

VOLKSWAGEN

AKTIENGESELLSCHAFT

Volkswagen VDA 4945 T1 Transport Status Packaging

VDA 3.0 - 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 4945 T1.

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 4945 T1 when implementing this message even they are not yet part of the VW recommendation

2. The process scenario at Volkswagen

The shipment status message for empty packages is expected from all logistics service providers e. g. forwarding agents along the process chain.

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. Referenzen

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
Handling unit status			Transport Packaging Unit (TPU)	2022-11-18	2.0	Added new codes 102, Y13, Y31 - Y39.
SG16	STS	040	4405			218
Shipment status			Shipment status	2022-11-18	2.0	Added new codes 102, Y13, Y31 - Y43, 88.
SG16	STS	022	4405			115
Transport status			Transport status	2022-11-18	2.0	Added new codes - Codes 102, Y13, Y30, Y31, Y44
SG8	STS	015	4405			24
Interchange trailer				2022-10-21	2.0	Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).
	UNZ	053				
Message trailer				2022-10-21	2.0	Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).
	UNT	052				
Handling unit status			Status category code	2022-10-21	2.0	Deleted VDACodeList - 9015 and VDACode X1
SG16	STS	040	9015			X1
						Added OdetteCodeList - ODDC157(1) and added code X1 - Transport Unit Status
Shipment status			Status category code	2022-10-21	2.0	Deleted VDACodeList - 9015 and VDACode X2
SG16	STS	022	9015			X2
						Added OdetteCodeList - ODDC157(1) and added code X2 - Shipment status
Information on the current transport leg			Power type code	2022-10-21	2.0	New F01160
			1			
SG11	TDT	017	7041			
Information on the current transport leg			Power type code	2022-10-21	2.0	Changed Status C -> R
			1			
SG11	TDT	017	7041			
SG3				2022-10-21	2.0	Added SG3 Additional Party ID (DUNS)
SG2				2022-10-21	2.0	Deleted SG2(8) Freight forwarder - DUNS number
SG3				2022-10-21	2.0	Added SG3 Additional Party ID (DUNS)
SG2				2022-10-21	2.0	Deleted SG2(2) Message Sender - DUNS number
SG2				2022-10-21	2.0	Status O -> R
Transport number (LSP) - Bordereau number				2022-10-21	2.0	RFF+AFC moved
SG1	RFF	008				
Status location				2022-10-21	2.0	LOC+172 moved
	LOC	007				
Message header			Association assigned code	2022-10-21	2.0	GAVP25 --> GAVP30
	UNH	003	0057			
Message header			Message release number	2022-10-21	2.0	Directory change from 16A => 20B as of VDA 2.6
	UNH	003	0054			20B
Message header				2022-10-21	2.0	Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).
	UNH	003				
Interchange header			Date of preparation	2022-10-21	2.0	Format n6 -> n8
	UNB	002	0017			Added description: Attention: Difference to S3, 8 digits (including century)!
						Format CCYYMMDD
Interchange header			Syntax version number	2022-10-21	2.0	Deleted code 3.
	UNB	002	0002			X
						Added code X. Added description:

SG	Se	No	DE	Date	Version	Description
						To use syntax version 4 according to the ISO 9735-11 profile, code "X" must be used here.
Interchange header				2022-10-21	2.0	Added remark.
UNB 002						
Service string advice				2022-10-21	2.0	Status O -> R
UNA 001						Added description.
				2022-10-21	2.0	Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).
Actual departure date and time for this transport leg		Date or time or period format code		2021-06-15	1.1	Code 205 added
		203				
SG11	DTM	019	2379			
SG8				2021-06-15	1.1	Added remark for dependency rule
Package identification, assigned by the logistics service provider				2020-02-28	1.0	New segment GIN+X01.
SG28 GIN 051						
Goods item details		Packaging code of the packaging supplier		2020-02-28	1.0	Remark added: If the package type code is not known, use the "UNKNOWN". In this case the measurements of the transport packaging unit are mandatory. For bundles, the type of the bundle can be specified here.
SG25 GID 044 7065		VW0012				
Goods item details		Packaging code of the packaging supplier		2020-02-28	1.0	Status O --> R
SG25 GID 044 7065		VW0012				
Current place of arrival		Geo coordinates - latitude/longitude		2020-02-28	1.0	Remark changed.
SG12 LOC 020 3223						
Message Recipient name and address				2020-02-28	1.0	Remark added: This segment is used, when the receiving party of the message differ from the business partners involved in the transaction (e.g. ship-from and ship-to, buyer and seller, etc.)
SG2 NAD 011						
Message Recipient name and address				2020-02-28	1.0	Remark deleted: 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 ophysical goods.
SG2 NAD 011						
Message Sender				2020-02-28	1.0	Remark added: This segment is used, when the sending party of the message differ from the business partners involved in the transaction (e.g. ship-from and ship-to, buyer and seller, etc.).
SG2 NAD 009						
Message Sender				2020-02-28	1.0	Remark deleted: 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.
SG2 NAD 009						
Status location		Status location - latitude / longitude		2020-02-28	1.0	Remark changed.
LOC 007 3223						
Beginning of message		Document identifier		2020-02-28	1.0	Format an..70 --> an..35
BGM 004 1004						

SG	Se	No	DE	Date	Version	Description
Message header						
	UNH	003	0057	2020-02-28	1.0	GBOJ10 --> GAVP25
Interchange header						
	UNB	002	0014	2020-02-28	1.0	Remark deleted: 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!
Interchange header						
	UNB	002	0014	2020-02-28	1.0	Remark added: Address of an application or an internal system at receiver's side.
Handling unit status						
SG16	STS	040	4405	2019-11-26	1.0	Code deleted: 74
			218			
Shipment status						
SG16	STS	022		2019-11-26	1.0	DE 4404 deleted.
Date and time of the geo position						
	DTM	006	2379	2019-11-26	1.0	Code 207 --> 208
			203			

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+IFTSTA:D:20B:UN:GAVP30 ' '
BGM	4	M	1	Beginning of message BGM+77:::6:EMPTY-PICKSF+X+9 ' '
DTM	5	R	1	Status message date DTM+137:201712010000:203 ' '
DTM	6	C	9	Date and time of the geo position DTM+334:201711281430:203 ' '
LOC	7	R	1	Status location LOC+172+759238686:::16:Status location text+52.515738, 13.393085 ' '
SG1		O	1	Transport number (LSP) - Bordereau number
RFF	8	M	1	Transport number (LSP) - Bordereau number RFF+AFC:Transportnum(LSP) ' '
SG2		R	1	Message Sender
NAD	9	M	1	Message Sender NAD+MS+Identifier:::091 ' '
SG3		O	1	Additional Party ID (DUNS)
RFF	10	M	1	Reference RFF+ANK:123456789 ' '
SG2		O	1	Message Recipient
NAD	11	M	1	Message Recipient name and address NAD+MR+VW:::091 ' '
SG2		O	1	Freight forwarder / transport service provider
NAD	12	M	1	Freight forwarder - name and address NAD+FW+9876543210:::091 ' '
SG3		O	1	Additional Party ID (DUNS)
RFF	13	M	1	Reference RFF+ANK:123456789 ' '
SG5		O	1	Transport equipment and status information
EQD	14	M	1	Equipment details EQD+X01 ' '
SG8		D	9	Transport status

