unit code	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		MMT millimetre				
MEA030-020	6314	Measure	C	n	1/5	Required
		Description: Height				

Example:

MEA+AAY+HT+MTR:1.2'

Segment Group 10

Pos: 0980	Repeat: 9999
Conditional	
Group: 10	Elements: N/A

User Option (Usage): Required

Function: Despatch control line / group of inner packaging items and article line

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0990	CPS	Consignment packing sequence	M	1	Required
1000		Segment Group 11	C	9999	Optional
1280		Segment Group 11	C	9999	Optional
1340		Segment Group 17	C	9999	Required

CPS

Consignment packing sequence

Pos: 0990	Max: 1
Mandatory	
Group: 10	Elements: 3

Loop Path: Group 10

User Option (Usage): Required

Function: To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.

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>
CPS010	7164	Hierarchical structure level identifier	M	n	1/6	Required
CPS020	7166	Hierarchical structure parent identifier	C	an	1/35	Not used
CPS030	7075	Packaging level code	C	an	1/3	Required
		<u>Code</u>		<u>Name</u>		
		1		Inner		
		4		No packaging hierarchy		

Example:

CPS+2++4'

Segment Group 11

Pos: 1000	Repeat: 9999
Conditional	
Group: 11	Elements: N/A

Loop Path: Group 10
User Option (Usage): Optional
Function: Package

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1010	PAC	Package	M	1	Required
1020	MEA	Gross weight	C	1	Optional
1030	MEA	Net weight	C	1	Optional
1040	MEA	Length	C	1	Optional
1050	MEA	Width	C	1	Optional
1060	MEA	Height	C	1	Optional
1070	MEA	Package volume	C	1	Optional
1080	QTY	Maximum stackability	C	1	Optional
1090	QTY	Actual quantity per package	C	1	Optional
1100		Segment Group 13	C	1000	Optional

PAC Package

Pos: 1010	Max: 1
Group: 11	Elements: 4

Loop Path: Group 10-Group 11

User Option (Usage): Required

Function: To describe the number and type of packages/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>
PAC010	7224	Package quantity	C	n	1/6	Required
PAC020	C531	Packaging details	C	Comp		Required
PAC020-010	7075	Packaging level code	C	an	1/3	Not used
PAC020-020	7233	Packaging related description code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		35 Type of package				
PAC020-030	7073	Packaging terms and conditions code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		AAA One way packaging, supplier pays				
		AAB One way packaging, customer pays				
		AAC Customer's returnable package item				
		AAD returnable packaging owned by supplier				
		AAE returnable packaging owned by service provider				
PAC030	C202	Package type	C	Comp		Required
PAC030-010	7065	Package type description code	C	an	1/17	Required
PAC030-020	1131	Code list identification code	C	an	1/17	Not used
PAC030-030	3055	Code list responsible agency code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		92 Assigned by buyer or buyer's agent				
PAC030-040	7064	Type of packages	C	an	1/35	Not used
PAC040	C402	Package type identification	C	Comp		Optional
PAC040-010	7077	Description format code	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		X Semi-structured (code + text)				
PAC040-020	7064	Type of packages	M	an	1/35	Required
PAC040-030	7143	Item type identification code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		SA Supplier's article number				
PAC040-040	7064	Type of packages	C	an	1/35	Optional

Example:

PAC+1+:35:AAA+KLT6428::92'

MEA Gross weight

Pos: 1020	Max: 1
Group: 11	Elements: 3

Loop Path: Group 10-Group 11

User Option (Usage): Optional

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MEA010	6311	Measurement purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAY Package measurement				
MEA020	C502	Measurement details	C	Comp		Required
MEA020-010	6313	Measured attribute code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		G Gross weight				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Not used
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Required
MEA030-010	6411	Measurement unit code	M	an	1/8	Required
		<u>Code</u> <u>Name</u>				
		KGM kilogram				
MEA030-020	6314	Measure	C	an	1/18	Required
		Description: Gross weight - weight (mass) without carrier's equipment				

Example:

MEA+AAY+G+KGM:1000'

MEA Net weight

Pos: 1030	Max: 1
Conditional	
Group: 11	Elements: 3

Loop Path: Group 10-Group 11

User Option (Usage): Optional

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MEA010	6311	Measurement purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAY Package measurement				
MEA020	C502	Measurement details	C	Comp		Required
MEA020-010	6313	Measured attribute code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAL Net weight				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Optional
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Required
MEA030-010	6411	Measurement unit code	M	an	1/8	Required
		<u>Code</u> <u>Name</u>				
		KGM kilogram				
MEA030-020	6314	Measure	C	an	1/18	Required
		Description: Weight (mass) or products				

Example:

MEA+AAY+AAL+KGM:990'

MEA Length

Pos: 1040	Max: 1
Conditional	
Group: 11	Elements: 3

Loop Path: Group 10-Group 11

User Option (Usage): Optional

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MEA010	6311	Measurement purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAZ Handling unit measurement				
MEA020	C502	Measurement details	C	Comp		Required
MEA020-010	6313	Measured attribute code	C	an	1/3	Conditional
		<u>Code</u> <u>Name</u>				
		LN Length				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Not used
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Required
MEA030-010	6411	Measurement unit code	M	an	1/8	Required
		<u>Code</u> <u>Name</u>				
		MMT millimetre				
MEA030-020	6314	Measure	C	n	1/5	Required
		Description: Length				

Example:

MEA+AAZ+LN+MMT:9'

MEA Width

Pos: 1050	Max: 1
Conditional	
Group: 11	Elements: 3

Loop Path: Group 10-Group 11

User Option (Usage): Optional

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MEA010	6311	Measurement purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAZ Handling unit measurement				
MEA020	C502	Measurement details	C	Comp		Required
MEA020-010	6313	Measured attribute code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		WD Width dimension				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Not used
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Required
MEA030-010	6411	Measurement unit code	M	an	1/8	Required
		<u>Code</u> <u>Name</u>				
		MMT millimetre				
MEA030-020	6314	Measure	C	an	1/12	Required
		Description: Width				

Example:

MEA+AAZ+WD+MMT:9'

MEA Height

Pos: 1060	Max: 1
Conditional	
Group: 11	Elements: 3

Loop Path: Group 10-Group 11

User Option (Usage): Optional

Function: 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 purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAY Package measurement				
MEA020	C502	Measurement details	C	Comp		Required
MEA020-010	6313	Measured attribute code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		HT Height dimension				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Not used
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Required
MEA030-010	6411	Measurement unit code	M	an	1/8	Required
		<u>Code</u> <u>Name</u>				
		MMT millimetre				
MEA030-020	6314	Measure	C	an	1/5	Required
		Description: Height				

Example:

MEA+AAZ+HT+MMT:9'

