

VOLKSWAGEN

AKTIENGESELLSCHAFT

Volkswagen VDA 4933 T2 Packaging Transport Order

VDA 2.0 - VW 2.0

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Introduction

1. Introduction

This recommendation describes the technical interface of VOLKSWAGEN for the transmission of a transport order for empty packaging from a shipping point or a hub of a logistics service provider to a certain carrier based on the VDA recommendation 4933 T2.

By VOLKSWAGEN is to be understood all brands and locations of the Volkswagen Group participating in the process. The Volkswagen recommendation may have specified further details based on process requirements. However, it is recommended that the message recipient consider all components of the genuine VDA recommendation 4933 T2 when implementing this message even they are not yet part of the VW recommendation

2. The process scenario at VOLKSWAGEN

Initiated by the shipping point of the empty packaging the transmission of the VDA 4933 T2 takes place at the latest the day before pick up, according to contractual defined cut off, to the carrier.

3. Area of validity

This recommendation applies in principle to all brands and locations of the Volkswagen Group participating in the process. At the time of the first publication of the 2019 Guideline, this message will at present only be introduced in Europe.

4. References

The VOLKSWAGEN guideline and technical parameters
<http://www.vwgroupsupply.com>

VDA recommendations
<https://www.vda.de>

Global messages
<http://www.odette.org/publications>

Changelog

SG	Se	No	DE	Date	Version	Description
Number of packaging items in bundle	Quantity			2022-11-18	2.0	Deleted remark: Despatched quantity. Number of packages assigned to this group (number of identical packages). Added remark: Number of packages being a component of one of the identified bundles/TPUs.
SG19	QTY	061	6060			
Number of packaging items in bundle	Quantity type code qualifier			2022-11-18	2.0	Added code 490.
SG19	QTY	061	6063			490
Number of packaging items in bundle				2022-11-18	2.0	Changed name: Despatched quantity -> Number of packaging items in bundle
SG19	QTY	061				
Despatched quantity	Quantity			2022-11-11	2.0	Format n..10 -> n..9
SG19	QTY	069	6060			
Current place of departure	Place of departure			2022-10-28	2.0	Format n..10 -> an10
SG7	LOC	039	3225			
Transport movement type and loading sequence	Loading sequence of a shipment on a means of transport (1 to 99)			2022-10-28	2.0	Status R -> O
SG6	TMD	038	8332			
Total loading meter of the transport				2022-10-21	2.0	Added segment: MEA+ACA+ACV - Total loading meter of the transport
MEA	013					
Shipment loading metres				2022-10-21	2.0	Added segment: MEA+LMT - Shipment loading metres
MEA	012					
Interchange trailer				2022-10-20	2.0	Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).
UNZ	074					
Message trailer				2022-10-20	2.0	Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).
UNT	073					
Message header	Association assigned code			2022-10-20	2.0	GAVN16 -> GAVN20
UNH	003	0057				
Message header				2022-10-20	2.0	Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).
UNH	003					
Interchange header	Date of preparation			2022-10-20	2.0	Format n6 -> n8 Added description: Attention: Difference to S3, 8 digits (including century)! Format CCYYMMDD
UNB	002	0017				
Interchange header	Syntax version number			2022-10-20	2.0	Deleted codes 2 and 3. Added code X. Added description: To use syntax version 4 according to the ISO 9735-11 profile, code "X" must be used here. Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).
UNB	002	0002	X			
Interchange header				2022-10-20	2.0	Added remark.
UNB	002					
Service string advice				2022-10-20	2.0	Status O -> R Added description.
UNA	001					
				2022-10-20	2.0	Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).
Transport details of one transport leg				2022-03-29	2.0	DEG C290 added

SG	Se	No	DE	Date	Version	Description
SG6	TDT	037				
Transport details of one transport leg			Power type code	2022-03-29	2.0	Power type DEG C003 added
SG6	TDT	037	7041			
Terms of delivery or transport			Delivery or transport terms description code	2022-03-29	2.0	Updated Remark to include 2020 Incoterms and added odette code DPU - Delivered at Place Unloaded
SG5	TOD	034	4053			
Transport movement type and loading sequence			CFR	2021-08-18	1.1	TMD segment added
SG6	TMD	038				
Message header			Association assigned code	2021-08-13	1.1	GAVN13 deleted, GAVN16 added
UNH	003	0057				
Message header			Message release number	2021-08-13	1.1	07A deleted, 20B added
UNH	003	0054	20B			
Place of discharge			Location name	2021-06-09	1.4	Address description added
SG2	LOC	029	3224			
Indicator - empty container, folded and package type description				2020-10-13	2.0	New: C273
SG19	IMD	068				
Shipment gross weight				2020-10-13	2.0	Segment added.
MEA	011					
Shipment volume				2020-10-13	2.0	Segment added.
MEA	010					
Additional package type code				2020-03-02	1.0	MaxRep 2 --> 1
SG19	PIA	067				
Transport handling unit's gross weight				2020-03-02	1.0	Status D --> R
SG17	MEA	057				
Package identification, assigned by the logistics service provider				2020-03-02	1.0	New segment GIN+X01 - Package identification, assigned by the logistics service provider
SG16	GIN	055				
Maximum stackability for transport purposes				2020-03-02	1.0	MEA+ABU --> MEA+AAZ+AEA
SG12	MEA	051				
Place of discharge			Code list responsible agency code	2020-03-02	1.0	O91 --> O92
SG2	LOC	029	3055			
			O92			
Message header			Association assigned code	2020-03-02	1.0	GAOF10 --> GAVN13
UNH	003	0057				
Replaced Packaging Transport/Service Order (BGM 1225 = 5)			Reference code qualifier	2018-05	1.1	changed AAK to AKT
SG1	RFF	015	1153			
			AKT			

Legend

Format

- a..9 alphabetic, variable length, 1 to 9 characters
- n..9 numeric, variable length, 1 to 9 digits, without leading zeros
- an..9 alphanumeric, variable length, 1 to 9 characters, without following spaces
- a9 alphabetic, fixed length, 9 characters
- n9 numeric, fixed length, 9 digits, with leading zeros if applicable
- an9 alphanumeric fixed length, 9 characters, with following spaces if applicable

EDIFACT-Status

- M Mandatory
- C Conditional

VW-Status

- R Required
- O Optional
- D Depending
- A Advised
- N Not used

M and R mean in both cases „Mandatory“.

C and O mean in both cases „Conditional“.

D means a conditional „Mandatory“. It has to be transmitted depending on another information within the message.

Message type

Tag	No	St	MaxOcc	Name
UNA	1	R	1	Service string advice UNA:+. ? '
UNB	2	M	1	Interchange header UNB+UNOC:X+OD012345:59:123+987654321:1:LEFAS+20221005:1446+144659+++++1 '
UNH	3	M	1	Message header UNH+12345+DESADV:D:20B:UN:GAVN20 '
BGM	4	M	1	Beginning of message BGM+X07::10:FTL+12345:1+9 '
DTM	5	R	1	Document date DTM+137:201312010101:203 '
DTM	6	R	1	Requested shipment date DTM+10:20131201:102 '
DTM	7	O	1	Estimated arrival date DTM+132:20131203:102 '
DTM	8	O	1	Ship date, originally scheduled DTM+110:999999999999:102 '
MEA	9	O	1	Number of handling units in shipment MEA+AAE++C62:9 '
MEA	10	O	1	Shipment volume MEA+AAX+ABJ+MTQ:9 '
MEA	11	O	1	Shipment gross weight MEA+AAX+AAD+KGM:9 '
MEA	12	O	1	Shipment loading metres MEA+LMT++MTR:9 '
MEA	13	O	1	Total loading meter of the transport MEA+ACA+ACV+MTR:9 '
SG1		O	1	Shipment number, assigned by packaging supplier
RFF	14	M	1	Shipment number, assigned by packaging supplier RFF+CRN:ShipmentNumber '
SG1		O	1	Replaced Packaging Transport Order
RFF	15	M	1	Replaced Packaging Transport/Service Order (BGM 1225 = 5) RFF+AKT:ReplacedPackagingTransportOrderNumb '
SG1		O	1	Door opener at pick-up, assigned by the ship-to
RFF	16	M	1	Access number at pick-up, assigned by the shipping point (ship-from-party) RFF+ABE:290018021300001 '
SG1		O	1	ATLAS
RFF	17	M	1	Reference Numbers

No = Consecutive segment number in the guide, MaxOcc = Maximum occurency of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

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Tag	No	St	MaxOcc	Name
RFF+ABT:123456'				
SG1	D		1	Transport reference of ship-from
RFF	18	M	1	Transport reference of ship-from
RFF+AGK:123456'				
SG1	O		1	Transport chain reference
RFF	19	M	1	Transport chain reference
RFF+AKI:Transport ID'				
SG2	R		1	Message Sender
NAD	20	M	1	Message Sender
NAD+MS+BHM::091'				
SG2	R		1	Message Recipient
NAD	21	M	1	Message Recipient name and address
NAD+MR+1234567890::091++Spediteur Schnell:Name2+Street1:Street2+City++12345+DE'				
SG3	R		1	Additional Party ID (DUNS)
RFF	22	M	1	Reference
RFF+ANK:123456789'				
SG2	R		1	Ship from empties
NAD	23	M	1	Ship from's - Shipping point empties
NAD+SF+0007101300::091++VOLKSWAGEN AG:X+Berliner Ring 2:X+Wolfsburg+DE-NI+38440+DE'				
LOC	24	O	1	Shipping location/ Place of loading
LOC+9+0012345600::091:Halle 54'				
SG3	O		1	Additional Party ID (DUNS or account ID)
RFF	25	M	1	Reference
RFF+ANK:193745926'				
SG4	O		1	Expedition contact
CTA	26	M	1	Expedition contact
CTA+EX+ExpeditionContID:ExpeditionContactName'				
COM	27	O	3	Communication contact
COM+123456:TE'				
SG2	R		1	Ship to empties
NAD	28	M	1	Ship to's name and address
NAD+ST+0000128300::091++Automotive AG:Name2+Street1:Street2+City+DE-HH+12345+DE'				
LOC	29	O	1	Place of discharge
LOC+11+PlaceDischargeID::092:PlaceOfDischarge'				
SG3	R		1	Additional Party ID (DUNS)
RFF	30	M	1	Reference
RFF+ANK:999999999'				