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

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Tag	No	St	MaxOcc	Name
STS	15	M	1	Transport status STS+1+24::10+62:::Remark on the status of a shipment'
DTM	16	R	1	Status date / time DTM+78:201712010000:203'
SG11		R	1	Information on the current transport leg
TDT	17	M	1	Information on the current transport leg TDT+X01+Route ID+30+T07:::X+++license plate:::DE++1'
DTM	18	O	1	Estimated arrival date time at the end of the transport leg DTM+132:20131201:203'
DTM	19	O	1	Actual departure date and time for this transport leg DTM+136:20131201:203'
SG12		O	1	Place of arrival
LOC	20	M	1	Current place of arrival LOC+60+Place of Arrival ID::16:Place of Arrival as Text+52.515738, 13.393085'
SG15		D	9999	Shipment and status information
CNI	21	M	1	Shipment ID CNI++144+9'
SG16		D	99	Shipment status
STS	22	M	1	Shipment status STS+X2+115::10+62:::Remark on the status of a shipment'
RFF	23	O	1	Tracking ID RFF+AVU:12345'
RFF	24	O	1	Transport number assigned by authorities, e.g. EKAER number in Hungary RFF+AEL:12345'
RFF	25	O	1	Movement reference number (MRN) assigned by the sytem of the customs administration (ATLAS in Germany) in case of export out of the EU RFF+ABT:12345'
RFF	26	O	1	Number of the Packaging Transport Service Order RFF+TIN:PackagingTransportOrderNumber'
RFF	27	D	1	Transport chain reference RFF+AKI:Transportkettenreferenz-Nr. '
RFF	28	O	3	Reference to waybill (s) RFF+HWB:WayBillNumber'
RFF	29	O	950	Shipment / Delivery note reference RFF+AAU:55612:1'
DTM	30	R	1	Status date / time DTM+78:201312010000:203'
DTM	31	O	1	Estimated arrival date time for the shipment DTM+132:20131201:102'

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Tag	No	St	MaxOcc	Name
DTM	32	O	1	Expiration date of the Movement Reference Number (MRN) DTM+192:20160101:102'
SG17		R	1	Despatch Party (Ship from)
NAD	33	M	1	Empty Equipment Despatch Party name and address NAD+SF+0012459846:::091'
SG17		R	1	Despatch Party (Ship from) - DUNS number
NAD	34	M	1	Empty Equipment Despatch Party (Ship from's plant) - DUNS number NAD+SF+123456789:::16'
SG17		O	1	Ship to
NAD	35	M	1	Ship to's name and address NAD+ST+4464464700:::091'
SG17		O	1	Ship to - DUNS number
NAD	36	M	1	Ship to - DUNS number NAD+ST+057456789:::16'
LOC	37	O	1	Place of discharge / unloading point LOC+11+Abladestelle Id:::092:Abladestelle'
SG21		O	1	Transport equipment and status information
EQD	38	M	1	Equipment details EQD+CN+ContainerId+:::X'
SEL	39	O	1	Seal number SEL+1234567'
SG16		D	99	Transport Packaging Unit (TPU) status
STS	40	M	1	Handling unit status STS+X1+218:::10+62:::Remark on the status of a handling unit'
DTM	41	R	1	Status date / time DTM+78:20131201:102'
SG17		R	1	Despatch Party (Ship from)
NAD	42	M	1	Empty Equipment Despatch Party name and address NAD+SF+6783543468:::091'
SG17		O	1	Despatch Party (Ship from) - DUNS number
NAD	43	M	1	Empty Equipment Despatch Party (Ship from's plant) - DUNS number NAD+SF+423456789:::16'
SG25		O	99	Transport Packaging Unit (TPU) group details
GID	44	M	1	Goods item details GID++9:VW0012:::091'
DGS	45	O	9	Dangerous goods DGS+++1234'
FTX	46	O	9	Dangerous goods description

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Tag	No	St	MaxOcc	Name
				FTX+AAD+++Text:Text:Text:Text:Text+de '
FTX	47	O	9	Dangerous goods declaration exception FTX+HAZ+++Text:Text:Text:Text:Text+de '
SG28		O	99	List of individual handling units
PCI	48	M	1	Handling unit label type PCI+17 '
GIN	49	R	9999	Label IDs GIN+ML+JUN123456789000012345+JUN123456789000012347+JUN123456789000012346+JUN123456789000012350+JUN123456789000012362 '
GIN	50	O	9999	Serial Number(s) GIN+BN+DATAIDENTIFIERUNDUNSNUMBERBEHÄLTERT: YPSERIALNUMBER+DATAIDENTIFIERUNDUNSNUMBERBEHÄLTERT: YPSERIALNUMBER+DATAIDENTIFIERUNDUNSNUMBERBEHÄLTERT: YPSERIALNUMBER+DATAIDENTIFIERUNDUNSNUMBERBEHÄLTERT: YPSERIALNUMBER '
GIN	51	O	1	Package identification, assigned by the logistics service provider GIN+X01+54321 '
UNT	52	M	1	Message trailer UNT+54+12345 '
UNZ	53	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 . Decimal point full stop;	.
UNA4	M	an1	Release indicator ? Question mark;	?
UNA5	M	an1	Reserved for future use Blank;	
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 ; UNOB ; UNOC ; UNOD ;	+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 ;	: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.	: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 ; Only to be used for data interchange test purposes. Omit this element for valid interchanges If a test indicator is transmitted the message is not forwarded to the final receiving system. A verification of the message will be carried out and the sender will receive a report.	+1'

Comment: The structure of the EDIFACT interchange and the specification of the service segments for

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electronic data exchange used in the automotive industry are described in detail in the VDA Recommendation 4900.

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
++++++1'`

UNHNo 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 IFTSTA ;	+IFTSTA
0052	M	an..3	Message version number D ;	:D
0054	M	an..3	Message release number 20B ;	:20B
0051	M	an..2	Controlling agency UN ;	:UN
0057	R	an..6	Association assigned code Identification of the subset release, assigned by VDA. GAVP30 VDA Transport Status Report - IFTSTA V3.0	:GAVP30 '

Comment:**Example:** UNH+12345+IFTSTA:D:20B:UN:GAVP30 '

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 77 ;	+77
1131	N		Not used	:
3055	R	an..3	Code list responsible agency code 6 ; Code specifying the agency responsible for a code list.	: 6
1000	R	an..35	Process indicator EMPTY- Bei Ankunft (zu senden ab letztem GEO-ARRIVAL Fence vor Ankunft beim Ship-To) EMPTY- Regelmäßige Meldung der Geolokation GEOLOC EMPTY- (Pick up at ship from) Bei Übernahme des PICKSF Transports beim Versender - Sendungsnummer unbekannt EMPTY- Informationen während des Transports TRANSIT (nicht bei Ankunft am Werk) EMPTY- Eingang ins / Ausgang aus dem Crossdock XDOKK	: EMPTY-PICKSF
C106	R		Document/message identification	
1004	R	an..35	Document identifier	+X
1225	R	an..3	Message function code Code 9 denominates messages sent from the LSP to the packaging manager. Code 5 denominates corrections to previously sent status details. BGM DE 1004 must contain the number of the message to be corrected. 9 ; 5 ;	+9 '

Comment:**Example:** BGM+77 : : 6 : EMPTY-PICKSF+X+9 '

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DTM

No 5
Status R
MaxOcc 1

Status message 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 ;	+137
2380	R	an..17	Date or time or period text Date/time of creation of message	:201712010000
2379	R	an..3	Date or time or period format code 203 ;	:203'