MEA Package volume

Pos: 1070	Max: 1
Conditional	
Group: 11	Elements: 3

Loop Path: Group 10-Group 11

User Option (Usage): Optional

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MEA010	6311	Measurement purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAZ Handling unit measurement				
MEA020	C502	Measurement details	C	Comp		Required
MEA020-010	6313	Measured attribute code	C	an	1/3	Conditional
		<u>Code</u> <u>Name</u>				
		ABJ Volume				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Not used
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Conditional
MEA030-010	6411	Measurement unit code	M	an	1/8	Required
		<u>Code</u> <u>Name</u>				
		DMQ cubic decimetre				
		MTQ cubic metre				
MEA030-020	6314	Measure	C	an	1/18	Conditional
		Description: Volume				

Example:

MEA+AAZ+ABJ+DMQ:9'

QTY Maximum stackability

Pos: 1080	Max: 1
Conditional	
Group: 11	Elements: 1

Loop Path: Group 10-Group 11

User Option (Usage): Optional

Function: To specify a pertinent quantity.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
QTY010	C186	Quantity details	M	Comp		Required
QTY010-010	6063	Quantity type code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		171 Maximum stackability				
QTY010-020	6060	Quantity	M	an	1/35	Required
QTY010-030	6411	Measurement unit code	C	an	1/8	Optional

Description:
referring to UN/ECE Rec. 20

Magna Usage:

- . C62 - one
- . PCE - piece
- . KGM - kilogram
- . LTR - litre
- . MTR - metre
- . MTQ - cubic metre

Example:

QTY+171:3:C62'

QTY Actual quantity per package

Pos: 1090	Max: 1
Conditional	
Group: 11	Elements: 1

Loop Path: Group 10-Group 11

User Option (Usage): Optional

Function: To specify a pertinent quantity.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
QTY010	C186	Quantity details	M	Comp		Required
QTY010-010	6063	Quantity type code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		52 Quantity per pack				
		189 Number of packages in handling unit				
QTY010-020	6060	Quantity	M	an	1/35	Required
QTY010-030	6411	Measurement unit code	C	an	1/8	Optional
		Description: referring to UN/ECE Rec. 20				
		Magna Usage:				
		. C62 - one				
		. PCE - piece				
		. KGM - kilogram				
		. LTR - litre				
		. MTR - metre				
		. MTQ - cubic metre				
		<u>Code</u> <u>Name</u>				
		C62 one				
		PCE piece				

Example:

QTY+189:5:PCE'

Segment Group 13

Pos: 1100	Repeat: 1000
Conditional	
Group: 13	Elements: N/A

Loop Path: Group 10-Group 11

User Option (Usage): Optional

Function: List of individual package items

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1110	PCI	Package identification	M	1	Required
1120	DTM	Requested delivery date	C	1	Optional
1130		Segment Group 14	C	10	Dependent
1150		Segment Group 14	C	1	Optional
1180		Segment Group 15	C	99	Optional
1200		Segment Group 15	C	99	Optional
1220		Segment Group 15	C	99	Optional
1240		Segment Group 15	C	99	Optional
1260		Segment Group 15	C	99	Optional

PCI

Package identification

Pos: 1110	Max: 1
Mandatory	
Group: 13	Elements: 4

Loop Path: Group 10-Group 11-Group 13

User Option (Usage): Required

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PCI010	4233	Marking instructions code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		17 Seller's instructions				
PCI020	C210	Marks & Labels	C	Comp		Optional
PCI020-010	7102	Shipping marks description	M	an	1/35	Required
PCI020-020	7102	Shipping marks description	C	an	1/35	Optional
PCI020-030	7102	Shipping marks description	C	an	1/35	Optional
PCI020-040	7102	Shipping marks description	C	an	1/35	Optional
PCI020-050	7102	Shipping marks description	C	an	1/35	Optional
PCI020-060	7102	Shipping marks description	C	an	1/35	Optional
PCI020-070	7102	Shipping marks description	C	an	1/35	Optional
PCI020-080	7102	Shipping marks description	C	an	1/35	Optional
PCI020-090	7102	Shipping marks description	C	an	1/35	Optional
PCI020-100	7102	Shipping marks description	C	an	1/35	Optional
PCI030	8169	Full or empty indicator code	C	an	1/3	Not used
PCI040	C827	Type of marking	C	Comp		Optional
PCI040-010	7511	Marking type code	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		1J Unique license plate number lowest package level				
		5J Unique license plate number assigned to a mixed load				
		6J Unique license plate number assigned to a master load				
PCI040-020	1131	Code list identification code	C	an	1/17	Not used
PCI040-030	3055	Code list responsible agency code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		5 ISO (International Organization for Standardization)				

Example:

PCI+17+++6J::5'

DTM Requested delivery date

Pos: 1120	Max: 1
Conditional	
Group: 13	Elements: 1

Loop Path: Group 10-Group 11-Group 13

User Option (Usage): Optional

Function: 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		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		2 Delivery date/time, requested				
DTM010-020	2380	Date or time or period text	C	n	1/12	Required
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Segment Group 14

Pos: 1130	Repeat: 10
Conditional	
Group: 14	Elements: N/A

Loop Path: Group 10-Group 11-Group 13

User Option (Usage): Dependent

Function: Vehicle reference data e.g. for JIS deliveries

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1140	GIR	Manufacturing reference number and other relevant attributes of the vehicle	M	1	Required

GIR

Manufacturing reference number and other relevant attributes of the vehicle

Pos: 1140	Max: 1
Mandatory	
Group: 14	Elements: 6

Loop Path: Group 10-Group 11-Group 13-Group 14

User Option (Usage): Required

Function: To specify a related set of identification numbers.

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>
GIR010	7297	Set type code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		4 Vehicle reference set				
GIR020	C206	Identification number	M	Comp		Required
GIR020-010	7402	Object identifier	M	an	1/35	Required
GIR020-020	7405	Object identification code qualifier	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AN Manufacturing reference number				
		AP Product				
		VV Vehicle identity number				
		XA JIS call-off group				
		XB Model year				
		XC Special colour				
		XD Individual text or code (e.g. exhibition, press, ...)				
		XE Pilot series ID				
		XF Interior configuration key				
		XG Parameter string (e.g. for adjustment of axles)				
		XH Re-order key or complaint ID				
		XI Internal vehicle call-off number				
		XJ Wheels at delivery specification				
		XK Change index of the changes to the original manufacturing order (original order =1)				
		XL Consecutive message number				
		XM Consecutive call-off number				
		XN Assembly line ID				
		XO Sequence number				
GIR020-030	4405	Status description code	C	an	1/3	Not used
GIR030	C206	Identification number	C	Comp		Optional
GIR030-010	7402	Object identifier	M	an	1/35	Required
		Description: see 7402#1				
GIR030-020	7405	Object identification code qualifier	C	an	1/3	Required
		Description: see 7405#1				
GIR040	C206	Identification number	C	Comp		Optional
GIR040-010	7402	Object identifier	M	an	1/35	Required
		Description: see 7402#1				
GIR040-020	7405	Object identification code qualifier	C	an	1/3	Required