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Tag	No	St	MaxOcc	Name
SG2		R	1	Freight forwarder
NAD	31	M	1	The freight forwarder is the business partner put in charge of the organisation of the transport NAD+FW+0021235700::091++Spediteur Schnell:Name2+Street1:Street2+City++12345+DE'
SG3		R	1	Additional Party ID (DUNS)
RFF	32	M	1	Reference RFF+ANK:123456789'
SG2		O	1	Transport ordering party
NAD	33	M	1	Transport ordering party - name and address NAD+OY+ABC123::091++Name::X:X+Street:Street2+City++PostCode+GB'
SG5		O	1	Terms of delivery
TOD	34	M	1	Terms of delivery or transport TOD+6++CFR'
LOC	35	O	1	Incoterms place LOC+1+Ortsangabe für INCOTERMS Id::6:Ortsangabe für INCOTERMS'
FTX	36	O	5	Terms of delivery - descriptive text FTX+AAR++S+Text:Text:Text:Text:Text+de'
SG6		R	1	Transport details of one transport leg
TDT	37	M	1	Transport details of one transport leg TDT+X01+Tour1+20++++ZZZ:X:X+AB 123:::DE++1+X'
TMD	38	R	1	Transport movement type and loading sequence TMD++1'
SG7		R	1	Place of departure
LOC	39	M	1	Current place of departure LOC+5+7101300123::091:Place of departure as text'
DTM	40	O	1	Required departure date and time for this transport leg DTM+133:12345678901234567:203'
SG7		R	1	Place of arrival
LOC	41	M	1	Current place of arrival LOC+60+Place of Arrival ID::091:Place of Arrival as Text'
DTM	42	O	1	Arrival date and time DTM+132:12345678901234567:203'
SG8		O	1	Information for the freight forwarder
EQD	43	M	1	Equipment details EQD+X01'
SG9		R	1	Information for the freight forwarder
HAN	44	M	1	Handling instructions

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Tag	No	St	MaxOcc	Name
HAN+101::10:COL'				
SG11	R		9999	Despatch control line identical handling units
CPS	45	M	1	Consignment packing sequence CPS+1++3'
SG12	R		1	Group of packaging items
PAC	46	M	1	Package PAC+9++GT00070::091++:11'
MEA	47	D	1	Transport Packaging Unit (TPU) group length MEA+AAZ+LN+MMT:1205'
MEA	48	D	1	Transport Packaging Unit (TPU) group width MEA+AAZ+WD+MMT:1005'
MEA	49	D	1	Transport Packaging Unit (TPU) group height MEA+AAZ+HT+MMT:999'
MEA	50	O	1	Transport Packaging Unit (TPU) group volume MEA+AAZ+ABJ+MTQ:1.204794'
MEA	51	O	1	Maximum stackability for transport purposes MEA+AAZ+AEA+C62:9'
QTY	52	O	1	Maximum stackability QTY+171:9:C62'
SG14	O		1000	List of individual package items
PCI	53	M	1	Package identification PCI+17'
SG16	O		1	Label number(s)
GIN	54	M	1	Label IDs GIN+ML+JUN123456789000012345'
SG16	O		1	Package identification, assigned by the logistics service provider
GIN	55	M	1	Package identification, assigned by the logistics service provider GIN+X01+54321+54323+54322+54330+54342'
SG17	D		1	Individual transport handling unit's weights
COD	56	M	1	Trigger segment COD+NO'
MEA	57	R	1	Transport handling unit's gross weight MEA+AAZ+AAB+KGM:95.050'
SG19	D		9999	Article identification and despatch quantity
LIN	58	R	1	Packaging code of supplier of empties LIN+1++006280:091'
PIA	59	O	1	Additional package type code PIA+1+PackageTypeCode:BJ+PackageTypeCode:092+PackageType-Organisation:X1+PackageType-Organisation:X2+PackageType-Organisation:X3'

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Tag	No	St	MaxOcc	Name
IMD	60	O	1	Indicator - empty container, folded IMD+S+FO: :10'
QTY	61	R	1	Number of packaging items in bundle QTY+490:9:C62'
SG21		O	1	Dangerous goods information
DGS	62	M	1	Dangerous goods information DGS+ADR++1234+009:CEL'
FTX	63	O	1	Dangerous goods description FTX+AAD+++Text:Text:Text:Text:Text+de'
FTX	64	O	1	Dangerous goods declaration exception FTX+HAZ+++Text:Text:Text:Text:Text+de'
SG11		R	9999	Total sum of packaging items in the shipment
CPS	65	M	1	Consignment packing sequence CPS+2++5'
SG19		R	9999	Article identification and despatch quantity
LIN	66	M	1	Packaging code of customer LIN+2++006280:091'
PIA	67	O	2	Additional package type code PIA+1+PackageTypeCode:BJ+PackageTypeCode:092+PackageType-Organisation:X1+PackageTypeCode:X2+PackageTypeCode:X3'
IMD	68	O	1	Indicator - empty container, folded and package type description IMD+B+FO: :10+: : :PackageTypeDescription'
QTY	69	R	1	Despatched quantity QTY+12:9:C62'
SG21		O	1	Dangerous goods information
DGS	70	M	1	Dangerous goods DGS+ADR++1234+009:CEL'
FTX	71	O	1	Dangerous goods description FTX+AAD+++Text:Text:Text:Text:Text+de'
FTX	72	O	1	Dangerous goods declaration exception FTX+HAZ+++Text:Text:Text:Text:Text+de'
UNT	73	M	1	Message trailer UNT+69+12345'
UNZ	74	M	1	Interchange trailer UNZ+1+144659'

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Segment details

UNA

 No 1
 Status R
 MaxOcc 1

Service string advice

	St	Format	Usage	Example
UNA				UNA
UNA1	M	an1	Component data element separator Colon	:
UNA2	M	an1	Data element separator Plus sign	+
UNA3	M	an1	Decimal notation Full stop	.
UNA4	M	an1	Release indicator Question mark	?
UNA5	M	an1	Reserved for future use	
UNA6	M	an1	Segment terminator Apostrophe	'

Comment: The use of UNA is strongly recommended and UNA5 must be blank.

Example: UNA : + . ? '

UNBNo 2
Status M
MaxOcc 1**Interchange header**

	St	Format	Usage	Example
UNB				UNB
S001	M		Syntax identifier	
0001	M	a4	Syntax identifier UNOA UN/ECE level A UNOB UN/ECE level B UNOC UN/ECE level C UNOD UN/ECE level D	+UNOC
0002	M	an1	Syntax version number To use syntax version 4 according to the ISO 9735-11 profile, code "X" must be used here. X Syntax version 4 ISO 9735-11 profile.	:X
S002	M		Interchange sender	
0004	M	an..35	Sender identification Unique ID of the sender in the data transmission network or system.	+OD012345
0007	O	an..4	Partner identification code qualifier	:59
0008	O	an..14	Address for reverse routing Address of an application or internal system at sender's site to which reply messages should be routed.	:123
S003	M		Interchange recipient	
0010	M	an..35	Recipient identification Unique ID of the receiver in the data transmission network or system.	+987654321
0007	O	an..4	Partner identification code qualifier	:1
0014	R	n9	Routing address DUNS number of the pick-up forwarder	:LEFAS
S004	M		Date/time of preparation	
0017	M	n8	Date of preparation Attention: Difference to S3, 8 digits (including century)! Format CCYYMMDD	+20221005
0019	M	n4	Time of preparation Format HHMM	:1446
0020	M	an..14	Interchange control reference Unique ID of an interchange.	+144659
S005	N			
0022	N		Not used	+
0026	N		Not used	+
0029	N		Not used	+
0031	N		Not used	+
0032	N		Not used	+
0035	O	n1	Test indicator 1 Interchange is a test Only to be used for data interchange test purposes. Omit this element for valid interchanges	+1'

Comment: Due to the change in ISO standard 9735, VDA-EDIFACT recommendations will be based on the EDIFACT Syntax 3 compliant profile of EDIFACT Syntax 4 (ISO 9735 Part 11) from 2021-12. The service segments (UNA, UNB, UNH, UNS, UNT, UNZ) were adapted accordingly. The user data segments were not changed.

Example: UNB+UNOC:X+OD012345:59:123+987654321:1:LEFAS+20221005:1446+144659

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++++++1'

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R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

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UNH
 No 3
 Status M
 MaxOcc 1
Message header

	St	Format	Usage	Example
UNH				UNH
0062	M	an..14	Message reference number Message reference number (in the interchange)	+12345
S009	M		Message identifier	
0065	M	an..6	Message type DESADV Despatch advice message	+DESADV
0052	M	an..3	Message version number D Draft version/UN/EDIFACT Directory	:D
0054	M	an..3	Message release number 20B Release 2020 - B	:20B
0051	M	an..2	Controlling agency UN UN/CEFACT	:UN
0057	R	an..6	Association assigned code Identification of the subset release, assigned by Odette or VDA. GAVN20 VDA Packaging Transport Order (including item level) - DESADV V2.0	:GAVN20 '

Comment:**Example:** **UNH+12345+DESADV:D:20B:UN:GAVN20 '**

BGM

No 4
Status M
MaxOcc 1

Beginning of message

	St	Format	Usage	Example
BGM				BGM
C002	R		Document/message name	
1001	R	an..3	Document name code X07 Packaging Transport Order (including item level) - DESADV	+X07
1131	N		Not used	:
3055	R	an..3	Code list responsible agency code Code specifying the agency responsible for a code list. 10 ODETTE	:10
1000	R	an..35	Document name LTL Less than truck load FTL Full truck load = One truck	:FTL
C106	R		Document/message identification	
1004	R	an..20	Document number Unique identifier of the document. No duplicates during calendar year.	+12345
1056	O	n..2	Version identifier May be used to distinguish several versions of the message (e.g. subsequent cancellation)	:1
1225	R	an..3	Message function code 1 Cancellation 9 Original	+9 '

Comment:

Example: BGM+X07:::10:FTL+12345:1+9'

DTM

No 5
Status R
MaxOcc 1

Document date

	St	Format	Usage	Example
DTM				DTM
C507	M		Date/time/period	
2005	M	an..3	Date or time or period function code qualifier 137 Document issue date time	+137
2380	R	n12	Date or time or period text Date/time of creation of the transport order	:201312010101
2379	R	an..3	Date or time or period format code 203 CCYYMMDDHHMM	:203'

Comment:

Example: **DTM+137:201312010101:203'**

DTM

No 6
Status R
MaxOcc 1

Requested shipment date

St	Format	Usage	Example
DTM			DTM
C507	M	Date/time/period	
2005	M an..3	Date or time or period function code qualifier 10 Shipment date/time, requested	+10
2380	R n..24	Requested shipment date	:20131201
2379	R an..3	Date or time or period format code The use of time / time window depends on the concrete contract between the customer, supplier and transport service provider 102 CCYYMMDD 203 CCYYMMDDHHMM 719 CCYYMMDDHHMM-CCYYMMDDHHMM	:102 '

Comment:**Example:** **DTM+10:20131201:102 '**

DTM

No 7
Status O
MaxOcc 1

Estimated arrival date

	St	Format	Usage	Example
DTM				DTM
C507	M		Date/time/period	
2005	M	an..3	Date or time or period function code qualifier 132 Transport means arrival date time, estimated	+132
2380	R	an..17	Date or time or period text Expected date of arrival of the shipment, estimated by the sender.	:20131203
2379	R	an..3	Date or time or period format code 102 CCYYMMDD 203 CCYYMMDDHHMM 205 CCYYMMDDHHMMZHHMM	:102 '

Comment:**Example:** **DTM+132:20131203:102 '**

DTM

No 8
Status O
MaxOcc 1

Ship date, originally scheduled

	St	Format	Usage	Example
DTM				DTM
C507	M		Date/time/period	
2005	M	an..3	Date or time or period function code qualifier 110 Ship date, originally scheduled	+110
2380	R	an..17	Ship date, originally scheduled	: 9999999999999999
2379	R	an..3	Date or time or period format code 102 CCYYMMDD 203 CCYYMMDDHHMM 205 CCYYMMDDHHMMZHHMM	:102 '

Comment:**Example:** **DTM+110:9999999999999999:102 '**

MEA

No 9
Status O
MaxOcc 1

Number of handling units in shipment

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier AAE Measurement	+AAE
C502	N			
6313	N		Not used	+
C174	R		Value/range	
6411	C	an..8	Measurement unit code C62 one	+C62
6314	R	n..9	Measure Actual number of handling units in shipment	: 9 '

Comment:

Example: **MEA+AAE++C62 : 9 '**

MEA

No 10
Status O
MaxOcc 1

Shipment volume

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier AAX Consignment measurement	+AAX
C502	R		Measurement details	
6313	R	an..3	Measured attribute code ABJ Volume	+ABJ
C174	R		Value/range	
6411	C	an..8	Measurement unit code DMQ cubic decimetre LTR litre MTQ cubic metre	+MTQ
6314	R	n..9	Shipment volume	: 9 '

Comment:

Example: **MEA+AAX+ABJ+MTQ : 9 '**

MEA

No 11
Status O
MaxOcc 1

Shipment gross weight

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier AAX Consignment measurement	+AAX
C502	R		Measurement details	
6313	R	an..3	Measured attribute code AAD Consignment gross weight	+AAD
C174	R		Value/range	
6411	C	an..8	Measurement unit code KGM kilogram	+KGM
6314	R	n..9	Shipment gross weight Gross weight - weight (mass) without carrier's equipment	: 9 '

Comment:**Example:** **MEA+AAX+AAD+KGM: 9 '**

No = Consecutive segment number in the guide, MaxOcc = Maximum occurrence of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

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MEA

No 12
Status O
MaxOcc 1

Shipment loading metres

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier LMT Loading meters	+LMT
C502	N			
6313	N		Not used	+
C174	R		Value/range	
6411	R	an..8	Measurement unit code Code specifying the unit of measurement. MTR metre	+MTR
6314	R	n..9	Shipment loading metres	: 9 '

Comment: The length in a vehicle used or usable for the transport of empty packaging, whereby the complete width and height over that length is needed.

Example: **MEA+LMT++MTR : 9 '**

MEA

No 13
Status O
MaxOcc 1

Total loading meter of the transport

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier ACA Space occupied	+ACA
C502	R		Measurement details	
6313	R	an..3	Measured attribute code ACV Loading meters	+ACV
C174	R		Value/range	
6411	R	an..8	Measurement unit code MTR metre	+MTR
6314	R	an..18	Total loading meter of the transport	: 9 '

Comment:**Example:** **MEA+ACA+ACV+MTR : 9 '**

No = Consecutive segment number in the guide, MaxOcc = Maximum occurrence of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

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SG1	Status	O	Shipment number, assigned by packaging supplier
	MaxOcc	1	
RFF	No	14	Shipment number, assigned by packaging supplier
	Status	M	
	MaxOcc	1	

St	Format	Usage	Example
RFF			RFF
C506	M	Reference	
1153	M an..3	Reference code qualifier	+CRN
		CRN Transport means journey identifier	
1154	R an..35	Shipment number, assigned by packaging supplier	: ShipmentNumber'

Comment:

Example: **RFF+CRN:ShipmentNumber'**

SG1	Status	O	Replaced Packaging Transport Order
	MaxOcc	1	
RFF	No	15	Replaced Packaging Transport/Service Order (BGM 1225 = 5)
	Status	M	
	MaxOcc	1	

St	Format	Usage	Example
RFF			RFF
C506	M	Reference	
1153	M	an..3 Reference code qualifier AKT Forwarding order number	+AKT
1154	R	an..35 Replaced Packaging Transport/Service Order	: ReplacedPackagingTransportOrderNumb'

Comment:

Example: **RFF+AKT:ReplacedPackagingTransportOrderNumb'**

SG1	Status MaxOcc	O 1	Door opener at pick-up, assigned by the ship-to
RFF	No Status MaxOcc	16 M 1	Access number at pick-up, assigned by the shipping point (ship-from-party)

St	Format	Usage	Example
RFF			RFF
C506	M	Reference	
1153	M an..3	Reference code qualifier	+ABE
		ABE Declarant's reference number	
1154	R an..20	Door opener at pick-up, assigned by the supplier, ship-to	: 2900180213000 01 '

Comment:**Example:** **RFF+ABE:290018021300001 '**

SG1	Status	O	
	MaxOcc	1	ATLAS
RFF	No	17	
	Status	M	Reference Numbers
	MaxOcc	1	

St	Format	Usage	Example
RFF			RFF
C506	M	Reference	
1153	M an..3	Reference code qualifier ABT Goods declaration document identifier, Customs	+ABT
1154	R an..35	Reference identifier ABT: Movement reference number (MRN) assigned by the sytem of the customs administration (ATLAS in Germany) in case of export out of the EU AGK: This reference can be used by the transport ordering party as a common reference to bundle several transport orders respectively shipments, which have to be loaded on the same means of transport.	:123456'

Comment:**Example:** **RFF+ABT:123456'**

SG1	Status D MaxOcc 1	Transport reference of ship-from
RFF	No 18 Status M MaxOcc 1	Transport reference of ship-from

St	Format	Usage	Example
RFF			RFF
C506	M	Reference	
1153	M an..3	Reference code qualifier AGK Application reference number	+AGK
1154	R an..35	Reference identifier This reference can be used by the transport ordering party as a common reference to bundle several transport orders respectively shipments, which have to be loaded on the same means of transport.	:123456'

Comment:

Example: **RFF+AGK:123456'**

SG1	Status O MaxOcc 1	Transport chain reference
RFF	No 19 Status M MaxOcc 1	Transport chain reference

St	Format	Usage	Example
RFF			RFF
C506	M	Reference	
1153	M an..3	Reference code qualifier AKI Ordering customer's second reference number	+AKI
1154	R an..35	Transport chain reference This reference links the individual transport legs of a shipment in a segmented transport chain where each leg has a separate transport order. It is assigned by the forwarder of the first transport leg in the transport order confirmation. In segmented transport chains, this reference should be transmitted in all subsequent transport messages and in the associated billing. To ensure that this number is globally unique it has to be generated as explained below: • A globally unique identifier for the forwarder e. g. DUNS or Odette (see ISO 15459). • Plus a number generated by the forwarder that must not be repeated within 12 month. This rule will ensure to have a unique reference for the entire transport process starting at transport order confirmation up to the delivery at the recipient of the shipment. Each transport chain reference identifies exactly one shipment.	:Transport ID'

Comment: This reference links the individual transport legs of a shipment in a segmented transport chain where each leg has a separate transport order. It is assigned by the creator of the first transport order and may be the same as the order number of the first transport order. In segmented transport chains, this reference should be transmitted in all subsequent transport messages and in the associated billing.
In case the forwarder needs to split shipments, an own reference number has to be assigned to each individual shipment.

Example: **RFF+AKI:Transport ID'**

SG2	Status	R	Message Sender
	MaxOcc	1	
NAD	No	20	Message Sender
	Status	M	
	MaxOcc	1	

St	Format	Usage	Example
NAD			NAD
3035	M an..3	Party function code qualifier MS Document/message issuer/sender	+MS
C082	R	Party identification details	
3039	M an..35	Party identifier	+BHM
1131	N	Not used	:
3055	R an..3	Code list responsible agency code O91 Assigned by the provider of the empty packaging	:O91 '

Comment: This segment is used in the empty container management scenario. There, the sender and receiver of the message may differ from ship-from and ship-to, who sends / receives the physical goods.

Example: **NAD+MS+BHM: :O91 '**

SG2	Status R MaxOcc 1	Message Recipient
NAD	No 21 Status M MaxOcc 1	Message Recipient name and address

St	Format	Usage	Example
NAD			NAD
3035	M an..3	Party function code qualifier MR Message recipient	+MR
C082	O	Party identification details	
3039	M n10	Party identifier	+1234567890
1131	N	Not used	:
3055	R an..3	Code list responsible agency code 091 Assigned by the provider of the empty packaging	:091
C058	N		
3124	N	Not used	+
C080	O	Party name	
3036	M an..35	Party name Single text line for specification of a name	+Spediteur Schnell
3036	O an..35	Party name see 3036 # 1	:Name2
C059	O	Street	
3042	M an..35	Street and number or post office box identifier Part of address identifying the location of a building, normally given together with street	+Street1
3042	O an..35	Street and number or post office box identifier see 3042 # 1	:Street2
3164	O an..35	City name The name of the city, town, or village of this address.	+City
C819	O	Country subdivision details	
3229	R an..9	Country subdivision identifier	+
3251	C an..17	Postal identification code Identifier of one or more address data properties according to the postal service of the respective country	+12345
3207	C an..3	Country identifier Provides the country part of an address using a code. Use ISO3166 two alpha code.	+DE'

Comment: A message contains Message Recipient.
This segment is used in the empty container management scenario. There, the sender and receiver of the message may differ from ship-from and ship-to, who sends / receives the physical goods.