Comment:

Example: **DTM+137:201712010000:203'**

DTM

No 6
Status C
MaxOcc 9

Date and time of the geo position

	St	Format	Usage	Example
DTM				DTM
C507	M		Date/time/period	
2005	M	an..3	Date or time or period function code qualifier 334 ;	+334
2380	R	an..35	Date or time or period text	:201711281430
2379	R	an..3	Date or time or period format code When the format qualifier 205 or 207 is used, the time is displayed according to UTC (Universal Time Coordinated) with the time deviation (+ or -) in hours and minutes. 201601011000+0000: 1 January 2016 10:00 UTC 201601011000+0100: 1 January 2016 10:00 UTC + 1 hour. This corresponds to the Central European Time. 201601011000-0600: 1. Januar 2016 10:00 UTC - 6 hour. This corresponds to the Central Standard Time (CST). 203 ; 204 ; 205 ; 208 ;	:203'

Comment: If the date and time of the geoposition deviate from the time specifications for a status (DTM+78), the exact time specification for a geo position can be specified here.

Example: **DTM+334:201711281430:203'**

LOC

No 7
Status R
MaxOcc 1

Status location

	St	Format	Usage	Example
LOC				LOC
3227	M	an..3	Location function code qualifier 172 ;	+172
C517	D		Location identification	
3225	R	n9	Status location ID	+759238686
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 ;	:16
3224	O	an..256	Status 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).	:Status location text
C519	D		Related location one identification	
3223	R	an..35	Status location - latitude / longitude Geo coordinates in decimal degrees: latitude, longitude For latitude: positive values identify the northern hemisphere, negative values the southern hemisphere (-90..90). For longitude: positive values identify the east of the zero meridian, negative values the west of the zero meridian (-180..180).	+52.515738, 13.393085'

Comment: Specifying C517 or C519 is mandatory.

Example: **LOC+172+759238686::16:Status location text+52.515738, 13.393085'**

SG1	Status	O	Transport number (LSP) - Bordereau number
	MaxOcc	1	
RFF	No	8	Transport number (LSP) - Bordereau number
	Status	M	
	MaxOcc	1	

St	Format	Usage	Example
RFF			RFF
C506	M	Reference	
1153	M	an..3 Reference code qualifier AFC ;	+AFC
1154	R	an..17 Transport number (LSP) - Bordereau number	: Transportnum (LSP) '

Comment:

Example: **RFF+AFC:Transportnum(LSP) '**

SG2	Status R MaxOcc 1	Message Sender
NAD	No 9 Status M MaxOcc 1	Message Sender

St	Format	Usage	Example
NAD			NAD
3035	M an..3	Party function code qualifier MS ;	+MS
C082	R	Party identification details	
3039	M an10	Party identifier Volkswagen supplier number (3055 = 091) with leading zeroes. If no Volkswagen supplier code is known it has to be applied.	+Identifier
1131	N	Not used	:
3055	R an..3	Code list responsible agency code 091 Assigned by the provider of the empty packaging	:091 '

Comment: This segment is used, when the sending party of the message differ from the business partners involved in the transaction (e.g. ship-from and ship-to, buyer and seller, etc.).

Example: **NAD+MS+Identifier::091 '**

SG2	Status R MaxOcc 1	Message Sender
SG3	Status O MaxOcc 1	Additional Party ID (DUNS)
RFF	No 10 Status M MaxOcc 1	Reference

St	Format	Usage	Example
RFF			RFF
C506	M	Reference	
1153	M an..3	Reference code qualifier ANK ;	+ANK
1154	R n9	Reference identifier	: 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	Message Recipient
NAD	No 11 Status M MaxOcc 1	Message Recipient name and address

St	Format	Usage	Example
NAD			NAD
3035	M an..3	Party function code qualifier MR ;	+MR
C082	R	Party identification details	
3039	M an..35	Party identifier Will be determined by the responsible person prior implementation VW Volkswagen	+VW
1131	N	Not used	:
3055	R an..3	Code list responsible agency code 091 Assigned by the provider of the empty packaging	:091 '

Comment: A message contains Message Recipient.
This segment is used, when the receiving party of the message differ from the business partners involved in the transaction (e.g. ship-from and ship-to, buyer and seller, etc.)

Example: **NAD+MR+VW : :091 '**

SG2	Status	O	Freight forwarder / transport service provider
	MaxOcc	1	
NAD	No	12	Freight forwarder - name and address
	Status	M	
	MaxOcc	1	

St	Format	Usage	Example
NAD			NAD
3035	M an..3	Party function code qualifier FW ;	+FW
C082	R	Party identification details	
3039	R an10	Party identifier Volkswagen supplier number (3055 = 091) with leading zeroes. If no Volkswagen supplier code is known it needs to be requested.	+9876543210
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 '

Comment: The freight forwarder is the business partner put in charge of the organisation of the transport. That could also be the logistics service provider e.g. consolidation center.

Example: **NAD+FW+9876543210 : :091 '**

SG2	Status O MaxOcc 1	Freight forwarder / transport service provider
SG3	Status O MaxOcc 1	Additional Party ID (DUNS)
RFF	No 13 Status M MaxOcc 1	Reference

St	Format	Usage	Example
RFF			RFF
C506	M	Reference	
1153	M an..3	Reference code qualifier ANK ;	+ANK
1154	R n9	Reference identifier	: 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 '**

SG5	Status O MaxOcc 1	Transport equipment and status information
EQD	No 14 Status M MaxOcc 1	Equipment details

St	Format	Usage	Example
EQD			EQD
8053	M an..3	Equipment type code qualifier X01 Trigger	+X01 '

Comment: Information identifying and describing the equipment used.

Example: **EQD+X01 '**

SG5	Status O MaxOcc 1	Transport equipment and status information
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SG8	Status D MaxOcc 9	Transport status
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At least one STS group per SG4 must be sent.

STS+1 Transport status must be sent if SG 10 TDT 8051 (Transport stage) =10, 20, 30,3, X01. If TDT 8051 = X02 no STS+1 need to be sent

STS	No 15 Status M MaxOcc 1	Transport status
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St	Format	Usage	Example
STS			STS
C601	R	Status category	
9015	M an..3	Status category code 1 ;	+1
C555	R	Status	
4405	M an..3	Transport status For interpretation / usage of the codes refer to process description. 1 Arrival, completed 12 Cleared, by customs 16 Crossed border 20 Delayed 24 Departure, completed 31 En route 111 Terminated 125 No status - status not available 126 Customs clearance, in progress 128 Awaiting customs import release Y05 GEO fence crossed Y06 International waters reached Y07 Made ready for pick-up with differences 102 Unknown Y13 Process related downtime Y30 Means of transport changed Y31 Other information Y44 No further status information for this transport	+24
1131	N	Not used	:
3055	R an..3	Code list responsible agency code 10 ;	:10
C556	O	Status reason	
9013	M an..3	Status reason description code 62 ;	+62
1131	N	Not used	:
3055	N	Not used	:
9012	R an..256	Status reason description Remark on the status of a shipment	:Remark on the status of a shipment'

Comment: At least one STS group per SG4 must be sent.