		Description: see 7405#1				
GIR050	C206	Identification number	C	Comp		Optional
GIR050-010	7402	Object identifier	M	an	1/35	Required
		Description: see 7402#1				
GIR050-020	7405	Object identification code qualifier	C	an	1/3	Required
		Description: see 7405#1				
GIR060	C206	Identification number	C	Comp		Optional
GIR060-010	7402	Object identifier	M	an	1/35	Required
		Description: see 7402#1				
GIR060-020	7405	Object identification code qualifier	C	an	1/3	Required
		Description: see 7405#1				

Example:

GIR+4+1258:AN'

Segment Group 14

Pos: 1150	Repeat: 1
Conditional	
Group: 14	Elements: N/A

Loop Path: Group 10-Group 11-Group 13

User Option (Usage): Optional

Function: Batch number, production / best before date

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1160	GIR	Batch number	M	1	Required
1170	DTM	Manufacturing date	C	3	Dependent

GIR

Batch number

Pos: 1160	Max: 1
Mandatory	
Group: 14	Elements: 2

Loop Path: Group 10-Group 11-Group 13-Group 14

User Option (Usage): Required

Function: To specify a related set of identification numbers.

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>
GIR010	7297	Set type code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		1 Product				
GIR020	C206	Identification number	M	Comp		Required
GIR020-010	7402	Object identifier	M	an	1/35	Required
GIR020-020	7405	Object identification code qualifier	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		BX Batch number				
GIR020-030	4405	Status description code	C	an	1/3	Not used

DTM Manufacturing date

Pos: 1170	Max: 3
Conditional	
Group: 14	Elements: 1

Loop Path: Group 10-Group 11-Group 13-Group 14

User Option (Usage): Dependent

Function: 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		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		36 Expiry date				
		94 Production/manufacture date				
		361 Product best before date time				
DTM010-020	2380	Date or time or period text	C	n	1/12	Required
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Segment Group 15

Pos: 1180	Repeat: 99
Conditional	
Group: 15	Elements: N/A

Loop Path: Group 10-Group 11-Group 13

User Option (Usage): Optional

Function: Individual packaging item's label numbers

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1190	GIN	Individual packaging item's label numbers	M	1	Required

GIN

Individual packaging item's label numbers

Pos: 1190	Max: 1
Mandatory	
Group: 15	Elements: 6

Loop Path: Group 10-Group 11-Group 13-Group 15

User Option (Usage): Required

Function: To give specific identification numbers, either as single numbers or ranges.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
GIN010	7405	Object identification code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		ML Marking/label number				
GIN020	C208	Identity number range	M	Comp		Required
GIN020-010	7402	Object identifier	M	an	1/35	Required
GIN020-020	7402	Object identifier	C	an	1/35	Not used
GIN030	C208	Identity number range	C	Comp		Optional
GIN030-010	7402	Object identifier	M	an	1/35	Required
GIN030-020	7402	Object identifier	C	an	1/35	Not used
GIN040	C208	Identity number range	C	Comp		Optional
GIN040-010	7402	Object identifier	M	an	1/35	Required
GIN040-020	7402	Object identifier	C	an	1/35	Not used
GIN050	C208	Identity number range	C	Comp		Optional
GIN050-010	7402	Object identifier	M	an	1/35	Required
GIN050-020	7402	Object identifier	C	an	1/35	Not used
GIN060	C208	Identity number range	C	Comp		Optional
GIN060-010	7402	Object identifier	M	an	1/35	Required
GIN060-020	7402	Object identifier	C	an	1/35	Not used

Example:

GIN+ML+0122445'

Segment Group 15

Pos: 1200	Repeat: 99
Conditional	
Group: 15	Elements: N/A

Loop Path: Group 10-Group 11-Group 13

User Option (Usage): Optional

Function: Canban ID

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1210	GIN	Canban ID	M	1	Required

GIN

Canban ID

Pos: 1210	Max: 1
Mandatory	
Group: 15	Elements: 6

Loop Path: Group 10-Group 11-Group 13-Group 15

User Option (Usage): Required

Function: To give specific identification numbers, either as single numbers or ranges.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
GIN010	7405	Object identification code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AL Kanban card identifier				
GIN020	C208	Identity number range	M	Comp		Required
GIN020-010	7402	Object identifier	M	an	1/35	Required
		Description: Unique ID of a kanban card.				
GIN020-020	7402	Object identifier	C	an	1/35	Not used
GIN030	C208	Identity number range	M	Comp		Optional
GIN030-010	7402	Object identifier	M	an	1/35	Required
GIN030-020	7402	Object identifier	C	an	1/35	Not used
GIN040	C208	Identity number range	M	Comp		Required
GIN040-010	7402	Object identifier	M	an	1/35	Required
GIN040-020	7402	Object identifier	C	an	1/35	Not used
GIN050	C208	Identity number range	M	Comp		Optional
GIN050-010	7402	Object identifier	M	an	1/35	Required
GIN050-020	7402	Object identifier	C	an	1/35	Not used
GIN060	C208	Identity number range	M	Comp		Required
GIN060-010	7402	Object identifier	M	an	1/35	Required
GIN060-020	7402	Object identifier	C	an	1/35	Not used

Example:

GIN+AL+Canban card ID'

Segment Group 15

Pos: 1220	Repeat: 99
Conditional	
Group: 15	Elements: N/A

Loop Path: Group 10-Group 11-Group 13

User Option (Usage): Optional

Function: Packaging number assigned by the customer

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1230	GIN	Packaging number assigned by customer	M	1	Required

GIN

Packaging number assigned by customer

Pos: 1230	Max: 1
Mandatory	
Group: 15	Elements: 6

Loop Path: Group 10-Group 11-Group 13-Group 15

User Option (Usage): Required

Function: To give specific identification numbers, either as single numbers or ranges.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
GIN010	7405	Object identification code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		BU Package buyer assigned identifier				
GIN020	C208	Identity number range	M	Comp		Required
GIN020-010	7402	Object identifier	M	an	1/35	Required
GIN020-020	7402	Object identifier	C	an	1/35	Not used
GIN030	C208	Identity number range	M	Comp		Optional
GIN030-010	7402	Object identifier	M	an	1/35	Required
GIN030-020	7402	Object identifier	C	an	1/35	Not used
GIN040	C208	Identity number range	M	Comp		Required
GIN040-010	7402	Object identifier	M	an	1/35	Required
GIN040-020	7402	Object identifier	C	an	1/35	Not used
GIN050	C208	Identity number range	M	Comp		Optional
GIN050-010	7402	Object identifier	M	an	1/35	Required
GIN050-020	7402	Object identifier	C	an	1/35	Not used
GIN060	C208	Identity number range	M	Comp		Required
GIN060-010	7402	Object identifier	M	an	1/35	Required
GIN060-020	7402	Object identifier	C	an	1/35	Not used

