

VOLKSWAGEN

AKTIENGESELLSCHAFT

Volkswagen VDA 4945 T1 Transport Status Material

VDA 3.0

VW 2.1

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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 transport status message is expected from all logistics service providers, such as forwarding agents, along the process chain for the transport of packages.

3. Area of validity

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

4. References

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

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

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

Changelog

SG	Se	No	DE	Date	Version	Description
SG1				2023-10-26	2.1	Changed remark: Old: The Bordereau number must be transmitted to the recipient plant (BGM 1000 = MAT-ARRIVAL) during the last transport section. See also TDT 8051 = 3, 10, 20, 30, X01. New: The Bordereau number is to be transmitted if TDT 8051 = 3, 10, 20, 30, X01.
	Place of discharge / unloading point		Code list responsible agency code	2022-12-29	2.0	Deleted VDACode 92 and added EDIFACT code 92
SG16	LOC ₀₃₈	3055	92			
	Message header		Association assigned code	2022-12-08	2.0	Added remark: In connection with directory 20B and syntax version "X", only code GAVP30 or higher is allowed.
	UNH ₀₀₃	0057				
	Interchange trailer			2022-10-21	2.0	Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).
	UNZ ₀₅₄					
	Message trailer			2022-10-21	2.0	Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).
	UNT ₀₅₃					
	Transport Packaging Unit (TPU) status		Status category code	2022-10-21	2.0	Deleted VDACodeList - 9015 and VDACode X1
SG16	STS ₀₄₁	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 ₀₂₃	9015	X2			Added OdetteCodeList - ODDC157(1) and added code X2 - Shipment status
	Message header		Association assigned code	2022-10-21	2.0	GAVP27 --> GAVP30
	UNH ₀₀₃	0057				
	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 Added description: Attention: Difference to S3, 8 digits (including century)!
	UNB ₀₀₂	0017				Format CCYYMMDD
	Interchange header		Syntax version number	2022-10-21	2.0	Deleted code 3. Added code X. Added description: To use syntax version 4 according to the ISO 9735-11 profile, code "X" must be used here.
	UNB ₀₀₂	0002	X			
	Interchange header			2022-10-21	2.0	Added remark.
	UNB ₀₀₂					
	Service string advice			2022-10-21	2.0	Status O -> R Added description.
	UNA ₀₀₁					
				2022-10-21	2.0	CR - 2021-018
SG2				2022-09-29	2.0	O -> R
	Transport Packaging Unit (TPU) status		Transport Packaging Unit (TPU)	2022-08-02	2.0	Added code Y13 - Process related downtime
SG16	STS ₀₄₁	4405	Y11			
	Shipment status		Shipment status	2022-08-02	2.0	Added code Y13 - Process related downtime
SG16	STS ₀₂₃	4405	115			
	Information on the		Transport means			

SG	Se	No	DE		Date	Version	Description
current transport leg				description code	2022-08-02	2.0	Added code T13 - Gooseneck Chassis
SG11	TDT	018	8179	T07			
Transport status				Transport status	2022-08-02	2.0	Added code Y13 - Process related downtime
SG8	STS	016	4405	31			
SG15					2022-06-03	2.0	Added Remark (EN).
Message trailer					2022-06-02	2.0	Added remark.
UNT		053					
Label IDs				Object identifier	2022-06-02	2.0	Deleted status R as the status in standard is M.
SG28	GIN	050	7402				
Label IDs					2022-06-02	2.0	Added Name.
SG28	GIN	050					
SG21					2022-06-02	2.0	Changed name.
SG17					2022-06-02	2.0	Changed name.
Ship from - identifier					2022-06-02	2.0	Changed name and remark.
SG17	NAD	035					
Transport instruction number				Number of the Transport Service Order	2022-06-02	2.0	Added remark.
SG16	RFF	027	1154				
Reference number of shipment, assigned by freight forwarder or carrier (e.g. UPS/DHL/DPD number)				Reference code qualifier	2022-06-02	2.0	Added remark.
				AVU			
SG16	RFF	024	1153				
Message Sender					2022-06-02	2.0	Added remark.
SG2	NAD	009					
Transport number (LSP) - Bordereau number					2022-05-10	2.0	RFF+AFC moved.
SG1	RFF	008					
Status location					2022-05-10	2.0	LOC+172 moved.
LOC		007					
Shipment ID				Consignment load sequence identifier	2022-05-05	2.0	Added Remark(EN) text.
SG15	CNI	022	1312				
Freight forwarder - name and address					2022-05-05	2.0	Added Remark
SG2	NAD	013					
SG2					2022-05-05	2.0	Deleted SG2(8) Freight forwarder - DUNS number
SG2					2022-05-05	2.0	Deleted SG2(5) Message Recipient - DUNS number
SG2					2022-05-05	2.0	Deleted SG2(2) Message Sender - DUNS number
SG3					2022-05-03	2.0	Added SG3 Additional Party ID (DUNS)
SG3					2022-05-03	2.0	Added SG3 Additional Party ID (DUNS)
SG3					2022-05-03	2.0	Added SG3 Additional Party ID (DUNS)
SG2					2022-05-03	2.0	Changed Status: O -> R.
Information on the current transport leg				Power type code	2021-10-13	2.0	New F01160
SG11	TDT	018	7041	1			
Information on the current transport leg				Power type code	2021-10-13	2.0	Changed Status C -> R
SG11	TDT	018	7041	1			
Information on the current transport leg					2021-10-13	2.0	Changed Status C -> R