Example: STS+1+24::10+62:::Remark on the status of a shipment'

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

VDA 4945 - IFTSTA Transportstatusmeldung Leergut; VDA 3.0 - VW 2.0

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SG5	Status O MaxOcc 1	Transport equipment and status information
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SG8	Status D MaxOcc 9	Transport status
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At least one STS group per SG4 must be sent.

STS+1 Transport status must be sent if SG 10 TDT 8051 (Transport stage) =10, 20, 30,3, X01. If TDT 8051 = X02 no STS+1 need to be sent

DTM	No 16 Status R MaxOcc 1	Status date / time
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St	Format	Usage	Example
DTM			DTM
C507	M	Date/time/period	
2005	M an..3	Date or time or period function code qualifier 78 ;	+78
2380	R an..17	Status date / time	:201712010000
2379	R an..3	Date or time or period format code 102 ; 203 ; 205 ; When the format qualifier 205 is used, the time is displayed according to UTC (Universal Time Coordinated) with the time deviation (+ or -) in hours and minutes. 201601011000+0000: 1 January 2016 10:00 UTC 201601011000+0100: 1 January 2016 10:00 UTC + 1 hour. This corresponds to the Central European Time. 201601011000-0600: 1. Januar 2016 10:00 UTC - 6 hour. This corresponds to the Central Standard Time (CST).	:203'

Comment:

Example: **DTM+78:201712010000:203'**

SG5	Status O MaxOcc 1	Transport equipment and status information
SG11	Status R MaxOcc 1	Information on the current transport leg
TDT	No 17 Status M MaxOcc 1	Information on the current transport leg

St	Format	Usage	Example
TDT			TDT
8051	M an..3	Transport stage code qualifier X01 Current transport leg X02 at crossdock 10 ; 20 ; 30 ; 3 ;	+X01
8028	O an..17	Means of transport journey identifier Unique reference number assigned by the carrier to a certain route or departure of a transport vehicle.	+Route ID
C220	R	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 50 Mail 60 Multimodal transport 70 Fixed transport Example: pipe line, installations power line... 80 Inland water transport	+30
C001	O	Transport means	
8179	O an..8	Transport means description code T01 Eurotrailer H 2.6, W 2.48, L 13.6 tarpauline or box T02 Megatrailer H 3.0, W 2.48, L 13.6 tarpauline or box T03 Jumbo swap body L 7.82, H 3.0, W 2.48 m T04 Jumbo trailer pull T05 7.5 ton T06 VAN / bus T07 Car T08 Aircraft T09 Ocean Vessel T10 Gigaliner T11 Tautliner T12 Railway wagon	+T07
1131	N	Not used	:
3055	N	Not used	:
8178	O an..17	Travel number of the ship owner / flight number / train number	:X
C040	N		
3127	N	Not used	+
8101	N	Not used	+
C401	N		

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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	St	Format	Usage	Example
8457	N		Not used	+
C222	O		Transport identification	
8213	O	an..35	Transport means identification name identifier Identifier of a means of transport, like license plate etc.	+license plate
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 Diesel 2 Diesel and electric 3 Electric 4 Liquid Propane Gas 5 Petrol 6 Petrol and electric	+1 '

Comment:

Example: TDT+X01+Route ID+30+T07:::X++++license plate:::DE++1 '

SG5	Status MaxOcc	O 1	Transport equipment and status information
SG11	Status MaxOcc	R 1	Information on the current transport leg
DTM	No Status MaxOcc	18 O 1	Estimated arrival date time at the end of the 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 132 ;	+132
2380	R an..17	Estimated arrival date time at the end of the transport leg	:20131201
2379	R an..3	Date or time or period format code When the format qualifier 205 is used, the time is displayed according to UTC (Universal Time Coordinated) with the time deviation (+ or -) in hours and minutes. 201601011000+0000: 1 January 2016 10:00 UTC 201601011000+0100: 1 January 2016 10:00 UTC + 1 hour. This corresponds to the Central European Time. 201601011000-0600: 1. Januar 2016 10:00 UTC - 6 hour. This corresponds to the Central Standard Time (CST). 102 ; 203 ; 205 ;	:203'

Comment:**Example:** **DTM+132:20131201:203'**

SG5	Status MaxOcc	O 1	Transport equipment and status information
SG11	Status MaxOcc	R 1	Information on the current transport leg
DTM	No Status MaxOcc	19 O 1	Actual 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 136 ;	+136
2380	R	an..17	Departure date time for the actual transport leg	:20131201
2379	R	an..3	Date or time or period format code 205 ; 203 ;	:203'

Comment:**Example:** **DTM+136:20131201:203'**

SG5	Status O MaxOcc 1	Transport equipment and status information
SG11	Status R MaxOcc 1	Information on the current transport leg
SG12	Status O MaxOcc 1	Place of arrival
LOC	No 20 Status M MaxOcc 1	Current place of arrival

St	Format	Usage	Example
LOC			LOC
3227	M an..3	Location function code qualifier 60 ;	+60
C517	D	Location identification	
3225	D an..35	Place of discharge ID Location ID	+Place of Arrival ID
1131	N	Not used	:
3055	D 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 ;	:16
3224	D 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
C519	D	Related location one identification Can be used to identify the place of discharge for this transport leg	
3223	R an..35	Geo coordinates - latitude/longitude Geo coordinates in decimal degrees: latitude, longitude For latitude: positive values identify the northern hemisphere, negative values the southern hemisphere (-90..90). For longitude: positive values identify the east of the zero meridian, negative values the west of the zero meridian (-180..180).	+52.515738, 13.393085'

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::16:Place of Arrival as Text+52.515738 , 13.393085'

SG15

Status D
MaxOcc 9999

Shipment and status information

Mandatory if a transport status (SG4/SG7) is not send in the message.

CNI

No 21
Status M
MaxOcc 1

Shipment ID

	St	Format	Usage	Example
CNI				CNI
1490	N		Not used	+
C503	R		Document/message details	
1004	R	an..8	Shipment ID	+144
1312	C	n..4	Consignment load sequence identifier	+9'

Comment:

Example: CNI++144+9'

SG15

Status D
MaxOcc 9999

Shipment and status information

Mandatory if a transport status (SG4/SG7) is not send in the message.

SG16

Status D
MaxOcc 99

Shipment status

At least one STS group per message must be sent.

STS

No 22
Status M
MaxOcc 1

Shipment status

St	Format	Usage	Example
STS			STS
C601	R	Status category	
9015	M an..3	Status category code X2 Shipment status	+X2
C555	R	Status	
4405	M an..3	Shipment status For interpretation / usage of the codes refer to process description VDA 4945. 1 Arrival, completed 12 Cleared, by customs 13 Collection/pick-up, completed - taken over 16 Crossed border 20 Delayed 21 Delivery, completed - delivered / handed over(ok) - Proof of Delivery 24 Departure, completed 29 Unloaded - delivered / handed over(ok) 31 En route 48 Loaded 74 Received - taken over 106 Delivery refused - Reception refused by the Ship-to (of the original despatch advice) 111 Terminated 115 Discrepancy - handed or taken over with differences 117 Missing - taken over with difference in quantity undershipped 125 No status - status not available 126 Customs clearance, in progress 128 Awaiting customs import release 363 Loading, ready - made ready for pick-up Y02 Not taken over Y07 Made ready for pick-up with differences Y08 Loaded, with discrepancies Y12 Delivered / handed over with deviations Y21 Delivered / handed over with deviations - PoD 88 Split consignment 102 Unknown Y13 Process related downtime Y31 Other information Y32 Issue completed - ship-from reports Y33 Issue completed with discrepancy - ship-from reports Y34 Issue not completed - ship-from reports Y35 Pick-up - forwarder or carrier reports Y36 Pick-up completed with discrepancy - forwarder or carrier reports	+115

