

VOLKSWAGEN

AKTIENGESELLSCHAFT

Volkswagen VDA 4943 T2 Packaging Despatch Advice

VDA 2.3 - VW 1.0

K-FIM/5L - Kl. 9.1 - 4 Jahre/Kopie

VDA 4943 T2 - Global DESADV Lieferavis Leergut; VDA 2.3 - VW 1.0
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Introduction

1. Introduction

This recommendation describes the technical interface of VOLKSWAGEN's Advanced Shipping Notification, ASN, for empty packaging from a shipping point or a hub of a logistics service provider to a certain carrier based on the VDA recommendation 4943 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 4943 T2 when implementing this message even they are not yet part of the VW recommendation

2. The process scenario at Volkswagen

VDA 4943 T2 is transmitted to the recipient of the packages by the sender (group plant or logistics service provider) of the empties after dispatch.

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

Volkswagen

http://www.vwgroupsupply.com/one-kbp-pub/en/kbp_public/information/electronic_data_interchange/electronic_data_interchange.html

VDA

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

ODETTE

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

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	O	1	Service string advice UNA:+.?. '
UNB	2	M	1	Interchange header UNB+UNOC:3+OD012345:59:123+987654321:1:LEFAS+071205:1446+144659+++++1 '
UNH	3	M	1	Message header UNH+12345+DESADV:D:20B:UN:GAVV23 '
BGM	4	M	1	Beginning of message BGM+X09:::10+12347 '
DTM	5	R	1	Document date DTM+137:20131201:102 '
DTM	6	O	1	Requested shipment date DTM+10:20131201:102 '
DTM	7	R	1	Despatch date DTM+11:20131201:102 '
MEA	8	O	1	Number of handling units in shipment MEA+AAE++C62:9 '
MEA	9	R	1	Shipment's gross weight MEA+AA+AAD+KGM:9 '
MEA	10	O	1	Shipment volume MEA+AA+ABJ+MTQ:9 '
SG1	R	1	1	Shipment number, assigned by packaging supplier
RFF	11	M	1	Shipment number, assigned by packaging supplier RFF+CRN:ShipmentNumber '
SG1	O	1	1	Number of the Packaging Transport Service Order
RFF	12	M	1	Number of the Packaging Transport Service Order RFF+TIN:PackagingTransportOrderNumber '
SG1	O	1	1	Transport chain reference
RFF	13	M	1	Transport chain reference RFF+AKI:Transport ID '
SG2	R	1	1	Ship from
NAD	14	M	1	Ship from's - Shipping point empties NAD+SF+0007130000:::091++X:X:X+X+X+X+AD '
LOC	15	O	1	Shipping location/ Place of loading LOC+9+01101:::091:Mittelstraße '
SG3	O	1	1	Additional Party ID (DUNS or account ID)
RFF	16	M	1	Reference

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)

K-FIM/5L - Kl. 9.1 - 4 Jahre/Kopie

Tag	No	St	MaxOcc	Name
RFF+ANK: 123456789'				
SG2	R		1	Ship to
NAD	17	M	1	Ship to's name and address NAD+ST+0000128300::091++Automotive AG:Name2+Street1:Street2+City++12345+DE'
SG3	R		1	Additional Party ID (DUNS)
RFF	18	M	1	Reference RFF+ANK: 999999999'
SG2	R		1	Freight forwarder
NAD	19	M	1	The freight forwarder is the business partner put in charge of the organisation of the transport NAD+FW+Identifier::16++Spediteur Schnell:Name2+Street1:Street2+City++12345+DE'
SG3	O		1	Additional Party ID (DUNS)
RFF	20	M	1	Reference RFF+ANK: 159753456'
SG6	O		1	Transport details of the current transport leg
TDT	21	M	1	Transport details of the current transport leg Transport details of the current transport leg TDT+12++30+++++AB 123'
TMD	22	O	1	Transport movement type and loading sequence TMD+X01+1'
SG11	R		9999	Despatch control line identical transport handling units
CPS	23	M	1	Consignment packing sequence CPS+1++3'
SG12	R		1	Group of packaging items
PAC	24	M	1	Package PAC+9++GT00070::091'
SG14	O		1000	List of individual package items
PCI	25	M	1	Package identification PCI+17'
SG17	O		1	Individual transport handling unit's weights
COD	26	M	1	Trigger segment COD+NO'
MEA	27	D	1	Transport handling unit's gross weight MEA+AAZ+AAB+KGM: 9'
SG19	O		9999	Article identification and despatch quantity
LIN	28	M	1	Packaging code of supplier of empties LIN+++KLT123:091'
QTY	29	R	1	Despatched quantity