SG	Se	No	DE	Date	Version	Description
SG11	TDT	018				
Information on the current transport leg				2021-09-15	2.0	C003/7041 added
SG11	TDT	018	7041			
Message header				2021-09-15	2.0	GAVP25 => GAVP27
UNH	003	0057				
Message header				2021-09-15	2.0	16A => 20B
UNH	003	0054				
Message Recipient name and address				2021-08-12	2.0	Code 91 deleted
SG2	NAD	011	3055			
Shipment status				2020-11-19	2.0	Code "1" added
SG16	STS	023	4405			
Place of discharge / unloading point				2020-07-30	2.0	Code 7 --> Code 11
SG16	LOC	038	3227			
Shipment ID				2020-07-30	2.0	New data element 1312
SG15	CNI	022	1312			
Information on the current transport leg				2020-07-30	2.0	In the container yard process (BGM 1000 = MAT-CY) the container ID is specified here.
SG11	TDT	018	8213			
SG11				2020-07-30	2.0	Deleted remark as it is obsolete: Mandatory information for the last transport section to the recipient plant Code 3 in TDT 8051.
SG5				2020-07-30	2.0	Remark old: Segment group 5, transport equipment and status information, must be transmitted at least once together with the consignment data (SG15) at the start of the transport and when changing the means of transport (TDT DE 8213). Remark new: SG 5, transport equipment and status information, must be transmitted to the receiving plant (BGM 1000 = MAT-ARRIVAL) during the last transport leg, as well as at the beginning of the transport (SG8-STS 4405 = 24 - departure) and when changing the means of transport (TDT DE 8213) at least once together with the consignment data (SG15).
SG5				2020-07-30	2.0	Status O --> D
Beginning of message				2020-07-06	2.0	New process indicator "MAT-CY" for Containeryard-Prozess Hannover
BGM	004	1000				
Information on the current transport leg				2020-04-29	2.0	Format an..35 --> an..12
SG11	TDT	018	8213			
Information on the current transport leg				2020-04-29	2.0	Format an..17 --> an..8
SG11	TDT	018	7130			
Package identification, assigned by the logistics service provider				2020-02-28	1.0	New segment GIN+X01.
SG28	GIN	052				
Goods item details				2020-02-28	1.0	Remark added: If the package type code is not known, use the
SG25	GID	043	7065			

SG	Se	No	DE	Date	Version	Description
						VW0012
						"UNKNOWN".
Goods item details						Packaging code assigned by the buyer
SG25	GID	043	7065	2020-02-28	1.0	Status O --> R
						VW0012
Current place of arrival						Geo coordinates - latitude/longitude
SG12	LOC	021	3223	2020-02-28	1.0	Remark changed.
Message Recipient name and address						
SG2	NAD	011		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.)
Message Recipient name and address						
SG2	NAD	011		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.
Status location						Status location - latitude / longitude
	LOC	007	3223	2020-02-28	1.0	Remark changed.
Beginning of message						Document identifier
	BGM	004	1004	2020-02-28	1.0	Format an..70 --> an..35
Message header						Association assigned code
	UNH	003	0057	2020-02-28	1.0	GBOJ10 --> GAVP25
Interchange header						Routing address
	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						Routing address
	UNB	002	0014	2020-02-28	1.0	Remark added: Address of an application or an internal system at receiver's side.
Goods item details						Packaging code assigned by the buyer
SG25	GID	043	7065	2019-11-26	1.0	Format an..17 --> an..7
						VW0012
Transport Packaging Unit (TPU) status						Transport Packaging Unit (TPU)
SG16	STS	041	4405	2019-11-26	1.0	Code deleted: 74
Place of discharge / unloading point						Location identifier
SG16	LOC	038	3225	2019-11-26	1.0	Format an..5 --> an..3
Place of discharge / unloading point						Location function code qualifier
SG16	LOC	038	3227	2019-11-26	1.0	Code 11 deleted.
Access number at drop-						11