Example:

GIN+BU+X12344350'

Segment Group 15

Pos: 1240	Repeat: 99
Conditional	
Group: 15	Elements: N/A

Loop Path: Group 10-Group 11-Group 13

User Option (Usage): Optional

Function: Continuous rack number

Package / Container serial number

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1250	GIN	Package / Container serial number	M	1	Required

GIN

Package / Container serial number

Pos: 1250	Max: 1
Mandatory	
Group: 15	Elements: 6

Loop Path: Group 10-Group 11-Group 13-Group 15

User Option (Usage): Required

Function: To give specific identification numbers, either as single numbers or ranges.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
GIN010	7405	Object identification code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		BN Serial number				
GIN020	C208	Identity number range	M	Comp		Required
GIN020-010	7402	Object identifier	M	an	1/35	Required
GIN020-020	7402	Object identifier	C	an	1/35	Dependent
GIN030	C208	Identity number range	C	Comp		Optional
GIN030-010	7402	Object identifier	M	an	1/35	Required
GIN030-020	7402	Object identifier	C	an	1/35	Dependent
GIN040	C208	Identity number range	C	Comp		Conditional
GIN040-010	7402	Object identifier	M	an	1/35	Required
GIN040-020	7402	Object identifier	C	an	1/35	Dependent
GIN050	C208	Identity number range	C	Comp		Conditional
GIN050-010	7402	Object identifier	M	an	1/35	Required
GIN050-020	7402	Object identifier	C	an	1/35	Dependent
GIN060	C208	Identity number range	C	Comp		Dependent
GIN060-010	7402	Object identifier	M	an	1/35	Required
GIN060-020	7402	Object identifier	C	an	1/35	Dependent

Example:

GIN+BN+00012345'

Segment Group 15

Pos: 1260	Repeat: 99
Conditional	
Group: 15	Elements: N/A

Loop Path: Group 10-Group 11-Group 13

User Option (Usage): Optional

Function: Position number in package

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1270	GIN	Position number in package	M	1	Required

GIN

Position number in package

Pos: 1270	Max: 1
Mandatory	
Group: 15	Elements: 6

Loop Path: Group 10-Group 11-Group 13-Group 15

User Option (Usage): Required

Function: To give specific identification numbers, either as single numbers or ranges.

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>
GIN010	7405	Object identification code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AO Position number in package				
GIN020	C208	Identity number range	M	Comp		Required
GIN020-010	7402	Object identifier	M	an	1/35	Required
GIN020-020	7402	Object identifier	C	an	1/35	Dependent
GIN030	C208	Identity number range	C	Comp		Optional
GIN030-010	7402	Object identifier	M	an	1/35	Required
GIN030-020	7402	Object identifier	C	an	1/35	Dependent
GIN040	C208	Identity number range	C	Comp		Conditional
GIN040-010	7402	Object identifier	M	an	1/35	Required
GIN040-020	7402	Object identifier	C	an	1/35	Dependent
GIN050	C208	Identity number range	C	Comp		Conditional
GIN050-010	7402	Object identifier	M	an	1/35	Required
GIN050-020	7402	Object identifier	C	an	1/35	Dependent
GIN060	C208	Identity number range	C	Comp		Dependent
GIN060-010	7402	Object identifier	M	an	1/35	Required
GIN060-020	7402	Object identifier	C	an	1/35	Dependent

Example:

GIN+AO+001'

Segment Group 11

Pos: 1280	Repeat: 9999
Conditional	
Group: 11	Elements: N/A

Loop Path: Group 10

User Option (Usage): Optional

Function: Additional packaging / co-pack

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1290	PAC	Package	M	1	Required
1300	MEA	Weight	C	1	Optional
1310	MEA	Length	C	1	Optional
1320	MEA	Width	C	1	Optional
1330	MEA	Height	C	1	Optional

PAC Package

Pos: 1290	Max: 1
Mandatory	
Group: 11	Elements: 4

Loop Path: Group 10-Group 11

User Option (Usage): Required

Function: To describe the number and type of packages/physical units.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PAC010	7224	Package quantity	C	n	1/6	Required
PAC020	C531	Packaging details	C	Comp		Required
PAC020-010	7075	Packaging level code	C	an	1/3	Not used
PAC020-020	7233	Packaging related description code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		35 Type of package				
PAC020-030	7073	Packaging terms and conditions code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		AAA One way packaging, supplier pays				
		AAB One way packaging, customer pays				
		AAC Customer's returnable package item				
		AAD returnable packaging owned by supplier				
		AAE returnable packaging owned by service provider				
PAC030	C202	Package type	C	Comp		Required
PAC030-010	7065	Package type description code	C	an	1/17	Required
PAC030-020	1131	Code list identification code	C	an	1/17	Not used
PAC030-030	3055	Code list responsible agency code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		92 Assigned by buyer or buyer's agent				
PAC030-040	7064	Type of packages	C	an	1/35	Not used
PAC040	C402	Package type identification	C	Comp		Optional
PAC040-010	7077	Description format code	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		X Semi-structured (code + text)				
PAC040-020	7064	Type of packages	M	an	1/35	Required
PAC040-030	7143	Item type identification code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		SA Supplier's article number				
PAC040-040	7064	Type of packages	C	an	1/35	Optional

Example:

PAC+1+:35:AAA+KLT6428::92'

MEA Weight

Pos: 1300	Max: 1
Conditional	
Group: 11	Elements: 3

Loop Path: Group 10-Group 11

User Option (Usage): Optional

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MEA010	6311	Measurement purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAY Package measurement				
MEA020	C502	Measurement details	C	Comp		Required
MEA020-010	6313	Measured attribute code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		T Tare weight				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Not used
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Required
MEA030-010	6411	Measurement unit code	M	an	1/8	Required
		<u>Code</u> <u>Name</u>				
		KGM kilogram				
MEA030-020	6314	Measure	C	an	1/18	Required

Example:

MEA+AAY+T+KGM:1000'

MEA Length

Pos: 1310	Max: 1
Conditional	
Group: 11	Elements: 3

Loop Path: Group 10-Group 11

User Option (Usage): Optional

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MEA010	6311	Measurement purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAZ Handling unit measurement				
MEA020	C502	Measurement details	C	Comp		Required
MEA020-010	6313	Measured attribute code	C	an	1/3	Conditional
		<u>Code</u> <u>Name</u>				
		LN Length				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Not used
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Required
MEA030-010	6411	Measurement unit code	M	an	1/8	Required
		<u>Code</u> <u>Name</u>				
		MMT millimetre				
MEA030-020	6314	Measure	C	n	1/5	Required
		Description: Length				

Example:

MEA+AAZ+LN+MMT:9'

MEA Width

Pos: 1320	Max: 1
Conditional	
Group: 11	Elements: 3

Loop Path: Group 10-Group 11

User Option (Usage): Optional

Function: 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 purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAZ Handling unit measurement				
MEA020	C502	Measurement details	C	Comp		Required
MEA020-010	6313	Measured attribute code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		WD Width dimension				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Not used
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Required
MEA030-010	6411	Measurement unit code	M	an	1/8	Required
		<u>Code</u> <u>Name</u>				
		MMT millimetre				
MEA030-020	6314	Measure	C	an	1/12	Required
		Description: Width				

Example:

MEA+AAZ+WD+MMT:9'

MEA Height

Pos: 1330	Max: 1
Conditional	
Group: 11	Elements: 3

Loop Path: Group 10-Group 11

User Option (Usage): Optional

Function: 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 purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAY Package measurement				
MEA020	C502	Measurement details	C	Comp		Required
MEA020-010	6313	Measured attribute code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		HT Height dimension				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Not used
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Required
MEA030-010	6411	Measurement unit code	M	an	1/8	Required
		<u>Code</u> <u>Name</u>				
		MMT millimetre				
MEA030-020	6314	Measure	C	an	1/5	Required
		Description: Height				

Example:

MEA+AAZ+HT+MMT:9'

Segment Group 17

Pos: 1340	Repeat: 9999
Conditional	
Group: 17	Elements: N/A

Loop Path: Group 10

User Option (Usage): Required

Function: A group of segments providing details of the individual despatched items.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0660	LIN	Line item	M	1	Required
1360	PIA	Additional product id	C	1	Optional
0680	IMD	Item description	C	25	Optional
1380	MEA	Net weight	C	1	Optional
1390	QTY	Despatched quantity	C	1	Required
1400	QTY	Quantity to be delivered	C	1	Dependent
1410	ALI	Country of origin	C	10	Optional
1420	GIN	Serial Number(s)	C	100	Optional
1430	GIN	Engine Number(s)	C	100	Optional
1440	NAD	Manufacturer	C	1	Optional
1450	FTX	Article long description	C	99	Optional
1460	MOA	Customs declared value	C	1	Optional
1470		Segment Group 18	C	1	Optional
1500		Segment Group 18	C	5	Optional
1540		Segment Group 18	C	1	Required
1570		Segment Group 18	C	99	Optional
1600		Segment Group 19	C	1	Optional
1640		Segment Group 20	C	1	Optional
1660		Segment Group 20	C	1	Optional

LIN

Line item

Pos: 0660	Max: 1
Mandatory	
Group: 17	Elements: 3

Loop Path: Group 10-Group 17

User Option (Usage): Required

Function: To identify a line item and configuration.

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>
LIN010	1082	Line item identifier	C	an	1/6	Optional
LIN020	1229	Action code	C	an	1/3	Not used
LIN030	C212	Item number identification	C	Comp		Required
LIN030-010	7140	Item identifier	C	an	1/35	Required
LIN030-020	7143	Item type identification code	C	an	1/3	Required
		<u>Code</u>	<u>Name</u>			
		IN	Buyer's item number			

Magna Usage:

LIN+++Item1++0'

PIA Additional product id

Pos: 1360	Max: 1
Conditional	
Group: 17	Elements: 6

Loop Path: Group 10-Group 17

User Option (Usage): Optional

Function: To specify additional or substitutional item identification codes.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PIA010	4347	Product identifier code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		1 Additional identification				
PIA020	C212	Item number identification	M	Comp		Required
PIA020-010	7140	Item identifier	C	an	1/35	Required
PIA020-020	7143	Item type identification code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AB Assembly				
		AG Software revision number				
		BT Technical phase				
		CL Colour number				
		DR Drawing revision number				
		EC Engineering change level				
		EN International Article Numbering Association (EAN)				
		HS Harmonised system				
		MN Model number				
		RY Record keeping of model year				
		SA Supplier's article number				
		UA Ultimate customer's article number				
PIA030	C212	Item number identification	C	Comp		Optional
PIA030-010	7140	Item identifier	C	an	1/35	Required
PIA030-020	7143	Item type identification code	C	an	1/3	Required
		Description: see C212#1				
		<u>Code</u> <u>Name</u>				
		DR Drawing revision number				
		EC Engineering change level				
PIA040	C212	Item number identification	C	Comp		Optional
PIA040-010	7140	Item identifier	C	an	1/35	Required
PIA040-020	7143	Item type identification code	C	an	1/3	Required
		Description: see C212#1				
PIA050	C212	Item number identification	C	Comp		Optional
PIA050-010	7140	Item identifier	C	an	1/35	Required
PIA050-020	7143	Item type identification code	C	an	1/3	Required
		Description: see C212#1				
PIA060	C212	Item number identification	C	Comp		Optional
PIA060-010	7140	Item identifier	C	an	1/35	Required

PIA060-020	7143	Item type identification code	C	an	1/3	Required
		Description: <i>see C212#1</i>				

Example:*PIA+1+76543:SA+123456:DR'*

IMD

Item description

Pos: 0680	Max: 25
Conditional	
Group: 17	Elements: 3

Loop Path: Group 10-Group 17

User Option (Usage): Optional

Function: To describe an item in either an industry or free format.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
IMD010	7077	Description format code	C	an	1/3	Not used
IMD020	C272	Item characteristic	C	Comp		Not used
IMD020-010	7081	Item characteristic code	C	an	1/3	Optional
IMD020-020	1131	Code list identification code	C	an	1/17	Optional
IMD020-030	3055	Code list responsible agency code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		272 Joint Automotive Industry agency				
IMD030	C273	Item description	C	Comp		Optional
IMD030-010	7009	Item description code	C	an	1/17	Optional
		<u>Code</u> <u>Name</u>				
		11 Production				
		12 Service (spare part)				
		13 Production and service (spare parts)				
		14 Try-out				
		15 Pilot				
		16 Additional requirement				
		17 Initial sample				
		18 Sample				
		19 Other				
IMD030-030	3055	Code list responsible agency code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		272 Joint Automotive Industry agency				
IMD030-040	7008	Item description	C	an	1/256	Optional
		Description: Article Description (Line 1) Description / short name of article in plain text.				
IMD030-050	7008	Item description	C	an	1/256	Optional
		Description: Article Description (Line 2)				
IMD030-060	3453	Language name code	C	an	1/3	Optional
		Description: Language code according to ISO 639-1988				

Magna Usage:

IMD+++:::XYZ iron mount'