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)

K-FIM/5L - Kl. 9.1 - 4 Jahre/Kopie

Tag	No	St	MaxOcc	Name
				QTY+12:9:C62'
SG11	R	9999		Summarised figures of all packaging items in the shipment
CPS	30	M	1	Consignment packing sequence CPS+2++5'
SG19	R	9999		Article identification and despatch quantity
LIN	31	M	1	Packaging code of customer LIN+++KLT123:091'
QTY	32	R	1	Despatched quantity QTY+12:9:C62'
SG20	O	1		Shipment / Delivery note reference
RFF	33	M	1	Shipment / Delivery note reference RFF+AAU:Lieferscheinnummer'
UNT	34	M	1	Message trailer UNT+57+12345'
UNZ	35	M	1	Interchange trailer UNZ+1+144659'

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)

K-FIM/5L - Kl. 9.1 - 4 Jahre/Kopie

Segment details

UNA	No	1	Service string advice
	Status	O	
	MaxOcc	1	

	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:

Example: UNA : + . ? '

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)

UNB		No	2				Interchange header	
		Status	M					
		MaxOcc	1					
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 n1		Syntax version number 3 Version 3				:3	
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	O an..14		Routing address Address of an application or an internal system at receiver's side: some OEMs generate delivery calls, etc. in different ERP systems. In this case, the despatch advice received from the supplier needs to be forwarded to the respective ERP system. In principle, EDIFACT refers to the UNB segment for a return address (section completed during delivery call) and a forwarding address (to be included in the despatch advice). Criteria for system change: Customer number, plant/work and unloading location The customer must submit an allocation table so that the supplier can store and apply these rules!				:LEFAS	
S004	M		Date/time of preparation					
0017	M n6		Date of preparation Format YYMMDD				+071205	
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'	

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St	Format	Usage	Example
		<p>1 Interchange is a test Only to be used for data interchange test purposes. Omit this element for valid interchanges</p>	

Comment:

Example: UNB+UNOC:3+OD012345:59:123+987654321:1:LEFAS+071205:1446+144659++
 ++++1'

UNH		No	3			Message header	
		Status	M				
		MaxOcc	1				
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 VDA. GAVV22 VDA Packaging Despatch Advice - DESADV V2.2				:GAVV23 '	

Comment:

Example: UNH+12345+DESADV:D:20B:UN:GAVV23'

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)

BGM		No	4			Beginning of message	
		Status	M				
		MaxOcc	1				
	St	Format	Usage			Example	
BGM						BGM	
C002	R		Document/message name				
1001	R	an..3	Document name code X09 Packaging Despatch Advice			+X09	
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	
C106	R		Document/message identification				
1004	R	an..70	Document number Unique identifier of the document. No duplicates during calendar year.			+12347'	

Comment:

Example: BGM+X09 : :10+12347'

DTM	No	5	Document date
	Status	R	
	MaxOcc	1	

	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	n..12	Date or time or period text Date/time of creation of the transport order	:20131201
2379	R	an..3	Date or time or period format code 102 CCYYMMDD 203 CCYYMMDDHHMM	:102 '

Comment:

Example: `DTM+137:20131201:102'`

DTM		No	6			Requested shipment date	
		Status	O				
		MaxOcc	1				
St	Format	Usage	Example				
DTM			DTM				
C507	M	Date/time/period					
2005	M	an..3	Date or time or period function code qualifier	+10			
			10 Shipment date/time, requested				
2380	R	n..12	Requested shipment date	:20131201			
2379	R	an..3	Date or time or period format code	:102 '			
			The use of time / time window depends on the concrete contract between the customer, supplier and transport service provider				
			102 CCYYMMDD				
			203 CCYYMMDDHHMM				