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

VDA 4945 - IFTSTA Transportstatusmeldung Leergut; VDA 3.0 - VW 2.0

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St	Format	Usage	Example
		Y37 Receipt completed with discrepancy - ship-to reports Y38 Receipt not completed - ship-to reports Y39 Unloading completed with discrepancy - ship-to or LSP reports Y40 Delivery completed/handed over by carrier to the next partner - forwarder or carrier reports Y41 Delivery refused/handed over by carrier to the next partner - forwarder or carrier reports Y42 Proof of delivery (PoD) not completed - forwarder or carrier reports Y43 Delivery not completed/handed over by carrier to the next partner - forwarder or carrier reports	
1131	N	Not used	:
3055	R an..3	Code list responsible agency code 10 ;	:10
C556	O	Status reason	
9013	M an..3	Status reason description code 62 ;	+62
1131	N	Not used	:
3055	N	Not used	:
9012	R an..256	Status reason description Remark on the status of a shipment	:Remark on the status of a shipment'

Comment:

Example: STS+X2+115::10+62:::Remark on the status of a shipment'

SG15	Status D MaxOcc 9999	Shipment and status information
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Mandatory if a transport status (SG4/SG7) is not send in the message.

SG16	Status D MaxOcc 99	Shipment status
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At least one STS group per message must be sent.

RFF	No 23 Status O MaxOcc 1	Tracking ID
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St	Format	Usage	Example
RFF			RFF
C506	M	Reference	
1153	M an..3	Reference code qualifier AVU ;	+AVU
1154	R an..35	Reference number of shipment, assigned by forwarder or freight carrier (e.g. UPS/DHL/DPD number)	: 12345 '

Comment: Reference number of shipment, assigned by forwarder or freight carrier (e.g. UPS/DHL/DPD number)

Example: **RFF+AVU : 12345 '**

SG15

Status D
MaxOcc 9999

Shipment and status information

Mandatory if a transport status (SG4/SG7) is not send in the message.

SG16

Status D
MaxOcc 99

Shipment status

At least one STS group per message must be sent.

RFF

No 24
Status O
MaxOcc 1

Transport number assigned by authorities, e.g. EKAER number in Hungary

	St	Format	Usage	Example
RFF				RFF
C506	M		Reference	
1153	M	an..3	Reference code qualifier AEL ;	+AEL
1154	R	an..35	Transport number assigned by authorities, e.g. EKAER number in Hungary	:12345'

Comment:

Example: **RFF+AEL:12345'**

SG15
 Status D
 MaxOcc 9999
Shipment and status information

Mandatory if a transport status (SG4/SG7) is not send in the message.

SG16
 Status D
 MaxOcc 99
Shipment status

At least one STS group per message must be sent.

RFF
 No 25
 Status O
 MaxOcc 1

Movement reference number (MRN) assigned by the sytem of the customs administration (ATLAS in Germany) in case of export out of the EU

St	Format	Usage	Example
RFF			RFF
C506	M	Reference	
1153	M an..3	Reference code qualifier ABT ;	+ABT
1154	R an..35	Movement reference number (MRN) assigned by the sytem of the customs administration (ATLAS in Germany) in case of export out of the EU	: 12345 '

Comment:

Example: RFF+ABT : 12345 '

SG15Status D
MaxOcc 9999**Shipment and status information**

Mandatory if a transport status (SG4/SG7) is not send in the message.

SG16Status D
MaxOcc 99**Shipment status**

At least one STS group per message must be sent.

RFFNo 26
Status O
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 ;	+TIN
1154	R an..35	Number of the Packaging Transport Service Order The transport order number identifies one packaging transport order (with or without item level) for one transport leg as defined in the original transport order in the BGM segment. All messages with reference to the transport order provide the transport order number by using the RFF+TIN. In case the transport chain consists of more than one transport leg, each transport leg can be ordered individually and has respectively to use its own transport order number. To ensure that this number is unique it has to be used with the globally unique ID of the issuer ID (e.g. DUNS or Odette).	: PackagingTransportOrderNumber'

Comment:**Example:** **RFF+TIN:PackagingTransportOrderNumber'**

SG15Status D
MaxOcc 9999**Shipment and status information**

Mandatory if a transport status (SG4/SG7) is not send in the message.

SG16Status D
MaxOcc 99**Shipment status**

At least one STS group per message must be sent.

RFFNo 27
Status D
MaxOcc 1**Transport chain reference**

St	Format	Usage	Example
RFF			RFF
C506	M	Reference	
1153	M an..3	Reference code qualifier AKI ;	+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 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.	: Transportkett enreferenz- Nr. '

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 : Transportkettenreferenz-Nr. '**

SG15Status D
MaxOcc 9999**Shipment and status information**

Mandatory if a transport status (SG4/SG7) is not send in the message.

SG16Status D
MaxOcc 99**Shipment status**

At least one STS group per message must be sent.

RFFNo 28
Status O
MaxOcc 3**Reference to waybill (s)**

St	Format	Usage	Example
RFF			RFF
C506	M	Reference	
1153	M an..3	Reference code qualifier AAM ; HWB ; MWB ; ?? Ü MWB - ausgestellt vom Frachtführer (bzw. seinem Agenten) - gilt für alle Transportabschnitte, die vom Spediteur ausgeführt werden und für alle Transportarten (Luft, See, Bahn) HWB - Frachtbrief, ausgestellt vom Luft- oder Seefracht-Spediteur (auch Bahn) AAM - Frachtbrief, ausgestellt vom beauftragten Spediteur Von weiteren, transportartenspezifischen Qualifiern wird Abstand genommen, um die Nachricht nicht zu kompliziert zu gestalten.	+HWB
1154	R an..35	Reference to waybill (s)	:WayBillNumber'

Comment:**Example:** `RFF+HWB:WayBillNumber'`

SG15

Status D
MaxOcc 9999

Shipment and status information

Mandatory if a transport status (SG4/SG7) is not send in the message.

SG16

Status D
MaxOcc 99

Shipment status

At least one STS group per message must be sent.

RFF

No 29
Status O
MaxOcc 950

Shipment / Delivery note reference

	St	Format	Usage	Example
RFF				RFF
C506	M		Reference	
1153	M	an..3	Reference code qualifier AAU ;	+AAU
1154	R	n..8	Reference identifier Delivery note number	: 55612
1156	O	n..3	Document line identifier Line number in the delivery note	: 1 '

Comment:

Example: RFF+AAU:55612:1 '

SG15Status D
MaxOcc 9999**Shipment and status information**

Mandatory if a transport status (SG4/SG7) is not send in the message.

SG16Status D
MaxOcc 99**Shipment status**

At least one STS group per message must be sent.