MEA Net weight

Pos: 1380	Max: 1
Conditional	
Group: 17	Elements: 4

Loop Path: Group 10-Group 17

User Option (Usage): Optional

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MEA010	6311	Measurement purpose code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		PD Physical dimensions (product ordered)				
MEA020	C502	Measurement details	C	Comp		Required
MEA020-010	6313	Measured attribute code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAL Net weight				
MEA020-020	6321	Measurement significance code	C	an	1/3	Not used
MEA020-030	6155	Non-discrete measurement name code	C	an	1/17	Not used
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	Not used
MEA030	C174	Value/Range	C	Comp		Required
MEA030-010	6411	Measurement unit code	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		GRM gram				
		KGM kilogram				
		TNE tonne (metric ton)				
MEA030-020	6314	Measure	C	n	1/11	Required
		Description: Net Weight				
MEA040	7383	Surface or layer code	C	an	1/3	Not used

Example:

MEA+PD+AAL+KGM:10'

QTY Despatched quantity

Pos: 1390	Max: 1
Conditional	
Group: 17	Elements: 1

Loop Path: Group 10-Group 17

User Option (Usage): Required

Function: To specify a pertinent quantity.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
QTY010	C186	Quantity details	M	Comp		Required
QTY010-010	6063	Quantity type code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		12 Despatch quantity				
QTY010-020	6060	Quantity	M	n	1/10	Required
QTY010-030	6411	Measurement unit code	C	an	1/8	Optional
		Description: <i>referring to UN/ECE Rec. 20</i> Magna Usage: . C62 - one . PCE - piece . KGM - kilogram . LTR - litre . MTR - metre . MTQ - cubic metre				
		<u>Code</u> <u>Name</u>				
		C62 one				
		PCE piece				

Example:

QTY+12:50:C62'

QTY Quantity to be delivered

Pos: 1400	Max: 1
Conditional	
Group: 17	Elements: 1

Loop Path: Group 10-Group 17

User Option (Usage): Dependent

Function: To specify a pertinent quantity.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
QTY010	C186	Quantity details	M	Comp		Required
QTY010-010	6063	Quantity type code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		131 Delivery quantity				
QTY010-020	6060	Quantity	M	n	1/10	Required
QTY010-030	6411	Measurement unit code	C	an	1/3	Optional

Description: referring to UNECE Rec. 20

Magna Usage:

- . C62 - one
- . PCE - piece
- . KGM - kilogram
- . LTR - litre
- . MTR - metre
- . MTQ - cubic metre

Example:

QTY+131:50:C62'

ALI

Country of origin

Pos: 1410	Max: 10
Conditional	
Group: 17	Elements: 2

Loop Path: Group 10-Group 17

User Option (Usage): Optional

Function: To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable.

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>
ALI010	3239	Country of origin identifier	C	a	2/2	Optional
ALI020	9213	Duty regime type code	C	an	1/3	Dependent
		<u>Code</u>		<u>Name</u>		
		N		No, origin is not subject to preference		
		Y		Yes, origin is subject to preference		

Example:

ALI+SE+1+73'

GIN Serial Number(s)

Pos: 1420	Max: 100
Conditional	
Group: 17	Elements: 6

Loop Path: Group 10-Group 17

User Option (Usage): Optional

Function: To give specific identification numbers, either as single numbers or ranges.

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>
GIN010	7405	Object identification code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		BN Serial number				
GIN020	C208	Identity number range	M	Comp		Required
GIN020-010	7402	Object identifier	M	an	1/35	Required
GIN020-020	7402	Object identifier	C	an	1/35	Dependent
GIN030	C208	Identity number range	C	Comp		Optional
GIN030-010	7402	Object identifier	M	an	1/35	Required
GIN030-020	7402	Object identifier	C	an	1/35	Optional
GIN040	C208	Identity number range	C	Comp		Optional
GIN040-010	7402	Object identifier	M	an	1/35	Required
GIN040-020	7402	Object identifier	C	an	1/35	Optional
GIN050	C208	Identity number range	C	Comp		Optional
GIN050-010	7402	Object identifier	M	an	1/35	Required
GIN050-020	7402	Object identifier	C	an	1/35	Optional
GIN060	C208	Identity number range	C	Comp		Optional
GIN060-010	7402	Object identifier	M	an	1/35	Required
GIN060-020	7402	Object identifier	C	an	1/35	Optional

Example:

GIN+BN+#01+#03+#05+#07+#09.#14'

GIN Engine Number(s)

Pos: 1430	Max: 100
Conditional	
Group: 17	Elements: 6

Loop Path: Group 10-Group 17

User Option (Usage): Optional

Function: To give specific identification numbers, either as single numbers or ranges.

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>
GIN010	7405	Object identification code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		EE Engine number				
GIN020	C208	Identity number range	M	Comp		Required
GIN020-010	7402	Object identifier	M	an	1/35	Required
GIN030	C208	Identity number range	C	Comp		Optional
GIN030-010	7402	Object identifier	M	an	1/35	Required
GIN040	C208	Identity number range	C	Comp		Optional
GIN040-010	7402	Object identifier	M	an	1/35	Required
GIN050	C208	Identity number range	C	Comp		Optional
GIN050-010	7402	Object identifier	M	an	1/35	Required
GIN060	C208	Identity number range	C	Comp		Optional
GIN060-010	7402	Object identifier	M	an	1/35	Required

Example:

GIN+EE+#01234:#01243'

NAD Manufacturer

Pos: 1440	Max: 1
Conditional	
Group: 17	Elements: 9

Loop Path: Group 10-Group 17

User Option (Usage): Optional

Function: To specify the name/address and their related function.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
NAD010	3035	Party function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		MF Manufacturer of goods				
NAD020	C082	Party identification details	C	Comp		Optional
NAD020-010	3039	Party identifier	M	an	1/35	Required
NAD020-030	3055	Code list responsible agency code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		10 ODETTE				
		16 US, D&B (Dun & Bradstreet Corporation)				
		91 Assigned by seller or seller's agent				
		92 Assigned by buyer or buyer's agent				
NAD030	C058	Name and address	C	Comp		Not used
NAD030-010	3124	Name and address description	M	an	1/35	Not used
NAD030-020	3124	Name and address description	C	an	1/35	Not used
NAD030-030	3124	Name and address description	C	an	1/35	Not used
NAD030-040	3124	Name and address description	C	an	1/35	Not used
NAD030-050	3124	Name and address description	C	an	1/35	Required
NAD040	C080	Party name	C	Comp		Optional
NAD040-010	3036	Party name	M	an	1/35	Required
NAD040-020	3036	Party name	C	an	1/35	Optional
NAD040-030	3036	Party name	C	an	1/35	Not used
NAD040-040	3036	Party name	C	an	1/35	Not used
NAD040-050	3036	Party name	C	an	1/35	Not used
NAD040-060	3045	Party name format code	C	an	1/3	Not used
NAD050	C059	Street	C	Comp		Optional
NAD050-010	3042	Street and number or post office box identifier	M	an	1/35	Required
NAD050-020	3042	Street and number or post office box identifier	C	an	1/35	Optional
NAD050-030	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD050-040	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD060	3164	City name	C	an	1/35	Optional