Comment:

Example: DTM+10:20131201:102'

DTM	No	7	Despatch date
	Status	R	
	MaxOcc	1	

	St	Format	Usage	Example
DTM				DTM
C507	M		Date/time/period	
2005	M	an..3	Date or time or period function code qualifier 11 Despatch date and or time	+11
2380	R	an..17	Date or time or period text Date/time of despatch of goods	:20131201
2379	R	an..3	Date or time or period format code 102 CCYYMMDD 203 CCYYMMDDHHMM	:102 '

Comment:

Example: `DTM+11:20131201:102'`

MEA	No	8	Number of handling units in shipment	Example
	Status	O		
	MaxOcc	1		
MEA	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 (for definition of handling unit, see process description)	: 9'

Comment:

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

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MEA	No	9		
	Status	R	Shipment's gross weight	
	MaxOcc	1		

	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's 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 occurency of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

MEA	No	10	Shipment volume	
	Status	O		
	MaxOcc	1		

	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 '

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)

SG1	Status R MaxOcc 1	Shipment number, assigned by packaging supplier
RFF	No 11 Status M MaxOcc 1	Shipment number, assigned by packaging supplier

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

Comment:

Example: RFF+CRN:ShipmentNumber'

SG1 Status O
 MaxOcc 1 **Number of the Packaging Transport Service Order**
 Required if there is a packaging transport service order.

RFF No 12
 Status M **Number of the Packaging Transport Service Order**
 MaxOcc 1

St	Format	Usage	Example
RFF			RFF
C506	M	Reference	
1153	M an..3	Reference code qualifier TIN Transport instruction number	+TIN
1154	R an..20	Number of the Packaging Transport Service Order	: PackagingTransportOrderNumber'

Comment:

Example: RFF+TIN:PackagingTransportOrderNumber'

SG1	Status O MaxOcc 1	Transport chain reference
RFF	No 13 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	:Transport ID'

Comment: This reference forms the staple over the individual transport sections of a shipment with a separate order in a segmented transport chain. It is assigned by the customer of the first transport order. It can be the same as the order number of the first transport order. In segmented transport chains, this reference should be transmitted in all further messages, consequently also in billing.

Example: `RFF+AKI:Transport ID'`

SG2	Status R MaxOcc 1
NAD	No 14 Status M MaxOcc 1

Ship from

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 VW Supplier number	+0007130000
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	M	an..35	Name and address description	+X
C080	O		Party name	
3036	M	an..35	Party name Single text line for party name	+X
3036	O	an..70	Party name see 3036 # 1	:X
C059	O		Street	
3042	M	an..256	Street and number or post office box identifier Part of address identifying the location of a building, normally given together with street	+
3042	C	an..256	Street and number or post office box identifier see 3042 # 1	:X
3164	O	an..35	City name	+X
C819	O		Country subdivision details	
3229	C	an..9	Country subdivision identifier State or region within a country. The use of UN LoCodes is recommended.	+X
3251	C	an..17	Postal identification code Identifier of one or more address data properties according to the postal service of the respective country	+X
3207	O	a2	Country identifier Provides the country part of an address using a code. Use ISO3166 two alpha code.	+AD '

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

Example: **NAD+SF+0007130000 : :091++X:X+:X+X+X+X+AD '**

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SG2

Status R
MaxOcc 1

Ship from

LOC

No 15
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	O		Location identification	
3225	R	an..35	Location identifier Sofern die Beladestelle näher spezifiziert ist, wird hier die entsprechende Referenz übertragen. Dies kann zum Beispiel der Leergutplatz innerhalb des Werksgeländes sein.	+01101
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
3224	O	an..256	Location name Name of place/location; if necessary, use complete address. 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).	: Mittelstraße '

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

Example: LOC+9+01101 : :091 :Mittelstraße '

SG2	Status R MaxOcc 1	Ship from
SG3	Status O MaxOcc 1	Additional Party ID (DUNS or account ID)
RFF	No 16 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 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).	: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 to