Example: **NAD+MR+1234567890::091++Spediteur Schnell:Name2+Street1:Street2+City++12345+DE'**

SG2	Status MaxOcc	R 1	Message Recipient
SG3	Status MaxOcc	R 1	Additional Party ID (DUNS)
RFF	No Status MaxOcc	22 M 1	Reference

St	Format	Usage	Example
RFF			RFF
C506	M	Reference	
1153	M an..3	Reference code qualifier ANK Reference number assigned by third party	+ANK
1154	R n9	Reference identifier DUNS number	: 123456789 '

Comment: This segment can be used to transmit the DUNS number of the business partner, in addition to the customer number or the supplier number.

Example: **RFF+ANK: 123456789 '**

SG2	Status R MaxOcc 1	Ship from empties
NAD	No 23 Status M MaxOcc 1	Ship from's - Shipping point empties

St	Format	Usage	Example
NAD			NAD
3035	M an..3	Party function code qualifier SF Ship from	+SF
C082	R	Party identification details	
3039	R n10	Party identifier	+0007101300
1131	N	Not used	:
3055	R an..3	Code list responsible agency code Code specifying the agency responsible for a code list. 091 Assigned by the provider of the empty packaging	:091
C058	N		
3124	N	Not used	+
C080	R	Party name	
3036	M an..35	Party name	+VOLKSWAGEN AG
3036	O an..35	Party name see 3036 # 1	:X
C059	R	Street	
3042	M an..35	Street and number or post office box identifier	+Berliner Ring 2
3042	O an..35	Street and number or post office box identifier see 3042 # 1	:X
3164	R an..35	City name	+Wolfsburg
C819	O	Country subdivision details	
3229	R an..9	Country subdivision identifier State or region within a country. The use of UN LoCodes is recommended.	+DE-NI
3251	R an..17	Postal identification code	+38440
3207	R an..3	Country identifier	+DE'

Comment: Party that despatches the goods or makes them ready for collection

Example: **NAD+SF+0007101300::091++VOLKSWAGEN AG:X+Berliner Ring 2:X+Wolfsburg+DE-NI+38440+DE'**

SG2	Status R MaxOcc 1	Ship from empties
LOC	No 24 Status O MaxOcc 1	Shipping location/ Place of loading

St	Format	Usage	Example
LOC			LOC
3227	M an..3	Location function code qualifier 9 Place of loading	+9
C517	R	Location identification	
3225	D an..10	Location identifier Identifier of location, site, etc. If a place of loading is transmitted a value has to be available in DE 3225 or DE 3224 If DE 3225 contains a value it is the VW supplier number of an alternative loading address that belongs to the data in NAD+SF. The alternative loading addresses are regularly made available to the forwarder as master data.	+0012345600
1131	N	Not used	:
3055	D an..3	Code list responsible agency code Code specifying the agency responsible for a code list. 091 Assigned by the provider of the empty packaging	:091
3224	D an..256	Location name Name of place/location See comment in DE 3225 Weitere Detaillierung des Ladeortes unterhalb der Adresse wie Beladerampe, Halle, Tor etc.	:Halle 54'

Comment: Location from where the goods are loaded for transport.

Example: LOC+9+0012345600::091:Halle 54'

SG2	Status R MaxOcc 1	Ship from empties
SG3	Status O MaxOcc 1	Additional Party ID (DUNS or account ID)
RFF	No 25 Status M MaxOcc 1	Reference

St	Format	Usage	Example
RFF			RFF
C506	M	Reference	
1153	M an..3	Reference code qualifier ANK Reference number assigned by third party	+ANK
1154	R an..17	Reference identifier This segment can be used to transmit the DUNS number of the business partner, in addition to the customer number or the supplier number. The account number (Qualifier ADE) can be used if aside of the supplier number and the DUNS number a third identifier is necessary (e.g. in certain CKD delivery processes).	:193745926'

Comment: This segment can be used to transmit the DUNS number of the business partner, in addition to the customer number or the supplier number

Example: **RFF+ANK:193745926'**

SG2	Status MaxOcc	R 1	Ship from empties
SG4	Status MaxOcc	O 1	Expedition contact
CTA	No Status MaxOcc	26 M 1	Expedition contact

St	Format	Usage	Example
CTA			CTA
3139	R an..3	Contact function code EX Expeditor	+EX
C056	O	Contact details	
3413	O an..17	Contact identifier Identifies the department or employee by a unique identifier other than their name when given as a contact.	+ExpeditionContID
3412	O an..256	Contact name Name of the contact person or department	: ExpeditionContactName '

Comment: Information that identifies the contact person or department responsible for expedition of goods, together with information about how they can be contacted.

Example: **CTA+EX+ExpeditionContID:ExpeditionContactName '**

SG2	Status MaxOcc	R 1	Ship from empties
SG4	Status MaxOcc	O 1	Expedition contact
COM	No Status MaxOcc	27 O 3	Communication contact

St	Format	Usage	Example
COM			COM
C076	M	Communication contact	
3148	M an..100	Communication address identifier The number or virtual 'address' of a telephone in a telecommunication system The number or virtual 'address' of a telephone in an organisation's internal telecommunication system The number or virtual 'address' of a facsimile in a telecommunication system The number or virtual 'address' of an e-mail mailbox in the internet or other network. Within a given facility a detailed department mail delivery location.	+123456
3155	M an..3	Communication means type code EM Electronic mail FX Telefax TE Telephone	: TE '

Comment:

Example: COM+123456: TE '

SG2	Status R MaxOcc 1	Ship to empties
NAD	No 28 Status M MaxOcc 1	Ship to's name and address

St	Format	Usage	Example
NAD			NAD
3035	M an..3	Party function code qualifier ST Ship to	+ST
C082	R	Party identification details	
3039	R n10	Party identifier	+0000128300
1131	N	Not used	:
3055	R an..3	Code list responsible agency code Code specifying the agency responsible for a code list. 091 Assigned by the provider of the empty packaging	:091
C058	N		
3124	N	Not used	+
C080	R	Party name	
3036	M an..35	Party name Single text line for specification of a name	+Automotive AG
3036	O an..35	Party name Single text line for specification of a name	:Name2
C059	R	Street	
3042	M an..35	Street and number or post office box identifier Part of address identifying the location of a building, normally given together with street	+Street1
3042	O an..35	Street and number or post office box identifier	:Street2
3164	R an..35	City name The name of the city, town, or village of this address.	+City
C819	O	Country subdivision details	
3229	R an..9	Country subdivision identifier State or region within a country. The use of UN LoCodes is recommended.	+DE-HH
3251	R an..17	Postal identification code Identifier of one or more address data properties according to the postal service of the respective country	+12345
3207	R a2	Country identifier Provides the country part of an address using a code. Use ISO3166 two alpha code. The codes of this codelist are documented in a separate document	+DE'

Comment:

Example: NAD+ST+0000128300::091++Automotive AG:Name2+Street1:Street2+City+DE-HH+12345+DE'

No = Consecutive segment number in the guide, MaxOcc = Maximum occurency of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

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SG2	Status R MaxOcc 1	Ship to empties
LOC	No 29 Status O MaxOcc 1	Place of discharge

LOC	St	Format	Usage	Example
LOC				LOC
3227	M	an..3	Location function code qualifier 11 Place of discharge	+11
C517	R		Location identification	
3225	O	an..17	Location identifier Identifier of location, site, etc.	+PlaceDischargeID
1131	N		Not used	:
3055	R	an..3	Code list responsible agency code Code specifying the agency responsible for a code list. 092 Assigned by the receiver of the empty packaging	:092
3224	O	an..256	Location name Name of place/location; if necessary, use complete address. Complete address of location, separated by semicolon. The following scheme has to be accomplished. Name1;Name2;Street1;Street2;City;Federal state;ZIP; Contry (Use ISO3166 two digit alpha code) Name1 = an..35 Name2 = an..35 Street1 = an..35 Street2 = an..35 City = an..35 Federal state = an..9 ZIP =an..17 Contry = a2	: PlaceOfDischarge'

Comment: Location where goods are unloaded from transport vehicle.

Example: LOC+11+PlaceDischargeID::092:PlaceOfDischarge'

SG2	Status R MaxOcc 1	Ship to empties
SG3	Status R MaxOcc 1	Additional Party ID (DUNS)
RFF	No 30 Status M MaxOcc 1	Reference

St	Format	Usage	Example
RFF			RFF
C506	M	Reference	
1153	M an..3	Reference code qualifier ANK Reference number assigned by third party	+ANK
1154	R n9	Reference identifier DUNS number	: 999999999 '

Comment: This segment can be used to transmit the DUNS number of the business partner, in addition to the customer number or the supplier number.

Example: **RFF+ANK : 999999999 '**

SG2	Status R MaxOcc 1	Freight forwarder
NAD	No 31 Status M MaxOcc 1	The freight forwarder is the business partner put in charge of the organisation of the transport

	St	Format	Usage	Example
NAD				NAD
3035	M	an..3	Party function code qualifier FW Freight forwarder	+FW
C082	O		Party identification details	
3039	R	n10	Party identifier	+0021235700
1131	N		Not used	:
3055	R	an..3	Code list responsible agency code Code specifying the agency responsible for a code list. 091 Assigned by the provider of the empty packaging	:091
C058	N			
3124	N		Not used	+
C080	O		Party name	
3036	M	an..35	Party name Freight Forwarder's Name Single text line for specification of a name	+Spediteur Schnell
3036	O	an..35	Party name see 3036 # 1	:Name2
C059	O		Street	
3042	M	an..35	Street and number or post office box identifier Part of address identifying the location of a building, normally given together with street	+Street1
3042	O	an..35	Street and number or post office box identifier see 3042 # 1	:Street2
3164	O	an..35	City name The name of the city, town, or village of this address.	+City
C819	O		Country subdivision details	
3229	R	an..9	Country subdivision identifier State or region within a country. The use of UN LoCodes is recommended.	+
3251	O	an..17	Postal identification code Identifier of one or more address data properties according to the postal service of the respective country	+12345
3207	O	a2	Country identifier Provides the country part of an address using a code. Use ISO3166 two alpha code.	+DE'

Comment:

Example: **NAD+FW+0021235700::091++Spediteur Schnell:Name2+Street1:Street2+City++12345+DE'**

No = Consecutive segment number in the guide, MaxOcc = Maximum occurrence of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

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SG2	Status R MaxOcc 1	Freight forwarder
SG3	Status R MaxOcc 1	Additional Party ID (DUNS)
RFF	No 32 Status M MaxOcc 1	Reference

St	Format	Usage	Example
RFF			RFF
C506	M	Reference	
1153	M an..3	Reference code qualifier ANK Reference number assigned by third party	+ANK
1154	R n9	Reference identifier DUNS number	: 123456789 '

Comment: This segment can be used to transmit the DUNS number of the business partner, in addition to the customer number or the supplier number.

