VOLKSWAGEN

AKTIENGESELLSCHAFT

Volkswagen VDA 4943 T2 Packaging Despatch Advice

VDA 3.0 - VW 2.0

Table of content

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

VDA recommendations
https://www.vda.de

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

Changelog

SG	Se	No	DE		Date	Version	Description
Interchange trailer UNZ 035					2022-11-30	2.0	Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).
Message trailer UNT 034					2022-11-30	2.0	Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).
Message header UNH 003			0057	Association assigned code	2022-11-30	2.0	GAVV22 -> GAVV30
Message header UNH 003					2022-11-30	2.0	Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).
Interchange header UNB 002			0017	Date of preparation	2022-11-30	2.0	Added description: Attention: Difference to S3, 8 digits (including century)! Format CCYYMMDD
Interchange header UNB 002			0002	Syntax version number **X**	2022-11-30	2.0	Deleted code 3. Added description: To use syntax version 4 according to the ISO 9735-11 profile, code "X" must be used here.
Interchange header UNB 002					2022-11-30	2.0	Added remark: 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.
Service string advice UNA 001					2022-11-30	2.0	Status O -> R Added description: The use of UNA is strongly recommended and UNA5 must be blank.

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 alpabetic, 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+20221130:1446+144659++++++1'**
UNH	3	M	1	Message header **UNH+12345+DESADV:D:20B:UN:GAVV30'**
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+AAX+AAD+KGM:9'**
MEA	10	O	1	Shipment volume **MEA+AAX+ABJ+MTQ:9'**
SG1		R	1	Shipment number, assigned by packaging supplier
RFF	11	M	1	Shipment number, assigned by packaging supplier **RFF+CRN:ShipmentNumber'**
SG1		O	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	Transport chain reference
RFF	13	M	1	Transport chain reference **RFF+AKI:Transport ID'**
SG2		R	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	Additional Party ID (DUNS or account ID)
RFF	16	M	1	Reference **RFF+ANK:123456789'**

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)

Tag	No	St	MaxOcc	Name
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 **QTY+12:9:C62'**

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)

Tag	No	St	MaxOcc	Name
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:O91'**
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)

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:+.? '`

UNB

No 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** **X Syntax version 4 ISO 9735-11 profile.** To use syntax version 4 according to the ISO 9735-11 profile, code "X" must be used here.	**: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	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	n8	**Date of preparation** Attention: Difference to S3, 8 digits (including century)! Format CCYYMMDD	**+20221130**
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	**+**

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)

	St	Format	Usage	Example
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+20221130:1446+144659++++++1'`

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 VDA. **GAVV22 VDA Packaging Despatch Advice - DESADV V2.2** **GAVV30 VDA Packaging Despatch Advice - DESADV V3.0**	:GAVV30'

Comment:

Example: `UNH+12345+DESADV:D:20B:UN:GAVV30'`

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** **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..35	**Document number** Unique identifier of the document. No duplicates during calendar year.	+12347'

Comment:

Example: BGM+X09::10+12347'

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	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
Status O
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..12	**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**	:102'

Comment:

Example: DTM+10:20131201:102'

DTM

No 7
Status R
MaxOcc 1

Despatch date

	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
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 (for definition of handling unit, see process description)	**:9'**

Comment:

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

MEA

No 9
Status R
MaxOcc 1

Shipment's 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's gross weight** Gross weight - weight (mass) without carrier's equipment	**:9'**

Comment:

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

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
	MaxOcc	1

Number of the Packaging Transport Service Order

	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	Transport chain reference
	MaxOcc	1	

RFF	No	13	Transport chain reference
	Status	M	
	MaxOcc	1	

	St	Format	Usage	Example
RFF				RFF
C506	M		**Reference**	
1153	M	an..3	**Reference code qualifier**	+AKI
			AKI Ordering customer's second reference number	
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	Ship from
	MaxOcc	1	
NAD	No	14	**Ship from's - Shipping point empties**
	Status	M	
	MaxOcc	1	

	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. **O91 Assigned by the provider of the empty packaging**	**:O91**
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..35	**Party name** see 3036 # 1	**:X**
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	**+**
3042	C	an..35	**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::O91++X:X+:X+X+X+X+AD'**

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. **O91 Assigned by the provider of the empty packaging**	:O91
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::O91: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 neccessary (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. **O91 Assigned by the provider of the empty packaging**	:O91
C058	N			
3124	N		Not used	+
C080	O		**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	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**	: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::O91++Automotive AG: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	**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	**: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	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..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+Identifier::16++Spediteur Schnell:Name2+Street1:Street2+City++12345+DE'`

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**
			ANK Reference number assigned by third party	
1154	R	n9	**Reference identifier**	**:159753456'**
			DUNS number	

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 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**	+X01
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**

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.

PAC	No 24 Status M MaxOcc 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	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** **O91 Assigned by the provider of the empty packaging**	:O91'

Comment:

Example: `PAC+9++GT00070::O91'`

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	`+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'**

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**
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'
			O91 Assigned by the provider of the empty packaging	

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** **O91 Assigned by the provider of the empty packaging**	`:O91'`

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:O91'`

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	**:Lieferscheinnummer'**

Comment:

Example: **RFF+AAU:Lieferscheinnummer'**

UNT

No 34
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	+57
0062	M	an..14	**Message reference number** Message reference number	+12345'

Comment:

Example: UNT+57+12345'

UNZ

No 35
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'