SG	Se	No	DE	Date	Version	Description
off, assigned by the receiving point (ship-to-party), e.g. LkwControl SG16	RFF	031		2019-11-26	1.0	Remark deleted: Transport ID (time slot booking) Remark inserted: As soon as this ID is available, it shall always be indicated in all status messages. On the last transport section, the ID of the time slot booking is mandatory.
Access number at drop-off, assigned by the receiving point (ship-to-party), e.g. LkwControl SG16	RFF	031		2019-11-26	1.0	Name changed: Transport ID, assigned by the consignee --> ID of the time slot booking (e.g. LkwControl) at the consignee's premises.
Shipment status SG16	STS	023		2019-11-26	1.0	DE 4404 deleted.
Current place of arrival SG12	LOC	021	3225	2019-11-26	1.0	Deleted: DUNS no. or plant number of the recipient plant. The recipient plant on the last transport leg must always be transferred. The following rule applies If value in DE 3225 = DUNS-No. then n9 otherwise an..3
Date and time of the geo position DTM	006	2379	203	2019-11-26	1.0	Code 207 --> 208
Status date / time SG16	DTM	042		2019-09-10	1.0	Segment DTM+78 - Status date / time - added, required in VDA 4945.
Goods item details SG25	GID	043	3055	2017-11-27	2.0	Added code 91. Necessary for Full load process.
			91			

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:MAT-PICKSF+X+9 '
DTM	5	R	1	Status message date DTM+137:20171201:102 '
DTM	6	O	1	Date and time of the geo position DTM+334:201711281430:203 '
LOC	7	R	1	Status location LOC+172+759238686::16:Crossdock1;;;Stuttgart;71100;;DE+52.515738, 13.393085 '
SG1		D	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+0024484300::92++Name1:Name2+Street1:Street2+City++12345+FR '
SG3		O	1	Additional Party ID (DUNS)
RFF	10	M	1	Reference RFF+ANK:123456789 '
SG2		R	1	Message Recipient
NAD	11	M	1	Message Recipient name and address NAD+MR+Identifier::92++Name1:Name2+Street1:Street2+City++12345+DE '
SG3		O	1	Additional Party ID (DUNS)
RFF	12	M	1	Reference RFF+ANK:123456789 '
SG2		R	1	Freight forwarder
NAD	13	M	1	Freight forwarder - name and address NAD+FW+0123456789::92++Name1:Name2+Street1:Street2+City++12345+DE '
SG3		R	1	Additional Party ID (DUNS)
RFF	14	M	1	Reference

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

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Tag	No	St	MaxOcc	Name
RFF+ANK:123456789'				
SG5	D	1		Transport equipment and status information
EQD	15	M	1	Equipment details EQD+X01'
SG8	R	9		Transport status
STS	16	M	1	Transport status STS+1+31::10+62:::Remark on the status of a transport'
DTM	17	R	1	Status date / time DTM+78:20171201:102'
SG11	R	1		Information on the current transport leg
TDT	18	M	1	Information on the current transport leg TDT+X01+Route ID+30+T07:::X+++ZZZ:X:X+licenseplate:::DE+ +1'
DTM	19	O	1	Estimated arrival date time at the end of the transport leg DTM+132:20131201:102'
DTM	20	O	1	Actual departure date and time for this transport leg DTM+136:20131201:102'
SG12	O	1		Place of arrival for the current transport leg
LOC	21	M	1	Current place of arrival LOC+60+771987972::16:Place of Arrival as Text+52.515738, 13.393085'
SG15	D	9999		Shipment and status information
CNI	22	M	1	Shipment ID CNI++0+9'
SG16	D	99		Shipment status
STS	23	M	1	Shipment status STS+X2+115::10+62:::Remark on the status of a shipment'
RFF	24	O	1	Reference number of shipment, assigned by freight forwarder or carrier (e.g. UPS/DHL/DPD number) RFF+AVU:12345'
RFF	25	O	1	Transport number assigned by authorities, e.g. EKAER number in Hungary RFF+AEL:12345'
RFF	26	O	1	Movement reference number (MRN) assigned by the system of the customs administration (ATLAS in Germany) in case of export out of the EU RFF+ABT:12345'
RFF	27	O	1	Transport instruction number RFF+TIN:PackagingTransportOrderNumber'
RFF	28	O	1	Transport chain reference RFF+AKI:Transport ID'
RFF	29	O	3	Reference to waybill (s)