Example: **RFF+ANK: 123456789 '**

SG2	Status O MaxOcc 1	Transport ordering party
NAD	No 33 Status M MaxOcc 1	Transport ordering party - name and address

St	Format	Usage	Example
NAD			NAD
3035	M an..3	Party function code qualifier OY Ordering customer	+OY
C082	O	Party identification details All partners listed in the invoicing message are to be transmitted with the complete name and address information. Partner ID is an additional information for enabling the automated processing and matching to internal records.	
3039	M an..35	Party identifier Identification - customer number at the forwarder	+ABC123
1131	N	Not used	:
3055	R an..3	Code list responsible agency code Agency responsible for code list / identifier maintenance 16 US, D&B (Dun & Bradstreet Corporation) 091 Assigned by the provider of the empty packaging 092 Assigned by the receiver of the empty packaging	:091
C058	N		
3124	N	Not used	+
C080	R	Party name	
3036	M an..35	Party name Single text line for specification of a name	+Name
3036	O an..35	Party name see 3036 # 1	:
3036	O an..35	Party name see 3036 # 1	:X
3036	O an..35	Party name see 3036 # 1	:X
C059	R	Street	
3042	M an..35	Street and number or post office box identifier The name that identifies the location of a house or building: usually within a street as part of an address.	+Street
3042	O an..35	Street and number or post office box identifier see 3042 # 1	:Street2
3164	R an..35	City name The name of the city, town, or village of this address.	+City
C819	O	Country subdivision details	
3229	R an..9	Country subdivision identifier State or region within a country. The use of UN LoCodes is recommended.	+
3251	R an..17	Postal identification code The identifier for one or more properties according to the postal service of that country; a group of letters and/or numbers added to the postal address to assist in the sorting of mail.	+PostCode
3207	R a2	Country identifier	+GB '

No = Consecutive segment number in the guide, MaxOcc = Maximum occurrence of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

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St	Format	Usage	Example
		Use ISO3166 two alpha code.	

Comment: Identification of the transport ordering and paying party according to forwarder's identification system.

Example: `NAD+OY+ABC123: :O91++Name: :X:X+Street:Street2+City++PostCode+GB'`

SG5	Status	O
	MaxOcc	1
TOD	No	34
	Status	M
	MaxOcc	1

Terms of delivery**Terms of delivery or transport**

St	Format	Usage	Example
TOD			TOD
4055	R an..3	Delivery or transport terms function code 6 Delivery condition	+6
4215	N	Not used	+
C100	O	Terms of delivery or transport	
4053	R an..3	Delivery or transport terms description code CFR COST AND FREIGHT CIF COST INSURANCE AND FREIGHT CIP CARRIAGE AND INSURANCE PAID TO CPT CARRIAGE PAID TO DAF DELIVERED AT FRONTIER DAP Delivered At Place (insert named place of destination) DAT Delivered At Terminal (insert named terminal at port or place of destination) DDP DELIVERED DUTY PAID DDU DELIVERED DUTY UNPAID DEQ DELIVERED EX QUAY (DUTY PAID) DES DELIVERED EX SHIP EXW EX WORKS FAS FREE ALONGSIDE SHIP FCA FREE CARRIER FOA FREE ON AIRCRAFT FOB FREE ON BOARD FOR FREE ON RAIL DPU Delivered at Place Unloaded The list also contains codes that are no longer part of INCOTERMS 2010 and/or 2020, as they are still widely used.	+CFR '

Comment:**Example:** **TOD+6++CFR '**

SG5	Status O MaxOcc 1	Terms of delivery
LOC	No 35 Status O MaxOcc 1	Incoterms place

St	Format	Usage	Example
LOC			LOC
3227	M an..3	Location function code qualifier 1 Place of terms of delivery	+1
C517	R	Location identification	
3225	O an..35	Location identifier Identifier of location, site, etc.	+Ortsangabe für INCOTERMS Id
1131	N	Not used	:
3055	R an..3	Code list responsible agency code 6 UN/ECE (United Nations - Economic Commission for Europe) If a UN/LOCODE is used in DE 3225, use code 6. 091 Assigned by the provider of the empty packaging 092 Assigned by the receiver of the empty packaging	: 6
3224	O an..256	Location name Name of place/location, other than city name. If an address is to be specified here, the individual components are to be transferred in a structured manner, separated by semicolons in the order described: Name; Street, house number; Place; Post Code; Regional code; Country (2 digit ISO code).	: Ortsangabe für INCOTERMS '

Comment: Identifies location of despatch or destination according to applicable INCOTERMS code.

Example: LOC+1+Ortsangabe für INCOTERMS Id::6:Ortsangabe für INCOTERMS '

SG5	Status O MaxOcc 1	Terms of delivery
FTX	No 36 Status O MaxOcc 5	Terms of delivery - descriptive text

St	Format	Usage	Example
FTX			FTX
4451	M an..3	Text subject code qualifier AAR Terms of delivery	+AAR
4453	N	Not used	+
C107	O	Text reference	
4441	M an..17	Free text description code Priority of transmission: "Prioritised", "Standard" The client must specify precisely in which situation the value "Prioritised" should be used. A Bypass delivery B Cross docking C Backorder D Extra tour P Prioritised S Standard	+S
C108	R	Text literal	
4440	M an..256	Free text Free text	+Text
4440	O an..256	Free text see 4440#1	:Text
4440	O an..256	Free text see 4440#1	:Text
4440	O an..256	Free text see 4440#1	:Text
4440	O an..256	Free text see 4440#1	:Text
3453	O an..3	Language name code Code specifying the language name. Use ISO 639	+de '

Comment:**Example:** **FTX+AAR++S+Text:Text:Text:Text:Text+de '**

No = Consecutive segment number in the guide, MaxOcc = Maximum occurency of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

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SG6	Status R MaxOcc 1	Transport details of one transport leg
TDT	No 37 Status M MaxOcc 1	Transport details of one transport leg

St	Format	Usage	Example
TDT			TDT
8051	M an..3	Transport stage code qualifier X01 Current transport leg	+X01
8028	O an..17	Tour-/Routennummer Unique reference number assigned by the carrier to a certain route or departure of a transport vehicle.	+Tour1
C220	O	Mode of transport	
8067	R an..3	Transport mode name code Code of mode of transport. Use UN/ECE Recommendation No 19. 10 Maritime transport 20 Rail transport 30 Road transport 40 Air transport	+20
C001	N		
8179	N	Not used	+
C040	N		
3127	N	Not used	+
8101	N	Not used	+
C401	O	Excess transportation information	
8457	M an..3	Excess transportation reason code ZZZ Mutually defined ZZZ is only a placeholder, indicating that DE is assigned status "M". In the message, only the special route number (or similar reference) is transmitted in DE 7130. The responsibilities are to be defined outside of the EDI data exchange.	+ZZZ
8459	M an..3	Excess transportation responsibility code X Responsibility to be determined	:X
7130	R an..17	Customer shipment authorisation identifier Authorisation number	:X
C222	O	Transport identification	
8213	R an..35	Transport means identification name identifier Identifier of a means of transport, like license plate etc.	+AB 123
1131	N	Not used	:
3055	N	Not used	:
8212	N	Not used	:
8453	O a2	Transport means nationality code Provides the country using a code. Use ISO3166 two alpha code.	:DE
8281	N	Not used	+
C003	O	Power type	
7041	R an..3	Power type code	+1
C290	O	Transport service	
8462	R an..17	Transport service identification code	+X
1131	N	Not used	:
3055	O an..3	Code list responsible agency code	: '

No = Consecutive segment number in the guide, MaxOcc = Maximum occurency of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

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Comment:**Example:** TDT+X01+Tour1+20++++ZZZ:X:X+AB 123:::DE++1+X'

SG6Status R
MaxOcc 1**Transport details of one transport leg****TMD**No 38
Status R
MaxOcc 1**Transport movement type and loading sequence**

St	Format	Usage	Example
TMD			TMD
C219	N		
8335	O an..3	Movement type description code X01 Full truck load - with separate tender X02 Full truck load - within the scope of area contract freight forwarder X03 Milk run during unloading - with separate tender, direct contract X04 Milk run during unloading - within the scope of area contract freight forwarder X05 Distribution by area contract freight forwarder X06 Milk run during loading - with separate tender, direct contract X07 Milk run during loading - within the scope of area contract freight forwarder X08 Milk run during loading and unloading - with separate tender, direct contract X09 Milk run during loading and unloading - within the scope of area contract freight forwarder X10 Full Truck Load - with separate tender transport leg ship-from to consolidation centre / cross-dock X11 Full Truck Load - with separate tender for transport leg cross-dock to cross-dock X12 Full Truck Load - with separate tender for transport leg cross-dock to ship-to X13 Full Container Load - with separate tender from ship-from to ship-to X14 Less than Full Container Load - with separate tender for transport leg from ship-from to consolidation centre / cross-dock X15 Less than Full Container Load - with separate tender for transport leg cross-dock to cross-dock X16 Less than Full Container Load - with separate tender for transport leg cross-dock to ship-to X17 Courier Express Parcel (CEP) X18 Special transport with frame contract X19 Special transport spot market	+
8332	O an..26	Loading sequence of a shipment on a means of transport (1 to 99)	+1 '

Comment:**Example:** TMD++1 '

No = Consecutive segment number in the guide, MaxOcc = Maximum occurrence of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

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SG6	Status R MaxOcc 1	Transport details of one transport leg
SG7	Status R MaxOcc 1	Place of departure
LOC	No 39 Status M MaxOcc 1	Current place of departure

St	Format	Usage	Example
LOC			LOC
3227	M an..3	Location function code qualifier 5 Place of departure	+5
C517	R	Location identification	
3225	O an10	Place of departure	+7101300123
1131	N	Not used	:
3055	R an..3	Code list responsible agency code Code specifying the agency responsible for a code list. Has to be provided if 3225 is used. 16 US, D&B (Dun & Bradstreet Corporation) 091 Assigned by the provider of the empty packaging	:091
3224	O an..256	Location name Location (Text) If an address is to be specified here, the individual components are to be transferred in a structured manner, separated by semicolons in the order described: Name; Street, house number; Place; Post Code; Regional code; Country (2 digit ISO code).	:Place of departure as text'

Comment: This segment identifies the physical shipping location for the current transport leg. For segmented transport, it may be necessary to specify a different shipping location and / or a different receiving location. In these cases, the respective transport leg is to be specified explicitly with the shipping and receiving location.