NAD

No 17
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	O		Party name	
3036	M	an..70	Party name Single text line for specification of a name	+Automotive AG
3036	O	an..70	Party name Single text line for specification of a name	:Name2
C059	O		Street	
3042	M	an..256	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..256	Street and number or post office box identifier	: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	C	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. The codes of this codelist are documented in a separate document	+DE '

Comment:

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

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SG2	Status R MaxOcc 1	Ship to
SG3	Status R MaxOcc 1	Additional Party ID (DUNS)
RFF	No 18 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	: 9999999999 '

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 : 9999999999 '**

SG2

Status R
MaxOcc 1

Freight forwarder

NAD

No 19
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 Unique identifier of business partner (customer number, supplier number, DUNS number, etc.).	+Identifier
1131	N		Not used	:
3055	R	an..3	Code list responsible agency code Code specifying the agency responsible for a code list. 16 US, D&B (Dun & Bradstreet Corporation)	:16
C058	N			
3124	N		Not used	+
C080	O		Party name	
3036	M	an..70	Party name Freight Forwarder's Name Single text line for specification of a name	+Spediteur Schnell
3036	O	an..70	Party name see 3036 # 1	:Name2
C059	O		Street	
3042	M	an..256	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..256	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+Identifier::16++Spediteur Schnell:Name2+Street1:Street2+City++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)

SG2	Status R MaxOcc 1	Freight forwarder
SG3	Status O MaxOcc 1	Additional Party ID (DUNS)
RFF	No 20 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	:159753456'

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:159753456'**

SG6

Status O
MaxOcc 1

Transport details of the current transport leg

TDT

No 21
Status M
MaxOcc 1

Transport details of the current transport leg
Transport details of the current transport leg

	St	Format	Usage	Example
TDT				TDT
8051	M	an..3	Transport stage code qualifier 12 At departure	+12
8028	N		Not used	+
C220	O		Mode of transport	
8067	R	an..3	Transport mode name code 30 Road transport Code of mode of transport. Use UN/ECE Recommendation No 19.	+30
C001	N			
8179	N		Not used	+
C040	N			
3127	N		Not used	+
8101	N		Not used	+
C401	N			
8457	N		Not used	+
C222	R		Transport identification	
8213	R	an..35	Transport means identification name identifier Identifier of a means of transport, like license plate etc.	+AB 123 '

Comment:

Example: TDT+12+++30+++++AB 123 '

SG6

Status O
MaxOcc 1

Transport details of the current transport leg

TMD

No 22
Status O
MaxOcc 1

Transport movement type and loading sequence

St	Format	Usage	Example
TMD			TMD
C219	O	Movement type	
8335	R an..3	Movement type description code	+X01
		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 cros-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+X01+1 '

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)

SG11 Status R
MaxOcc 9999

Despatch control line identical transport handling units

CPS No 23
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 R MaxOcc 9999	Despatch control line identical transport handling units
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SG12	Status R MaxOcc 1	Group of packaging items
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The number of SG 11 in a group of inner packaging items shall not exceed 9999.

PAC	No 24 Status M MaxOcc 1	Package
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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	R	Package type Packaging type specified by customer	
7065	R an..7	Packaging code of the packaging supplier	+GT00070
1131	N	Not used	:
3055	R an..3	Code list responsible agency code 091 Assigned by the provider of the empty packaging	:091 '

Comment:

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

SG11	Status R MaxOcc 9999	Despatch control line identical transport handling units
SG12	Status R MaxOcc 1	Group of packaging items
The number of SG 11 in a group of inner packaging items shall not exceed 9999.		
SG14	Status O MaxOcc 1000	List of individual package items
PCI	No 25 Status M MaxOcc 1	Package identification

St	Format	Usage	Example
PCI			PCI
4233	O an..3	Marking instructions code 3 Mark customers references 16 Buyer's instructions 17 Seller's instructions 3 - customer sent data from the delivery instruction, to be printed as data matrix code DMC on the label in section E2 (see VDA 4994 for reference) 16 - customer sent data from the delivery instruction, to be printed as text on the label in section E2 (see VDA 4994 for reference). 17 - any other situation	PCI+17'

Comment:

Example: PCI+17'