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Tag	No	St	MaxOcc	Name
				RFF+HWB:WayBillNumber'
RFF	30	O	950	Shipment / Delivery note reference RFF+AAU:5533:1'
RFF	31	D	1	Access number at drop-off, assigned by the receiving point (ship-to-party), e.g. LkwControl RFF+AAO:290017082300001'
DTM	32	R	1	Status date / time DTM+78:20131201:102'
DTM	33	O	1	Estimated arrival date time for the shipment DTM+132:20131201:102'
DTM	34	O	1	Expiration date of the Movement Reference Number (MRN) DTM+192:20160101:102'
SG17		R	1	Ship from's plant
NAD	35	M	1	Ship from - identifier NAD+SF+0000128310::92'
SG17		R	1	Ship from - additional ID
NAD	36	M	1	Ship-from NAD+SF+012345448::16'
SG17		R	1	Ship to
NAD	37	M	1	Ship to's name and address NAD+ST+11::92'
LOC	38	O	1	Place of discharge / unloading point LOC+11+153::92:Abladestelle'
SG21		O	1	Transport equipment
EQD	39	M	1	Equipment details EQD+CN+ContainerId+:::X'
SEL	40	O	1	Seal number SEL+1234567'
SG16		D	99	Transport Packaging Unit (TPU) status
STS	41	M	1	Transport Packaging Unit (TPU) status STS+X1+Y11::10+62:::Remark on the status of a handling unit'
DTM	42	R	1	Status date / time DTM+78:20131201:102'
SG25		R	99	Transport Packaging Unit (TPU) group details
GID	43	M	1	Goods item details GID++9:VW0012::92+:LF0012::91'
SG26		O	1	Gross weight of the Transport Packaging Unit (TPU)
MEA	44	M	1	Gross weight of the Transport Packaging Unit (TPU) MEA+AAZ+AAB+KGM:9'

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Tag	No	St	MaxOcc	Name
SG26	O	1	1	Length of the Transport Packaging Unit (TPU)
MEA	45	M	1	Length of the Transport Packaging Unit (TPU) MEA+AAZ+LN+MMT : 9 '
SG26	O	1	1	Width of the Transport Packaging Unit (TPU)
MEA	46	M	1	Width of the Transport Packaging Unit (TPU) MEA+AAZ+WD+MMT : 9 '
SG26	O	1	1	Height of the Transport Packaging Unit (TPU)
MEA	47	M	1	Height of the Transport Packaging Unit (TPU) MEA+AAZ+HT+MMT : 9 '
SG26	O	1	1	Volume of the Transport Packaging Unit (TPU)
MEA	48	M	1	Volume of the Transport Packaging Unit (TPU) MEA+AAZ+ABJ+DMQ : 9 '
SG28	R	99	99	List of individual handling units
PCI	49	M	1	Handling unit label type PCI+17 '
GIN	50	R	9999	Label IDs GIN+ML+000012345 : 1JUN123456789000012345+000099999 : 1JUN123456789000099999+000088888 : 1JUN123456789000088888+000098765 : 1JUN123456789000098765+000045456 : 1JUN123456789000045456 '
GIN	51	O	9999	Serial Number(s) GIN+BN+DATAIDENTIFIERUNDUNSNUMBERBEHÄLTERT : YPSERIALNUMMER+DATAIDENTIFIERUNDUNSNUMBERBEHÄLTERT : YPSERIALNUMMER+DATAIDENTIFIERUNDUNSNUMBERBEHÄLTERT : YPSERIALNUMMER+DATAIDENTIFIERUNDUNSNUMBERBEHÄLTERT : YPSERIALNUMMER+DATAIDENTIFIERUNDUNSNUMBERBEHÄLTERT : YPSERIALNUMMER '
GIN	52	O	1	Package identification, assigned by the logistics service provider GIN+X01+54321 '
UNT	53	M	1	Message trailer UNT+54+12345 '
UNZ	54	M	1	Interchange trailer UNZ+1+144659 '