Example: LOC+5+7101300123::091:Place of departure as text'

SG6	Status R MaxOcc 1	Transport details of one transport leg
SG7	Status R MaxOcc 1	Place of departure
DTM	No 40 Status O MaxOcc 1	Required departure date and time for this transport leg

St	Format	Usage	Example
DTM			DTM
C507	M	Date/time/period	
2005	M an..3	Date or time or period function code qualifier 133 Transport means departure date/time, estimated	+133
2380	R an..35	Date or time or period text Departure date / time	: 1234567890123 4567
2379	R an..3	Date or time or period format code 102 CCYYMMDD 203 CCYYMMDDHHMM 205 CCYYMMDDHHMMZHHMM	:203 '

Comment:

Example: **DTM+133:12345678901234567:203 '**

SG6	Status MaxOcc	R 1	Transport details of one transport leg
SG7	Status MaxOcc	R 1	Place of arrival
LOC	No Status MaxOcc	41 M 1	Current place of arrival

St	Format	Usage	Example
LOC			LOC
3227	M an..3	Location function code qualifier 60 Place of arrival	+60
C517	R	Location identification	
3225	O an..35	Place of arrival	+Place of Arrival ID
1131	N	Not used	:
3055	R an..3	Code list responsible agency code Code specifying the agency responsible for a code list. Has to be provided if 3225 is used. 16 US, D&B (Dun & Bradstreet Corporation) 091 Assigned by the provider of the empty packaging	:091
3224	O an..256	Place of discharge ID Location (Text) If an address is to be specified here, the individual components are to be transferred in a structured manner, separated by semicolons in the order described: Name; Street, house number; Place; Post Code; Regional code; Country (2 digit ISO code).	:Place of Arrival as Text'

Comment: This segment identifies the physical receiving location for the current transport leg. For segmented transport, it may be necessary to specify a different shipping location and / or a different receiving location. In these cases, the respective transport leg is to be specified explicitly with the shipping and receiving location.

Example: LOC+60+Place of Arrival ID::091:Place of Arrival as Text'

SG6	Status MaxOcc	R 1	Transport details of one transport leg
SG7	Status MaxOcc	R 1	Place of arrival
DTM	No Status MaxOcc	42 O 1	Arrival date and time

St	Format	Usage	Example
DTM			DTM
C507	M	Date/time/period	
2005	M an..3	Date or time or period function code qualifier 132 Transport means arrival date time, estimated	+132
2380	R an..35	Date or time or period text Date / time	: 1234567890123 4567
2379	R an..3	Date or time or period format code 102 CCYYMMDD 203 CCYYMMDDHHMM 205 CCYYMMDDHHMMZHHMM	:203 '

Comment:

Example: DTM+132:12345678901234567:203 '

SG8	Status	O	Information for the freight forwarder
	MaxOcc	1	
EQD	No	43	Equipment details
	Status	M	
	MaxOcc	1	

St	Format	Usage	Example
EQD			EQD
8053	M an..3	Equipment type code qualifier This segment is used as trigger only. Since UN/EDIFACT syntax rules require at least one data element in a segment, a dummy code has to be transmitted. X01 Trigger	EQD +X01 '

Comment: Information identifying and describing the equipment used.

Example: **EQD+X01 '**

SG8	Status MaxOcc	O 1	Information for the freight forwarder
SG9	Status MaxOcc	R 1	Information for the freight forwarder
HAN	No Status MaxOcc	44 M 1	Handling instructions

St	Format	Usage	Example
HAN			HAN
C524	R	Handling instructions	
4079	R an..3	Codeliste to special transport conditions 101 Please advise shipment @ telephone number: ... (text) telephone number for advice 107 Delivery requires truck with lifting ramp/ platform 108 Shipment to be delivered without directly unloading 109 Handle with care, sensitive goods! 110 Goods to be transported lying 113 To be transported in advised temperature range! 125 Direct pick-up 126 Lifting platform required 127 Loading / unloading from the rear 128 Loading / unloading from the side (both sides) 129 Loading / unloading from the side (left side) 130 Loading / unloading from the side (right side) 131 Loading / unloading with crane 132 Self loading / self unloading 133 Height restriction 134 Fork lift required 135 Anti slip matting required 136 No transport means with loaded dangerous goods 137 Exchange of loading means 138 Only self-propelled truck 139 7,5 Ton 140 Tautliner 141 Detailed instructions in the free text (FTX segment)	+101
1131	N	Not used	:
3055	C an..3	Code list responsible agency code 10 ODETTE	:10
4078	O an..512	Handling instruction description This code is related to the instruction in DE 4079 . COL Collection DEL Delivery	:COL'

Comment:

Example: HAN+101::10:COL'

No = Consecutive segment number in the guide, MaxOcc = Maximum occurency of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

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SG11	Status R MaxOcc 9999	Despatch control line identical handling units
CPS	No 45 Status M MaxOcc 1	Consignment packing sequence

St	Format	Usage	Example
CPS			CPS
7164	M n..6	Hierarchical structure level identifier Incremented counter generated by message sender, assigned to a packaging group in the message. We recommend starting at 1.	+1
7166	N	Not used	+
7075	R an..3	Packaging level code Code specifying the packaging level. 3 Outer	+3 '

Comment:

Example: CPS+1++3 '

SG11	Status MaxOcc	R 9999	Despatch control line identical handling units
SG12	Status MaxOcc	R 1	Group of packaging items
PAC	No Status MaxOcc	46 M 1	Package

St	Format	Usage	Example
PAC			PAC
7224	R n..4	Package quantity Number of packages assigned to this group (number of identical packages).	+9
C531	N		
7075	N	Not used	+
C202	D	Package type Packaging type specified by customer The measurements of the handling unit or the package type code are mandatory. If a package type code is available for the bundle, it should be specified here. If no bundle type can be specified, C202 remains empty. In this case, the length, width and height of the load unit must be specified.	
7065	R an..7	Packaging code of the packaging supplier For bundles, the type of the bundle can be specified here. Bundle ID of the container management system LISON.	+GT00070
1131	N	Not used	:
3055	R an..3	Code list responsible agency code 091 Assigned by the provider of the empty packaging	:091
C402	N		
7077	N	Not used	+
C532	O	Returnable package details	
8395	N	Not used	+
8393	R an..3	Returnable package load contents code 11 Empty container, folded	:11 '

Comment:

Example: PAC+9++GT00070: :091++:11 '

No = Consecutive segment number in the guide, MaxOcc = Maximum occurrence of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

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SG11	Status MaxOcc	R 9999	Despatch control line identical handling units
SG12	Status MaxOcc	R 1	Group of packaging items
MEA	No Status MaxOcc	47 D 1	Transport Packaging Unit (TPU) group length

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier AAZ Handling unit measurement	+AAZ
C502	R		Measurement details	
6313	R	an..3	Measured attribute code LN Length	+LN
C174	R		Value/range	
6411	C	an..8	Measurement unit code MMT millimetre	+MMT
6314	R	n..4	Transport Packaging Unit (TPU) group length	:1205'

Comment: Required if no package type code has been specified.

Example: **MEA+AAZ+LN+MMT : 1205'**

SG11	Status MaxOcc	R 9999	Despatch control line identical handling units
SG12	Status MaxOcc	R 1	Group of packaging items
MEA	No Status MaxOcc	48 D 1	Transport Packaging Unit (TPU) group width

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier AAZ Handling unit measurement	+AAZ
C502	R		Measurement details	
6313	R	an..3	Measured attribute code WD Width dimension	+WD
C174	R		Value/range	
6411	C	an..8	Measurement unit code MMT millimetre	+MMT
6314	R	n..4	Transport Packaging Unit (TPU) group width	:1005'

Comment: Required if no bundle type has been specified.

Example: **MEA+AAZ+WD+MMT:1005'**

SG11	Status MaxOcc	R 9999	Despatch control line identical handling units
SG12	Status MaxOcc	R 1	Group of packaging items
MEA	No Status MaxOcc	49 D 1	Transport Packaging Unit (TPU) group height

St	Format	Usage	Example
MEA			MEA
6311	M an..3	Measurement purpose code qualifier AAZ Handling unit measurement	+AAZ
C502	R	Measurement details	
6313	R an..3	Measured attribute code HT Height dimension	+HT
C174	R	Value/range	
6411	C an..8	Measurement unit code MMT millimetre	+MMT
6314	R n..4	Transport Packaging Unit (TPU) group height	: 999 '

Comment: Required if no bundle type has been specified.

Example: **MEA+AAZ+HT+MMT : 999 '**

SG11	Status MaxOcc	R 9999	Despatch control line identical handling units
SG12	Status MaxOcc	R 1	Group of packaging items
MEA	No Status MaxOcc	50 O 1	Transport Packaging Unit (TPU) group volume

St	Format	Usage	Example
MEA			MEA
6311	M an..3	Measurement purpose code qualifier AAZ Handling unit measurement	+AAZ
C502	R	Measurement details	
6313	C an..3	Measured attribute code ABJ Volume	+ABJ
C174	R	Value/range	
6411	C an..8	Measurement unit code MTQ cubic metre	+MTQ
6314	R n..9	Transport Packaging Unit (TPU) group volume	:1.204794'

Comment:

Example: **MEA+AAZ+ABJ+MTQ:1.204794'**

SG11	Status MaxOcc	R 9999	Despatch control line identical handling units
SG12	Status MaxOcc	R 1	Group of packaging items
MEA	No Status MaxOcc	51 O 1	Maximum stackability for transport purposes

St	Format	Usage	Example
MEA			MEA
6311	M an..3	Measurement purpose code qualifier AAZ Handling unit measurement	+AAZ
C502	R	Measurement details	
6313	C an..3	Measured attribute code AEA Loading height	+AEA
C174	R	Value/range	
6411	C an..8	Measurement unit code Code specifying the unit of measurement, use UN/ECE Rec. 20 C62 one	+C62
6314	R n..9	Maximum stackability for transport purposes Number of layers of packages in the transport.	: 9 '

Comment:

Example: **MEA+AAZ+AEA+C62 : 9 '**

SG11	Status MaxOcc	R 9999	Despatch control line identical handling units
SG12	Status MaxOcc	R 1	Group of packaging items
QTY	No Status MaxOcc	52 O 1	Maximum stackability

St	Format	Usage	Example
QTY			QTY
C186	M	Quantity details	
6063	M an..3	Quantity type code qualifier 171 Maximum stackability	+171
6060	M n..9	Quantity Maximum number of packages that might be stacked one on top of the other without causing damage.	: 9
6411	O an..8	Measurement unit code Code specifying the unit of measurement, use UN/ECE Rec. 20 C62 one	: C62 '

Comment:

Example: **QTY+171:9:C62 '**

SG11	Status MaxOcc	R 9999	Despatch control line identical handling units
SG12	Status MaxOcc	R 1	Group of packaging items
SG14	Status MaxOcc	O 1000	List of individual package items
PCI	No Status MaxOcc	53 M 1	Package identification

St	Format	Usage	Example
PCI			PCI
4233	R	an..3 Marking instructions code 17 Seller's instructions	+17'

Comment:

Example: PCI+17'

SG11	Status MaxOcc	R 9999	Despatch control line identical handling units
SG12	Status MaxOcc	R 1	Group of packaging items
SG14	Status MaxOcc	O 1000	List of individual package items
SG16	Status MaxOcc	O 1	Label number(s)
GIN	No Status MaxOcc	54 M 1	Label IDs

St	Format	Usage	Example
GIN			GIN
7405	M an..3	Object identification code qualifier ML = package number specified by supplier ML Marking/label number	+ML
C208	M	Identity number range	
7402	M an..35	Object identifier Label ID Label ID of the handling unit (license plate), consisting of the issuing agency code (IAC) (e.g. UN for Dun & Breadstreet), the company code of the shipper (e.g. DUNS number) plus the unique ID of the shipping unit assigned by shipper, who was identified e.g. with the DUNS number (e.g. 000012345) => JUN123456789000012345	+JUN123456789000012345'

Comment: If correct assignment of the various package IDs is required, generate a separate SG13 for each package.
If this is not the case, the list can be transmitted with the respective IDs in the relevant GIN segment. The total number of SG15 must not exceed 99

Example: **GIN+ML+JUN123456789000012345'**

SG11	Status MaxOcc	R 9999	Despatch control line identical handling units
SG12	Status MaxOcc	R 1	Group of packaging items
SG14	Status MaxOcc	O 1000	List of individual package items
SG16	Status MaxOcc	O 1	Package identification, assigned by the logistics service provider
GIN	No Status MaxOcc	55 M 1	Package identification, assigned by the logistics service provider

St	Format	Usage	Example
GIN			GIN
7405	M an..3	Object identification code qualifier X01 Package identification, assigned by the logistics service provider	+X01
C208	M	Identity number range	
7402	M an..35	Package identification, assigned by the logistics service provider	+54321
C208	O	Identity number range	
7402	R an..35	Object identifier see 7402 #1	+54323
C208	O	Identity number range	
7402	R an..35	Object identifier see 7402 #1	+54322
C208	O	Identity number range	
7402	R an..35	Object identifier see 7402 #1	+54330
C208	O	Identity number range	
7402	R an..35	Object identifier see 7402 #1	+54342 '

Comment:**Example:** GIN+X01+54321+54323+54322+54330+54342 '

No = Consecutive segment number in the guide, MaxOcc = Maximum occurrence of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

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SG11	Status MaxOcc	R 9999	Despatch control line identical handling units
SG12	Status MaxOcc	R 1	Group of packaging items
SG14	Status MaxOcc	O 1000	List of individual package items
SG17	Status MaxOcc	D 1	Individual transport handling unit's weights

Required if no bundle type has been specified.

COD	No Status MaxOcc	56 M 1	Trigger segment
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St	Format	Usage	Example
COD			COD
C823	R	Type of unit/component	
7505	R an..3	Unit or component type description code NO This segment is used as trigger only. Since UN/EDIFACT syntax rules require at least one data element in a segment, a dummy code has to be transmitted.	+NO '

Comment:

Example: COD+NO '

SG11	Status MaxOcc	R 9999	Despatch control line identical handling units
SG12	Status MaxOcc	R 1	Group of packaging items
SG14	Status MaxOcc	O 1000	List of individual package items
SG17	Status MaxOcc	D 1	Individual transport handling unit's weights

Required if no bundle type has been specified.

MEA	No Status MaxOcc	57 R 1	Transport handling unit's gross weight
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St	Format	Usage	Example
MEA			MEA
6311	M an..3	Measurement purpose code qualifier AAZ Handling unit measurement	+AAZ
C502	R	Measurement details	
6313	R an..3	Measured attribute code AAB Goods item gross weight	+AAB
C174	R	Value/range	
6411	C an..8	Measurement unit code Code specifying the unit of measurement, use UN/ECE Rec. 20 KGM kilogram	+KGM
6314	R n..9	Transport handling unit's gross weight	: 95 . 050 '

Comment: Required if no bundle type has been specified.

Example: **MEA+AAZ+AAB+KGM: 95 . 050 '**

SG11	Status MaxOcc	R 9999	Despatch control line identical handling units
SG19	Status MaxOcc	D 9999	Article identification and despatch quantity
LIN	No Status MaxOcc	58 R 1	Packaging code of supplier of empties

St	Format	Usage	Example
LIN			LIN
1082	O an..6	Line item identifier It may be necessary to define the rules for generating unique line numbers bilaterally. The date element should only be used, if absolutely required by the business process.	+1
1229	N	Not used	+
C212	O	Item number identification	
7140	R an..7	Packaging code of supplier of empties The empty packages given here are used for assignment to specific transport loading units. For the accounting the LIN group in the CPS+++5'-group is used.	+006280
7143	R an..3	Item type identification code 091 Assigned by the provider of the empty packaging	:091 '

Comment:**Example:** `LIN+1++006280:091 '`

SG11	Status MaxOcc	R 9999	Despatch control line identical handling units
SG19	Status MaxOcc	D 9999	Article identification and despatch quantity
PIA	No Status MaxOcc	59 O 1	Additional package type code

St	Format	Usage	Example
PIA			PIA
4347	M an..3	Product identifier code qualifier 1 Additional identification	+1
C212	M	Item number identification	
7140	R an..35	Additional package type code	+PackageTypeC ode
7143	R an..3	Item type identification code BJ = Package Bundle Type Code BJ Next higher assembly number X1 GALIA France Package Type Code X2 VDA Germany Package Type Code X3 Other third party Package Type Code O92 Assigned by the receiver of the empty packaging	:BJ
C212	O	Item number identification see C212#1	
7140	R an..35	Item identifier	+PackageTypeC ode
7143	R an..3	Item type identification code See C212#1 data element 7143	:O92
C212	O	Item number identification see C212#1	
7140	R an..35	Item identifier	+PackageType- Organisation
7143	C an..3	Item type identification code See C212#1 data element 7143	:X1
C212	O	Item number identification see C212#1	
7140	R an..35	Item identifier	+PackageType- Organisation
7143	R an..3	Item type identification code See C212#1 data element 7143	:X2
C212	O	Item number identification see C212#1	
7140	R an..35	Item identifier	+PackageType- Organisation
7143	R an..3	Item type identification code See C212#1 data element 7143	:X3 '

Comment: Supplier's package type code and / or package type code of a third party
The sequence of the individual IDs in C212 is free. The first C212 must however be filled. The remaining C212 are optional.

Example: **PIA+1+PackageTypeCode:BJ+PackageTypeCode:O92+PackageType-Organisation:X1+PackageType-Organisation:X2+PackageType-Organisation:X3'**

SG11	Status MaxOcc	R 9999	Despatch control line identical handling units
SG19	Status MaxOcc	D 9999	Article identification and despatch quantity
IMD	No Status MaxOcc	60 O 1	Indicator - empty container, folded

St	Format	Usage	Example
IMD			IMD
7077	R an..3	Description format code S Structured (from industry code list)	+S
C272	R	Item characteristic	
7081	R an..3	Item characteristic code FO Empty container, folded Package Folded Indicator - Indicates that a handling unit is folded, use this indicator only for known (in the master data) packages	+FO
1131	N	Not used	:
3055	R an..3	Code list responsible agency code 10 ODETTE	:10 '

Comment:**Example:** **IMD+S+FO : :10 '**

SG11	Status MaxOcc	R 9999	Despatch control line identical handling units
SG19	Status MaxOcc	D 9999	Article identification and despatch quantity
QTY	No Status MaxOcc	61 R 1	Number of packaging items in bundle

St	Format	Usage	Example
QTY			QTY
C186	M	Quantity details	
6063	M an..3	Quantity type code qualifier 490 Constituent element or component quantity	+490
6060	R n..9	Quantity Number of packages being acomponent of one of the identified bundles/TPUs.	: 9
6411	O an..3	Measurement unit code Quantity (to be) Despatched Measure Unit Specifier Code specifying the unit of measurement, use UN/ECE Rec. 20 C62 one	: C62 '

Comment:**Example:** **QTY+490 : 9 : C62 '**

SG11	Status MaxOcc	R 9999	Despatch control line identical handling units
SG19	Status MaxOcc	D 9999	Article identification and despatch quantity
SG21	Status MaxOcc	O 1	Dangerous goods information
DGS	No Status MaxOcc	62 M 1	Dangerous goods information

St	Format	Usage	Example
DGS			DGS
8273	O an..3	Dangerous goods regulations code	+ADR
C205	N		
8351	N	Not used	+
C234	R	UNDG information	
7124	R n4	United Nations Dangerous Goods (UNDG) identifier Four-digit UNDG code (United Nations Dangerous Goods) - identification number assigned to the hazardous substance according to the UNDG regulations.	+1234
C223	O	Dangerous goods shipment flashpoint Flashpoint of a product (being pure, dissolved or mixed) that is unequivocally proved by test and therefore relevant for transportation purposes.	
7106	R n3	Shipment flashpoint degree Flashpoint temperature	+009
6411	R an..8	Measurement unit code Code specifying the unit of measurement, use UN/ECE Recommendation 20, Common code. CEL degree Celsius	:CEL'

Comment:

Example: DGS+ADR++1234+009:CEL'

No = Consecutive segment number in the guide, MaxOcc = Maximum occurrence of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