SG11	Status R MaxOcc 9999	Despatch control line identical transport handling units
SG12	Status R MaxOcc 1	Group of packaging items
The number of SG 11 in a group of inner packaging items shall not exceed 9999.		
SG14	Status O MaxOcc 1000	List of individual package items
SG17	Status O MaxOcc 1	Individual transport handling unit's weights
COD	No 26 Status M MaxOcc 1	Trigger segment

St	Format	Usage	Example
COD			COD
C823	R	Type of unit/component	
7505	R an..3	Unit or component type description code 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	+NO '

Comment:

Example: COD+NO '

SG11	Status R MaxOcc 9999	Despatch control line identical transport handling units
SG12	Status R MaxOcc 1	Group of packaging items
The number of SG 11 in a group of inner packaging items shall not exceed 9999.		
SG14	Status O MaxOcc 1000	List of individual package items
SG17	Status O MaxOcc 1	Individual transport handling unit's weights
MEA	No 27 Status D MaxOcc 1	Transport handling unit's gross weight

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	: 9 '

Comment: Required if no bundle type has been specified.

Example: **MEA+AAZ+AAB+KGM : 9 '**

SG11	Status R MaxOcc 9999	Despatch control line identical transport handling units
SG19	Status O MaxOcc 9999	Article identification and despatch quantity
LIN	No 28 Status M MaxOcc 1	Packaging code of supplier of empties

St	Format	Usage	Example
LIN			LIN
1082	N	Not used	+
1229	N	Not used	+
C212	O	Item number identification	
7140	R an..35	Packaging code of the packaging supplier	+KLT123
7143	R an..3	Item type identification code O91 Assigned by the provider of the empty packaging	:O91 '

Comment: 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.

Example: `LIN+++KLT123:O91 '`

SG11	Status R MaxOcc 9999	Despatch control line identical transport handling units
SG19	Status O MaxOcc 9999	Article identification and despatch quantity
QTY	No 29 Status R MaxOcc 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..4	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 R
MaxOcc 9999

Summarised figures of all packaging items in the shipment

CPS No 30
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.	+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 R MaxOcc 9999	Summarised figures of all packaging items in the shipment
SG19	Status R MaxOcc 9999	Article identification and despatch quantity
LIN	No 31 Status M MaxOcc 1	Packaging code of customer

St	Format	Usage	Example
LIN			LIN
1082	N	Not used	+
1229	N	Not used	+
C212	R	Item number identification	
7140	R an..7	Packaging code of the packaging supplier For bundles, the type of the bundle can be specified here.	+KLT123
7143	R an..3	Item type identification code 091 Assigned by the provider of the empty packaging	:091 '

Comment: All empty packages in the delivery are listed here for accounting. For the assignment of empty packages to a specific transport loading units the CPS +++ 3'-group is used.

Example: `LIN+++KLT123:091 '`

SG11	Status R MaxOcc 9999	Summarised figures of all packaging items in the shipment
SG19	Status R MaxOcc 9999	Article identification and despatch quantity
QTY	No 32 Status R MaxOcc 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..4	Despatched quantity The total sum of packaging items identified in LIN-Segment in this shipment.	: 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 R MaxOcc 9999	Summarised figures of all packaging items in the shipment
SG19	Status R MaxOcc 9999	Article identification and despatch quantity
SG20	Status O MaxOcc 1	Shipment / Delivery note reference
RFF	No 33 Status M MaxOcc 1	Shipment / Delivery note reference

St	Format	Usage	Example
RFF			RFF
C506	M	Reference	
1153	M an..3	Reference code qualifier AAU Despatch note document identifier	+AAU
1154	R an..35	Reference identifier Delivery note number	: Lieferscheinn ummer '

Comment:

Example: `RFF+AAU:Lieferscheinnummer '`

UNT	No	34	Message trailer
	Status	M	
	MaxOcc	1	

St	Format	Usage	Example
UNT			UNT
0074	M n..6	Number of segments in the message Number of segments in the message	+57
0062	M an..14	Message reference number Message reference number	+12345 '

Comment:

Example: UNT+57+12345 '

UNZ	No	35	Interchange trailer
	Status	M	
	MaxOcc	1	

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'