DTMNo 30
Status R
MaxOcc 1**Status date / time**

St	Format	Usage	Example
DTM			DTM
C507	M	Date/time/period	
2005	M an..3	Date or time or period function code qualifier 78 ;	+78
2380	R an..17	Status date / time	:201312010000
2379	R an..3	Date or time or period format code When the format qualifier 205 is used, the time is displayed according to UTC (Universal Time Coordinated) with the time deviation (+ or -) in hours and minutes. 201601011000+0000: 1 January 2016 10:00 UTC 201601011000+0100: 1 January 2016 10:00 UTC + 1 hour. This corresponds to the Central European Time. 201601011000-0600: 1. Januar 2016 10:00 UTC - 6 hour. This corresponds to the Central Standard Time (CST). 102 ; 203 ; 205 ;	:203'

Comment:**Example:** **DTM+78:201312010000:203'**

SG15

Status D
MaxOcc 9999

Shipment and status information

Mandatory if a transport status (SG4/SG7) is not send in the message.

SG16

Status D
MaxOcc 99

Shipment status

At least one STS group per message must be sent.

DTM

No 31
Status O
MaxOcc 1

Estimated arrival date time for the shipment

St	Format	Usage	Example
DTM			DTM
C507	M	Date/time/period	
2005	M an..3	Date or time or period function code qualifier 132 ;	+132
2380	R an..17	Estimated arrival date time at the end of the transport leg	:20131201
2379	R an..3	Date or time or period format code When the format qualifier 205 is used, the time is displayed according to UTC (Universal Time Coordinated) with the time deviation (+ or -) in hours and minutes. 201601011000+0000: 1 January 2016 10:00 UTC 201601011000+0100: 1 January 2016 10:00 UTC + 1 hour. This corresponds to the Central European Time. 201601011000-0600: 1. Januar 2016 10:00 UTC - 6 hour. This corresponds to the Central Standard Time (CST). 102 ; 203 ; 205 ;	:102 '

Comment:

Example: **DTM+132:20131201:102'**

SG15

Status D
MaxOcc 9999

Shipment and status information

Mandatory if a transport status (SG4/SG7) is not send in the message.

SG16

Status D
MaxOcc 99

Shipment status

At least one STS group per message must be sent.

DTM

No 32
Status O
MaxOcc 1

Expiration date of the Movement Reference Number (MRN)

	St	Format	Usage	Example
DTM				DTM
C507	M		Date/time/period	
2005	M	an..3	Date or time or period function code qualifier 192 ;	+192
2380	R	an..35	Expiration date of the Movement Reference Number (MRN)	:20160101
2379	R	an..3	Date or time or period format code 102 ;	:102 '

Comment: Only to be used in connection with RFF+ABT (Movement Reference Number)

Example: **DTM+192:20160101:102'**

SG15	Status D MaxOcc 9999	Shipment and status information
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Mandatory if a transport status (SG4/SG7) is not send in the message.

SG16	Status D MaxOcc 99	Shipment status
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At least one STS group per message must be sent.

SG17	Status R MaxOcc 1	Despatch Party (Ship from)
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NAD	No 33 Status M MaxOcc 1	Empty Equipment Despatch Party name and address
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St	Format	Usage	Example
NAD			NAD
3035	M an..3	Party function code qualifier SF ;	+SF
C082	R	Party identification details	
3039	M n10	Party identifier	+0012459846
1131	N	Not used	:
3055	R an..3	Code list responsible agency code O91 Assigned by the provider of the empty packaging	:O91 '

Comment: To ensure that the shipment number is unique.

Example: **NAD+SF+0012459846 : :O91 '**

SG15	Status D MaxOcc 9999	Shipment and status information
Mandatory if a transport status (SG4/SG7) is not send in the message.		
SG16	Status D MaxOcc 99	Shipment status
At least one STS group per message must be sent.		
SG17	Status R MaxOcc 1	Despatch Party (Ship from) - DUNS number
NAD	No 34 Status M MaxOcc 1	Empty Equipment Despatch Party (Ship from's plant) - DUNS number

St	Format	Usage	Example
NAD			NAD
3035	M an..3	Party function code qualifier SF ;	+SF
C082	R	Party identification details	
3039	R n9	Empty Equipment Despatch Party (Ship from's plant) - DUNS number	+123456789
1131	N	Not used	:
3055	R an..3	Code list responsible agency code Code specifying the agency responsible for a code list. 16 ;	:16'

Comment:

Example: NAD+SF+123456789: :16'

SG15	Status D MaxOcc 9999	Shipment and status information
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Mandatory if a transport status (SG4/SG7) is not send in the message.

SG16	Status D MaxOcc 99	Shipment status
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At least one STS group per message must be sent.

SG17	Status O MaxOcc 1	Ship to
-------------	----------------------	----------------

NAD	No 35 Status M MaxOcc 1	Ship to's name and address
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St	Format	Usage	Example
NAD			NAD
3035	M an..3	Party function code qualifier ST ;	+ST'
C082	R	Party identification details	
3039	R n10	Party identifier VW supplier number	+4464464700
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 '

Comment: If the IFTSTA is used as Bordero, there may be only one Ship-To per message. Several unloading points within a bordero are possible.

Example: **NAD+ST+4464464700 : :091 '**

SG15	Status D MaxOcc 9999	Shipment and status information
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Mandatory if a transport status (SG4/SG7) is not send in the message.

SG16	Status D MaxOcc 99	Shipment status
-------------	-----------------------	------------------------

At least one STS group per message must be sent.

SG17	Status O MaxOcc 1	Ship to - DUNS number
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NAD	No 36 Status M MaxOcc 1	Ship to - DUNS number
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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 n9	Ship to - DUNS number	+057456789
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'

Comment: If the IFTSTA is used as Bordero, there may be only one Ship-To per message. Several unloading points within a bordero are possible.

Example: **NAD+ST+057456789 : 16'**

SG15Status D
MaxOcc 9999**Shipment and status information**

Mandatory if a transport status (SG4/SG7) is not send in the message.

SG16Status D
MaxOcc 99**Shipment status**

At least one STS group per message must be sent.

LOCNo 37
Status O
MaxOcc 1**Place of discharge / unloading point**

St	Format	Usage	Example
LOC			LOC
3227	M an..3	Location function code qualifier 11 ;	+11
C517	R	Location identification	
3225	O an..17	Location identifier Identifier of location, site, etc.	+Abladestelle Id
1131	N	Not used	:
3055	O 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. 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).	: Abladestelle '

Comment: The place where the empty packaging is unloaded from the means of transport.**Example:** LOC+11+Abladestelle Id::092:Abladestelle '

SG15	Status D MaxOcc 9999	Shipment and status information
Mandatory if a transport status (SG4/SG7) is not send in the message.		
SG16	Status D MaxOcc 99	Shipment status
At least one STS group per message must be sent.		
SG21	Status O MaxOcc 1	Transport equipment and status information
EQD	No 38 Status M MaxOcc 1	Equipment details

St	Format	Usage	Example
EQD			EQD
8053	M an..3	Equipment type code qualifier Coded qualifier for type of an equipment. SW = swap body CN ; RR ; SW ; TE ;	+CN
C237	O	Equipment identification	
8260	R an..17	Equipment identifier Identifier of an equipment used.	+ContainerId
C224	O	Equipment size and type	
8155	N	Not used	+
1131	N	Not used	:
3055	N	Not used	:
8154	R an..35	Equipment size and type description	:X'

Comment: Information identifying and describing the equipment used.

Example: **EQD+CN+ContainerId+:::X'**

SG15	Status	D	Shipment and status information
	MaxOcc	9999	

Mandatory if a transport status (SG4/SG7) is not sent in the message.

SG16	Status	D	Shipment status
	MaxOcc	99	

At least one STS group per message must be sent.