K-FIML/5 - Kl. 9.1 - 4 Jahre/Kopie

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SG11	Status MaxOcc	R 9999	Despatch control line identical handling units
SG19	Status MaxOcc	D 9999	Article identification and despatch quantity
SG21	Status MaxOcc	O 1	Dangerous goods information
FTX	No Status MaxOcc	63 O 1	Dangerous goods description

St	Format	Usage	Example
FTX			FTX
4451	M an..3	Text subject code qualifier AAD Dangerous goods technical name	+AAD
4453	N	Not used	+
C107	N		
4441	N	Not used	+
C108	R	Text literal	
4440	M an..256	Free text Free text - hazardous goods description	+Text
4440	O an..256	Free text Free text - hazardous goods description	:Text
4440	O an..256	Free text Free text - hazardous goods description	:Text
4440	O an..256	Free text Free text - hazardous goods description	:Text
4440	O an..256	Free text Free text - hazardous goods description	:Text
3453	O an..3	Language name code	+de '

Comment:

Example: **FTX+AAD+++Text:Text:Text:Text:Text+de '**

SG11	Status MaxOcc	R 9999	Despatch control line identical handling units
SG19	Status MaxOcc	D 9999	Article identification and despatch quantity
SG21	Status MaxOcc	O 1	Dangerous goods information
FTX	No Status MaxOcc	64 O 1	Dangerous goods declaration exception

	St	Format	Usage	Example
FTX				FTX
4451	M	an..3	Text subject code qualifier HAZ Hazard information	+HAZ
4453	N		Not used	+
C107	N			
4441	N		Not used	+
C108	R		Text literal	
4440	M	an..256	Free text Free text - hazardous goods - exemption declaration	+Text
4440	O	an..256	Free text Free text - hazardous goods - exemption declaration	:Text
4440	O	an..256	Free text Free text - hazardous goods - exemption declaration	:Text
4440	O	an..256	Free text Free text - hazardous goods - exemption declaration	:Text
4440	O	an..256	Free text Free text - hazardous goods - exemption declaration	:Text
3453	O	an..3	Language name code	+de '

Comment:

Example: **FTX+HAZ+++Text:Text:Text:Text:Text+de '**

SG11	Status	R	Total sum of packaging items in the shipment
	MaxOcc	9999	
CPS	No	65	Consignment packing sequence
	Status	M	
	MaxOcc	1	

	St	Format	Usage	Example
CPS				CPS
7164	M	n..6	Hierarchical structure level identifier Incremented counter generated by message sender, assigned to a packaging group in the message. We recommend starting at 1.	+2
7166	N		Not used	+
7075	R	an..3	Packaging level code Code specifying the packaging level. 5 Shipment level	+5 '

Comment:

Example: **CPS+2++5 '**

SG11	Status MaxOcc	R 9999	Total sum of packaging items in the shipment
SG19	Status MaxOcc	R 9999	Article identification and despatch quantity
LIN	No Status MaxOcc	66 M 1	Packaging code of customer

St	Format	Usage	Example
LIN			LIN
1082	O an..6	Line item identifier It may be necessary to define the rules for generating unique line numbers bilaterally. The date element should only be used, if absolutely required by the business process.	+2
1229	N	Not used	+
C212	R	Item number identification	
7140	R an..7	Packaging code of the packaging supplier	+006280
7143	R an..3	Item type identification code 091 Assigned by the provider of the empty packaging	:091 '

Comment:**Example:** **LIN+2++006280:091 '**

SG11	Status MaxOcc	R 9999	Total sum of packaging items in the shipment
SG19	Status MaxOcc	R 9999	Article identification and despatch quantity
PIA	No Status MaxOcc	67 O 2	Additional package type code

St	Format	Usage	Example
PIA			PIA
4347	M an..3	Product identifier code qualifier 1 Additional identification	+1
C212	M	Item number identification	
7140	R an..35	Additional package type code	+PackageTypeC ode
7143	R an..3	Item type identification code BJ = Package Bundle Type Code BJ Next higher assembly number X1 GALIA France Package Type Code X2 VDA Germany Package Type Code X3 Other third party Package Type Code O92 Assigned by the receiver of the empty packaging	:BJ
C212	O	Item number identification see C212#1	
7140	R an..35	Item identifier	+PackageTypeC ode
7143	R an..3	Item type identification code See C212#1 data element 7143	:O92
C212	O	Item number identification see C212#1	
7140	R an..35	Item identifier	+PackageType- Organisation
7143	R an..3	Item type identification code See C212#1 data element 7143	:X1
C212	O	Item number identification	
7140	R an..35	Item identifier	+PackageTypeC ode
7143	R an..3	Item type identification code See C212#1 data element 7143	:X2
C212	O	Item number identification	
7140	R an..35	Item identifier	+PackageTypeC ode
7143	R an..3	Item type identification code See C212#1 data element 7143	:X3 '

Comment: Supplier's package type code and / or package type code of a third party

Example: **PIA+1+PackageTypeCode:BJ+PackageTypeCode:O92+PackageType-Organisation:X1+PackageTypeCode:X2+PackageTypeCode:X3 '**

SG11	Status MaxOcc	R 9999	Total sum of packaging items in the shipment
SG19	Status MaxOcc	R 9999	Article identification and despatch quantity
IMD	No Status MaxOcc	68 O 1	Indicator - empty container, folded and package type description

St	Format	Usage	Example
IMD			IMD
7077	R an..3	Description format code B Code and text	+B
C272	O	Item characteristic	
7081	R an..3	Item characteristic code FO Empty container, folded	+FO
1131	N	Not used	:
3055	R an..3	Code list responsible agency code 10 ODETTE	:10
C273	O	Item description	
7009	N	Not used	+
1131	N	Not used	:
3055	N	Not used	:
7008	R an..256	Packaging type description Description/short name of packaging type in plain text.	: PackageTypeDe scription'

Comment:

Example: `IMD+B+FO::10+:::PackageTypeDescription'`

No = Consecutive segment number in the guide, MaxOcc = Maximum occurrence of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

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SG11	Status MaxOcc	R 9999	Total sum of packaging items in the shipment
SG19	Status MaxOcc	R 9999	Article identification and despatch quantity
QTY	No Status MaxOcc	69 R 1	Despatched quantity

St	Format	Usage	Example
QTY			QTY
C186	M	Quantity details	
6063	M an..3	Quantity type code qualifier 12 Despatch quantity	+12
6060	R n..9	Quantity Despatched quantity Number of packages assigned to this group (number of identical packages).	: 9
6411	O an..3	Measurement unit code Quantity (to be) Despatched Measure Unit Specifier Code specifying the unit of measurement, use UN/ECE Rec. 20 C62 one	: C62 '

Comment:**Example:** **QTY+12 : 9 : C62 '**

SG11	Status MaxOcc	R 9999	Total sum of packaging items in the shipment
SG19	Status MaxOcc	R 9999	Article identification and despatch quantity
SG21	Status MaxOcc	O 1	Dangerous goods information
DGS	No Status MaxOcc	70 M 1	Dangerous goods

St	Format	Usage	Example
DGS			DGS
8273	O an..3	Dangerous goods regulations code	+ADR
C205	N		
8351	N	Not used	+
C234	R	UNDG information	
7124	R n4	United Nations Dangerous Goods (UNDG) identifier Four-digit UNDG code (United Nations Dangerous Goods) - identification number assigned to the hazardous substance according to the UNDG regulations.	+1234
C223	O	Dangerous goods shipment flashpoint Flashpoint of a product (being pure, dissolved or mixed) that is unequivocally proved by test and therefore relevant for transportation purposes.	
7106	R n3	Shipment flashpoint degree Flashpoint temperature	+009
6411	R an..8	Measurement unit code Code specifying the unit of measurement, use UN/ECE Recommendation 20, Common code. CEL degree Celsius	:CEL '

Comment:

Example: DGS+ADR++1234+009:CEL '

SG11	Status MaxOcc	R 9999	Total sum of packaging items in the shipment
SG19	Status MaxOcc	R 9999	Article identification and despatch quantity
SG21	Status MaxOcc	O 1	Dangerous goods information
FTX	No Status MaxOcc	71 O 1	Dangerous goods description

	St	Format	Usage	Example
FTX				FTX
4451	M	an..3	Text subject code qualifier AAD Dangerous goods technical name	+AAD
4453	N		Not used	+
C107	N			
4441	N		Not used	+
C108	R		Text literal	
4440	M	an..256	Free text Free text - hazardous goods description	+Text
4440	O	an..256	Free text Free text - hazardous goods description	:Text
4440	O	an..256	Free text Free text - hazardous goods description	:Text
4440	O	an..256	Free text Free text - hazardous goods description	:Text
4440	O	an..256	Free text Free text - hazardous goods description	:Text
3453	O	an..3	Language name code	+de '

Comment:

Example: **FTX+AAD+++Text:Text:Text:Text:Text+de '**

SG11	Status MaxOcc	R 9999	Total sum of packaging items in the shipment
SG19	Status MaxOcc	R 9999	Article identification and despatch quantity
SG21	Status MaxOcc	O 1	Dangerous goods information
FTX	No Status MaxOcc	72 O 1	Dangerous goods declaration exception

	St	Format	Usage	Example
FTX				FTX
4451	M	an..3	Text subject code qualifier HAZ Hazard information	+HAZ
4453	N		Not used	+
C107	N			
4441	N		Not used	+
C108	R		Text literal	
4440	M	an..256	Free text Free text - hazardous goods - exemption declaration	+Text
4440	O	an..256	Free text Free text - hazardous goods - exemption declaration	:Text
4440	O	an..256	Free text Free text - hazardous goods - exemption declaration	:Text
4440	O	an..256	Free text Free text - hazardous goods - exemption declaration	:Text
4440	O	an..256	Free text Free text - hazardous goods - exemption declaration	:Text
3453	O	an..3	Language name code	+de '

Comment:

Example: **FTX+HAZ+++Text : Text : Text : Text : Text+de '**

UNTNo 73
Status M
MaxOcc 1**Message trailer**

St	Format	Usage	Example
UNT			UNT
0074	M n..6	Number of segments in the message Number of segments in the message	+69
0062	M an..14	Message reference number Message reference number	+12345 '

Comment:**Example:** **UNT+69+12345 '**

UNZNo 74
Status M
MaxOcc 1**Interchange trailer**

St	Format	Usage	Example
UNZ			UNZ
0036	M n..6	Interchange control count Number of messages in the interchange	+1
0020	M an..14	Interchange control reference Unique ID of the interchange.	+144659 '

Comment:**Example:** **UNZ+1+144659 '**