NAD070	C819	Country subdivision details	C	Comp		Optional
NAD070-010	3229	Country subdivision identifier	C	an	1/9	Optional
NAD070-020	1131	Code list identification code	C	an	1/17	Not used
NAD070-030	3055	Code list responsible agency code	C	an	1/3	Not used
NAD070-040	3228	Country subdivision name	C	an	1/70	Not used
NAD080	3251	Postal identification code	C	an	1/17	Optional
NAD090	3207	Country identifier	C	an	1/3	Optional

Example:

NAD+MF+77665544::92'

FTX Article long description

Pos: 1450	Max: 99
Conditional	
Group: 17	Elements: 5

Loop Path: Group 10-Group 17

User Option (Usage): Optional

Function: 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 code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		LIN Line item				
FTX020	4453	Free text function code	C	an	1/3	Not used
FTX030	C107	Text reference	C	Comp		Not used
FTX030-010	4441	Free text description code	M	an	1/17	Not used
FTX030-020	1131	Code list identification code	C	an	1/17	Not used
FTX030-030	3055	Code list responsible agency code	C	an	1/3	Not used
FTX040	C108	Text literal	C	Comp		Required
FTX040-010	4440	Free text	M	an	1/256	Required
FTX040-020	4440	Free text	C	an	1/256	Optional
FTX040-030	4440	Free text	C	an	1/256	Optional
FTX040-040	4440	Free text	C	an	1/256	Optional
FTX040-050	4440	Free text	C	an	1/256	Optional
FTX050	3453	Language name code	C	an	1/3	Optional

Example:

FTX+LIN+++Article long description'

MOA Customs declared value

Pos: 1460	Max: 1
Conditional	
Group: 17	Elements: 1

Loop Path: Group 10-Group 17

User Option (Usage): Optional

Function: To specify a monetary amount.

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>
MOA010	C516	Monetary amount	M	Comp		Required
MOA010-010	5025	Monetary amount type code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		40 Goods item for customs declared value amount				
MOA010-020	5004	Monetary amount	C	n	1/35	Required
MOA010-030	6345	Currency identification code	C	an	1/3	Optional

Example:

MOA+40:1000.00:EUR'

Segment Group 18

Pos: 1470	Repeat: 1
Conditional	
Group: 18	Elements: N/A

Loop Path: Group 10-Group 17

User Option (Usage): Optional

Function:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1480	RFF	Shipment / Delivery note reference	M	1	Required
1490	DTM	Delivery note date	C	1	Optional

RFF Shipment / Delivery note reference

Pos: 1480	Max: 1
Mandatory	
Group: 18	Elements: 1

Loop Path: Group 10-Group 17-Group 18

User Option (Usage): Required

Function: 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		Required
RFF010-010	1153	Reference code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAU Despatch note document identifier				
RFF010-020	1154	Reference identifier	C	an	1/70	Required
RFF010-030	1156	Document line identifier	C	an	1/6	Optional

Example:

RFF+AAU:12345:020'

DTM Delivery note date

Pos: 1490	Max: 1
Conditional	
Group: 18	Elements: 1

Loop Path: Group 10-Group 17-Group 18

User Option (Usage): Optional

Function: 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		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		171 Reference date/time				
DTM010-020	2380	Date or time or period text	C	n	1/12	Required
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Example:

DTM+171:20021201:102'

Segment Group 18

Pos: 1500	Repeat: 5
Conditional	
Group: 18	Elements: N/A

Loop Path: Group 10-Group 17

User Option (Usage): Optional

Function: Delivery instruction / schedule reference and item related contact information

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1510	RFF	Delivery instruction / schedule reference	M	1	Required
1520	CTA	Item related contact information	C	1	Optional
1530	DTM	Reference date	C	1	Optional

RFF

Delivery instruction / schedule reference

Pos: 1510	Max: 1
Mandatory	
Group: 18	Elements: 1

Loop Path: Group 10-Group 17-Group 18

User Option (Usage): Required

Function: 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		Required
RFF010-010	1153	Reference code qualifier	M	an	1/3	Required
		<u>Code</u> AAN				
		<u>Name</u> Delivery schedule number				
RFF010-020	1154	Reference identifier	C	an	1/70	Dependent
RFF010-030	1156	Document line identifier	C	an	1/6	Optional

Example:

RFF+AAN:12345:050'

CTA

Item related contact information

Pos: 1520	Max: 1
Conditional	
Group: 18	Elements: 2

Loop Path: Group 10-Group 17-Group 18

User Option (Usage): Optional

Function: 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 code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		DL Delivery contact				
		IC Information contact				
		MC Material control contact				
		PD Purchasing contact				
		SC Schedule contact				
CTA020	C056	Contact details	C	Comp		Optional
CTA020-010	3413	Contact identifier	C	an	1/17	Optional
CTA020-020	3412	Contact name	C	an	1/256	Optional

Example:

CTA+DL+:F. Firestone'

DTM Reference date

Pos: 1530	Max: 1
Conditional	
Group: 18	Elements: 1

Loop Path: Group 10-Group 17-Group 18

User Option (Usage): Optional

Function: 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		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		171 Reference date/time				
DTM010-020	2380	Date or time or period text	C	n	1/12	Required
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Example:

DTM+171:20021101:102'

Segment Group 18

Pos: 1540	Repeat: 1
Conditional	
Group: 18	Elements: N/A

Loop Path: Group 10-Group 17

User Option (Usage): Required

Function: Order reference

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1550	RFF	Order reference	M	1	Required
1560	DTM	Reference date	C	1	Optional

RFF

Order reference

Pos: 1550	Max: 1
Mandatory	
Group: 18	Elements: 1

Loop Path: Group 10-Group 17-Group 18

User Option (Usage): Required

Function: 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		Required
RFF010-010	1153	Reference code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		ON Order document identifier, buyer assigned				
RFF010-020	1154	Reference identifier	C	an	1/70	Required
RFF010-030	1156	Document line identifier	C	an	1/6	Optional

Example:

RFF+ON:12345:075'

DTM Reference date

Pos: 1560	Max: 1
Conditional	
Group: 18	Elements: 1

Loop Path: Group 10-Group 17-Group 18

User Option (Usage): Optional

Function: 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		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		171 Reference date/time				
DTM010-020	2380	Date or time or period text	C	an	1/12	Required
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Example:

DTM+171:20021101:102'

Segment Group 18

Pos: 1570	Repeat: 99
Conditional	
Group: 18	Elements: N/A

Loop Path: Group 10-Group 17

User Option (Usage): Optional

Function: References for aftermarket bypass process

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1580	RFF	Reference	M	1	Required
1590	DTM	Reference date	C	1	Optional