SG21	Status	O	Transport equipment and status information
	MaxOcc	1	

SEL	No	39	Seal number
	Status	O	
	MaxOcc	1	

St	Format	Usage	Example
SEL			SEL
9308	R an..35	Seal number	+1234567 '

Comment:

Example: **SEL+1234567 '**

SG15Status D
MaxOcc 9999**Shipment and status information**

Mandatory if a transport status (SG4/SG7) is not send in the message.

SG16Status D
MaxOcc 99**Transport Packaging Unit (TPU) status**

At least one STS group per message must be sent.

STSNo 40
Status M
MaxOcc 1**Handling unit status**

St	Format	Usage	Example
STS			STS
C601	R	Status category	
9015	M an..3	Status category code X1 Transport Unit Status	+X1
C555	R	Status	
4405	M an..3	Transport Packaging Unit (TPU) 13 Collection/pick-up, completed - taken over 29 Unloaded - delivered / handed over(ok) 31 En route 48 Loaded 106 Delivery refused - Reception refused by the Ship-to (of the original despatch advice) 117 Missing - taken over with difference in quantity undershipped 125 No status - status not available 218 Damaged 363 Loading, ready - made ready for pick-up Y01 Quantity deviation - Overshipped Y02 Not taken over Y04 Dirty 102 Unknown Y13 Process related downtime Y31 Other information Y32 Issue completed - ship-from reports Y33 Issue completed with discrepancy - ship-from reports Y34 Issue not completed - ship-from reports Y35 Pick-up - forwarder or carrier reports Y36 Pick-up completed with discrepancy - forwarder or carrier reports Y37 Receipt completed with discrepancy - ship-to reports Y38 Receipt not completed - ship-to reports Y39 Unloading completed with discrepancy - ship-to or LSP reports	+218
1131	N	Not used	:
3055	R an..3	Code list responsible agency code 10 ;	:10
C556	O	Status reason	
9013	M an..3	Status reason description code 62 ;	+62
1131	N	Not used	:
3055	N	Not used	:
9012	R an..256	Status reason description Remark on the status of a handling unit	:Remark on the status of a handling

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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St	Format	Usage	Example
			unit'

Comment:

Example: STS+X1+218::10+62:::Remark on the status of a handling unit'

SG15Status D
MaxOcc 9999**Shipment and status information**

Mandatory if a transport status (SG4/SG7) is not send in the message.

SG16Status D
MaxOcc 99**Transport Packaging Unit (TPU) status**

At least one STS group per message must be sent.

DTMNo 41
Status R
MaxOcc 1**Status date / time**

St	Format	Usage	Example
DTM			DTM
C507	M	Date/time/period	
2005	M an..3	Date or time or period function code qualifier 78 ;	+78
2380	R an..17	Status date / time	:20131201
2379	R an..3	Date or time or period format code When the format qualifier 205 is used, the time is displayed according to UTC (Universal Time Coordinated) with the time deviation (+ or -) in hours and minutes. 201601011000+0000: 1 January 2016 10:00 UTC 201601011000+0100: 1 January 2016 10:00 UTC + 1 hour. This corresponds to the Central European Time. 201601011000-0600: 1. Januar 2016 10:00 UTC - 6 hour. This corresponds to the Central Standard Time (CST). 102 ; 203 ; 205 ;	:102 '

Comment:**Example:** DTM+78:20131201:102'

SG15	Status D MaxOcc 9999	Shipment and status information
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Mandatory if a transport status (SG4/SG7) is not send in the message.

SG16	Status D MaxOcc 99	Transport Packaging Unit (TPU) status
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At least one STS group per message must be sent.

SG17	Status R MaxOcc 1	Despatch Party (Ship from)
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NAD	No 42 Status M MaxOcc 1	Empty Equipment Despatch Party name and address
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St	Format	Usage	Example
NAD			NAD
3035	M an..3	Party function code qualifier SF ;	+SF
C082	R	Party identification details	
3039	M n10	Party identifier VW supplier code	+6783543468
1131	N	Not used	:
3055	R an..3	Code list responsible agency code O91 Assigned by the provider of the empty packaging	:O91 '

Comment: To ensure that the shipment number is unique.

Example: **NAD+SF+6783543468 : :O91 '**

SG15	Status D MaxOcc 9999	Shipment and status information
Mandatory if a transport status (SG4/SG7) is not send in the message.		
SG16	Status D MaxOcc 99	Transport Packaging Unit (TPU) status
At least one STS group per message must be sent.		
SG17	Status O MaxOcc 1	Despatch Party (Ship from) - DUNS number
NAD	No 43 Status M MaxOcc 1	Empty Equipment Despatch Party (Ship from's plant) - DUNS number

St	Format	Usage	Example
NAD			NAD
3035	M an..3	Party function code qualifier SF ;	+SF
C082	R	Party identification details	
3039	M n9	Empty Equipment Despatch Party (Ship from's plant) - DUNS number	+423456789
1131	N	Not used	:
3055	R an..3	Code list responsible agency code 16 ;	:16'

Comment:

Example: NAD+SF+423456789: :16'

SG15Status D
MaxOcc 9999**Shipment and status information**

Mandatory if a transport status (SG4/SG7) is not sent in the message.

SG16Status D
MaxOcc 99**Transport Packaging Unit (TPU) status**

At least one STS group per message must be sent.

SG25Status O
MaxOcc 99**Transport Packaging Unit (TPU) group details**

Must only be sent if information is to be given for certain load units.

E.g. 10 sent, 8 ok and 2 damaged. The two damaged load units must then be indicated here.

GIDNo 44
Status M
MaxOcc 1**Goods item details**

	St	Format	Usage	Example
GID				GID
1496	N		Not used	+
C213	R		Number and type of packages	
7224	R	n..4	Package quantity Number of identical handling units belonging to this group.	+9
7065	R	an..7	Packaging code of the packaging supplier If the package type code is not known, use the "UNKNOWN". In this case the measurements of the transport packaging unit are mandatory. For bundles, the type of the bundle can be specified here.	:VW0012
1131	N		Not used	:
3055	O	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 '

Comment:**Example:** GID++9:VW0012: :091 '

SG15
 Status D
 MaxOcc 9999
Shipment and status information

Mandatory if a transport status (SG4/SG7) is not sent in the message.

SG16
 Status D
 MaxOcc 99
Transport Packaging Unit (TPU) status

At least one STS group per message must be sent.

SG25
 Status O
 MaxOcc 99
Transport Packaging Unit (TPU) group details

Must only be sent if information is to be given for certain load units.

E.g. 10 sent, 8 ok and 2 damaged. The two damaged load units must then be indicated here.

DGS
 No 45
 Status O
 MaxOcc 9
Dangerous goods

St	Format	Usage	Example
DGS			DGS
8273	O an..3	Dangerous goods regulations code	+
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 '

Comment:

Example: DGS+++1234 '

SG15Status D
MaxOcc 9999**Shipment and status information**

Mandatory if a transport status (SG4/SG7) is not sent in the message.

SG16Status D
MaxOcc 99**Transport Packaging Unit (TPU) status**

At least one STS group per message must be sent.

SG25Status O
MaxOcc 99**Transport Packaging Unit (TPU) group details**

Must only be sent if information is to be given for certain load units.

E.g. 10 sent, 8 ok and 2 damaged. The two damaged load units must then be indicated here.