RFF Reference

Pos: 1580	Max: 1
Mandatory	
Group: 18	Elements: 1

Loop Path: Group 10-Group 17-Group 18

User Option (Usage): Required

Function: 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		Required
RFF010-010	1153	Reference code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		IV Invoice document identifier				
		UC Ultimate customer's reference number				
		AAA Order acknowledgement document identifier				
		ACE Related document number				
		COF Call off order number				
RFF010-020	1154	Reference identifier	C	an	1/70	Required
RFF010-030	1156	Document line identifier	C	an	1/6	Optional

Example:

RFF+COF:12345'

DTM Reference date

Pos: 1590	Max: 1
Conditional	
Group: 18	Elements: 1

Loop Path: Group 10-Group 17-Group 18

User Option (Usage): Optional

Function: 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		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		171 Reference date/time				
DTM010-020	2380	Date or time or period text	C	n	1/12	Required
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Example:

DTM+171:20020801:102'

Segment Group 19

Pos: 1600	Repeat: 1
Conditional	
Group: 19	Elements: N/A

Loop Path: Group 10-Group 17

User Option (Usage): Optional

Function: A group of segments giving information about dangerous goods.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1610	DGS	Dangerous goods	M	1	Required
1620	FTX	Dangerous goods description	C	1	Optional
1630	FTX	Dangerous goods declaration exception	C	1	Optional

DGS Dangerous goods

Pos: 1610	Max: 1
Mandatory	
Group: 19	Elements: 2

Loop Path: Group 10-Group 17-Group 19

User Option (Usage): Required

Function: 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 code	C	an	1/3	Optional
DGS030	C234	UNDG Information	C	Comp		Required
DGS030-010	7124	United Nations Dangerous Goods (UNDG) identifier	C	n	4/4	Required

Example:

DGS+ADR'

FTX

Dangerous goods description

Pos: 1620	Max: 1
Conditional	
Group: 19	Elements: 3

Loop Path: Group 10-Group 17-Group 19

User Option (Usage): Optional

Function: 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 code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAD Dangerous goods technical name				
FTX040	C108	Text literal	C	Comp		Required
FTX040-010	4440	Free text	M	an	1/256	Required
FTX040-020	4440	Free text	C	an	1/256	Optional
FTX040-030	4440	Free text	C	an	1/256	Optional
FTX040-040	4440	Free text	C	an	1/256	Optional
FTX040-050	4440	Free text	C	an	1/256	Optional
FTX050	3453	Language name code	C	an	1/3	Optional

Example:

FTX+AAD+++Text line1:line 2+en'

FTX

Dangerous goods declaration exception

Pos: 1630	Max: 1
Conditional	
Group: 19	Elements: 3

Loop Path: Group 10-Group 17-Group 19

User Option (Usage): Optional

Function: To provide free form or coded text information.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
FTX010	4451	Text subject code qualifier	M	an	1/3	Required
		<u>Code</u>				
		HAZ				
		<u>Name</u>				
		Hazard information				
FTX040	C108	Text literal	C	Comp		Required
FTX040-010	4440	Free text	M	an	1/256	Required
FTX040-020	4440	Free text	C	an	1/256	Optional
FTX040-030	4440	Free text	C	an	1/256	Optional
FTX040-040	4440	Free text	C	an	1/256	Optional
FTX040-050	4440	Free text	C	an	1/256	Optional
FTX050	3453	Language name code	C	an	1/3	Optional

Example:

FTX+HAZ+++Text line1:line 2+en'

Segment Group 20

Pos: 1640	Repeat: 1
Conditional	
Group: 20	Elements: N/A

Loop Path: Group 10-Group 17

User Option (Usage): Optional

Function: Unloading point

A group of segments giving location information and where relevant, additional addresses.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1650	LOC	Unloading point	M	1	Required

LOC Unloading point

Pos: 1650	Max: 1
Mandatory	
Group: 20	Elements: 2

Loop Path: Group 10-Group 17-Group 20

User Option (Usage): Required

Function: To identify a place or a location and/or related locations.

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	Location function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		11 Place of discharge				
LOC020	C517	Location identification	C	Comp		Required
LOC020-010	3225	Location identifier	C	an	1/35	Optional
LOC020-020	1131	Code list identification code	C	an	1/17	Not used
LOC020-030	3055	Code list responsible agency code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		92 Assigned by buyer or buyer's agent				
LOC020-040	3224	Location name	C	an	1/256	Optional

Segment Group 20

Pos: 1660	Repeat: 1
Conditional	
Group: 20	Elements: N/A

Loop Path: Group 10-Group 17

User Option (Usage): Optional

Function: Internal place of consumption

A group of segments giving location information and where relevant, additional addresses.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1670	LOC	Internal place of consumption	M	1	Required

LOC

Internal place of consumption

Pos: 1670	Max: 1
Mandatory	
Group: 20	Elements: 2

Loop Path: Group 10-Group 17-Group 20

User Option (Usage): Required

Function: To identify a place or a location and/or related locations.

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	Location function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		7 Place of delivery				
		159 Additional internal destination				
LOC020	C517	Location identification	C	Comp		Required
LOC020-010	3225	Location identifier	C	an	1/35	Optional
LOC020-020	1131	Code list identification code	C	an	1/17	Not used
LOC020-030	3055	Code list responsible agency code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		92 Assigned by buyer or buyer's agent				
LOC020-040	3224	Location name	C	an	1/256	Optional

UNT

Message trailer

Pos: 1680	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Required

Function: 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	1/10	Required
UNT020	0062	Message reference number	M	an	1/14	Required

Example:

UNT+99+1'

UNZ

Interchange trailer

Pos: 1690	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Required

Function: 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	Required
UNZ020	0020	Interchange control reference	M	an	1/14	Required

Example:

UNZ+1+X'

Testfiles & Guidelines

Testfiles and Guidelines can be found on our website
<http://supplyweb.magna.com/downloads/guidelines.htm>

Further Reference

Magna is following the VDA recommendations.
For additional information and detailed process description please see VDA reference documents:

VDA 4987 - Anhang 1 – Version 1.3 – März 2016 – DE.pdf
VDA 4987 - Anhang 3 - Verpackungsbeispiele V1.3 März 2016.pdf
VDA 4987 - Lieferavise mit EDI – V1.3 – März 2016.pdf

<https://www.vda.de/de/verband/organisation/organisation-ausschuesse/arbeitskreis-kit/ak-kit-empfehlungen.html>
(German)

VDA 4987 - Annexe 1 DESADV – Version 1.3 – March 2016 EN.pdf
VDA 4987 - Annexe 3 – Package Examples - V1.3 March 2016.pdf
VDA 4987 – Despatch Advice with EDI V1.3 MARCH 2016 EN.pdf

<https://www.vda.de/en/association/organization/organization-committees/working-group-ict-and-edi/ict-and-edi-recommendations.html>
(English)

Support

For support feel free to contact edi.support@magna.com