FTXNo 46
Status O
MaxOcc 9**Dangerous goods description**

	St	Format	Usage	Example
FTX				FTX
4451	M	an..3	Text subject code qualifier AAD ;	+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 '**

SG15Status D
MaxOcc 9999**Shipment and status information**

Mandatory if a transport status (SG4/SG7) is not sent in the message.

SG16Status D
MaxOcc 99**Transport Packaging Unit (TPU) status**

At least one STS group per message must be sent.

SG25Status O
MaxOcc 99**Transport Packaging Unit (TPU) group details**

Must only be sent if information is to be given for certain load units.

E.g. 10 sent, 8 ok and 2 damaged. The two damaged load units must then be indicated here.

FTXNo 47
Status O
MaxOcc 9**Dangerous goods declaration exception**

	St	Format	Usage	Example
FTX				FTX
4451	M	an..3	Text subject code qualifier HAZ ;	+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 '**

SG15	Status D MaxOcc 9999	Shipment and status information
Mandatory if a transport status (SG4/SG7) is not send in the message.		
SG16	Status D MaxOcc 99	Transport Packaging Unit (TPU) status
At least one STS group per message must be sent.		
SG25	Status O MaxOcc 99	Transport Packaging Unit (TPU) group details
Must only be sent if information is to be given for certain load units. E.g. 10 sent, 8 ok and 2 damaged. The two damaged load units must then be indicated here.		
SG28	Status O MaxOcc 99	List of individual handling units
PCI	No 48 Status M MaxOcc 1	Handling unit label type

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

Comment: Each segment group 13 represents exactly one handling unit with its components/properties

Example: PCI+17 '

SG15	Status D MaxOcc 9999	Shipment and status information
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Mandatory if a transport status (SG4/SG7) is not sent in the message.

SG16	Status D MaxOcc 99	Transport Packaging Unit (TPU) status
-------------	-----------------------	--

At least one STS group per message must be sent.

SG25	Status O MaxOcc 99	Transport Packaging Unit (TPU) group details
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Must only be sent if information is to be given for certain load units.

E.g. 10 sent, 8 ok and 2 damaged. The two damaged load units must then be indicated here.

SG28	Status O MaxOcc 99	List of individual handling units
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GIN	No 49 Status R MaxOcc 9999	Label IDs
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St	Format	Usage	Example
GIN			GIN
7405	M an..3	Object identification code qualifier ML ;	+ML
C208	M	Identity number range	
7402	M an..22	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	+JUN123456789 000012345
C208	O	Identity number range	
7402	M an..35	Object identifier see 7402 # 1	+JUN123456789 000012347
C208	O	Identity number range	
7402	M an..35	Object identifier see 7402 # 1	+JUN123456789 000012346
C208	O	Identity number range	
7402	M an..35	Object identifier see 7402 # 1	+JUN123456789 000012350
C208	O	Identity number range	
7402	M an..35	Object identifier see 7402 # 1	+JUN123456789 000012362 '

Comment: The unique identifier of a loading unit usually consists of the Data Identifier (e.g. 5J), the Company Identification Number of the ship from (e.g. UN987654321 for the DUNS number) and the serial number of the shipping unit.

Example: **GIN+ML+JUN123456789000012345+JUN123456789000012347+JUN123456789000012346+JUN123456789000012350+JUN123456789000012362 '**

SG15	Status D MaxOcc 9999	Shipment and status information
Mandatory if a transport status (SG4/SG7) is not send in the message.		
SG16	Status D MaxOcc 99	Transport Packaging Unit (TPU) status
At least one STS group per message must be sent.		
SG25	Status O MaxOcc 99	Transport Packaging Unit (TPU) group details
Must only be sent if information is to be given for certain load units. E.g. 10 sent, 8 ok and 2 damaged. The two damaged load units must then be indicated here.		
SG28	Status O MaxOcc 99	List of individual handling units
GIN	No 50 Status O MaxOcc 9999	Serial Number(s)

St	Format	Usage	Example
GIN			GIN
7405	M an..3	Object identification code qualifier BN ;	+BN
C208	M	Identity number range	
7402	M an..35	Object identifier Identity Number Serial number of part. Might consist of data identifier (DI), agency code (e.g. UN for DUNS), manufacturer code (e.g. DUNS number), part number and serial number. If this number is longer than 35 digits, only the first 35 digits are transmitted and the remaining digits are entered in DE 7402#2. Otherwise, DE 7402#2 remains blank.	+DATAIDENTIFI ERUNDUNSNUMBE RBEHÄLTER
7402	D an..35	Object identifier Identity Number Only used, if the serial number is longer than 35 digits. In this case, bytes 36 ... end are transferred here.	: YP SERIALNUMME R
C208	O	Identity number range Further identity numbers	
7402	M an..35	Object identifier Serial number of part. Might consist of data identifier (DI), agency code (e.g. UN for DUNS), manufacturer code (e.g. DUNS number), part number and serial number. If this number is longer than 35 digits, only the first 35 digits are transmitted and the remaining digits are entered in DE 7402#2. Otherwise, DE 7402#2 remains blank.	+DATAIDENTIFI ERUNDUNSNUMBE RBEHÄLTER
7402	O an..35	Object identifier Only used, if the serial number is longer than 35 digits. In this case, bytes 36 ... end are transferred here.	: YP SERIALNUMME R
C208	O	Identity number range Further identity numbers	
7402	M an..35	Object identifier Serial number of part. Might consist of data identifier (DI), agency code (e.g. UN for DUNS), manufacturer code (e.g. DUNS number), part number and serial number. If this number is longer than 35 digits, only the first 35 digits are transmitted and the remaining digits are entered in DE 7402#2. Otherwise, DE 7402#2 remains blank.	+DATAIDENTIFI ERUNDUNSNUMBE RBEHÄLTER
7402	O an..35	Object identifier Only used, if the serial number is longer than 35 digits. In this case, bytes 36 ... end are transferred here.	: YP SERIALNUMME R
Identity number range			

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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Example:

```
GIN+BN+DATAIDENTIFIERUNDUNSNUMBERBEHÄLTER : YP SERIALNUMMER+DATAIDENTIFIERUNDUNSN  
UMBERBEHÄLTER : YP SERIALNUMMER+DATAIDENTIFIERUNDUNSNUMBERBEHÄLTER : YP SERIALNUMME  
R '
```

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SG15	Status D MaxOcc 9999	Shipment and status information
Mandatory if a transport status (SG4/SG7) is not send in the message.		
SG16	Status D MaxOcc 99	Transport Packaging Unit (TPU) status
At least one STS group per message must be sent.		
SG25	Status O MaxOcc 99	Transport Packaging Unit (TPU) group details
Must only be sent if information is to be given for certain load units. E.g. 10 sent, 8 ok and 2 damaged. The two damaged load units must then be indicated here.		
SG28	Status O MaxOcc 99	List of individual handling units
GIN	No 51 Status O MaxOcc 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 '

Comment:

Example: GIN+X01+54321 '

UNTNo 52
Status M
MaxOcc 1**Message trailer**

	St	Format	Usage	Example
UNT				UNT
0074	M	n..6	Number of segments in the message	+54
0062	M	an..14	Message reference number	+12345 '

Comment:**Example:** **UNT+54+12345 '**

UNZNo 53
Status M
MaxOcc 1**Interchange trailer**

St	Format	Usage	Example
UNZ			UNZ
0036	M n..6	Interchange control count	+1
0020	M an..14	Interchange control reference	+144659 '

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