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Segment details

UNA	No	1	Service string advice	
	Status	R		
	MaxOcc	1		
UNA	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 UN/ECE level A UNOB UN/ECE level B UNOC UN/ECE level C UNOD UN/ECE level D	+UNOC
0002	M	an1	Syntax version number To use syntax version 4 according to the ISO 9735-11 profile, code "X" must be used here. X Syntax version 4 ISO 9735-11 profile.	: X
S002	M		Interchange sender	
0004	M	an..35	Sender identification Unique ID of the sender in the data transmission network or system.	+OD012345
0007	O	an..4	Partner identification code qualifier	: 59
0008	O	an..14	Address for reverse routing Address of an application or internal system at sender's site to which reply messages should be routed.	: 123
S003	M		Interchange recipient	
0010	M	an..35	Recipient identification Unique ID of the receiver in the data transmission network or system.	+987654321
0007	O	an..4	Partner identification code qualifier	: 1
0014	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 Interchange is a test 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

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

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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'`

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 IFTSTA International multimodal status report message	+IFTSTA
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. In connection with directory 20B and syntax version "X", only code GAVP30 or higher is allowed. 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 Consignment status report	+77
1131	N		Not used	:
3055	R	an..3	Code list responsible agency code 6 UN/ECE (United Nations - Economic Commission for Europe) Code specifying the agency responsible for a code list.	: 6
1000	R	an..35	Process indicator MAT- Bei Ankunft (zu senden ab letztem GEO-ARRIVAL Fence vor Ankunft beim Ship-To) MAT- Regelmäßige Meldung der Geolokation GEOLOC MAT- (Pick up at ship from) Bei Übernahme des PICKSF Transports beim Versender - Sendungsnummer unbekannt MAT- Informationen während des Transports TRANSIT (nicht bei Ankunft am Werk) MAT- Eingang ins / Ausgang aus dem Crossdock XDOKK MAT-CY Containeryard-process Hannover	: MAT-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. Code 5 denominates corrections to previously sent status details. BGM DE 1004 must contain the number of the message to be corrected. 5 Replace 9 Original	+9 '

Comment:

Example: **BGM+77 : : 6 : MAT-PICKSF+X+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)

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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 Document issue date time	+137
2380	R an..17	Date or time or period text Date/time of creation of message	:20171201
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. 201601011000-6000: 1. January 2016 10:00 UTC - 6 hour. This corresponds to the Central Standard Time (CST). 102 CCYYMMDD 203 CCYYMMDDHHMM 205 CCYYMMDDHHMMZHHMM	:102 '

Comment:**Example:** **DTM+137:20171201:102 '**

DTM

No 6
Status O
MaxOcc 1

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 Status change date/time	+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. January 2016 10:00 UTC - 6 hour. This corresponds to the Central Standard Time (CST). 203 CCYYMMDDHHMM 204 CCYYMMDDHHMMSS 205 CCYYMMDDHHMMZHHMM 208 CCYYMMDDHHMMSSZHHMM	: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 Reporting location	+172
C517	D		Location identification At least either the DEG C517 or C519 must be transmitted.	
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 US, D&B (Dun & Bradstreet Corporation)	: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).	: Crossdock1 ; ; Stuttgart; 71100 ; ;DE
C519	D		Related location one identification At least either the DEG C517 or C519 must be transmitted.	
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:Crossdock1 ; ;Stuttgart;71100 ; ;DE+52.515738,
13.393085'

SG1	Status	D	Transport number (LSP) - Bordereau number
	MaxOcc	1	
The Bordereau number is to be transmitted if TDT 8051 = 3, 10, 20, 30, X01.			
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 Bordereau number	+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 Document/message issuer/sender	+MS
C082	R		Party identification details	
3039	M	an..10	Party identifier Local supplier number	+0024484300
1131	N		Not used	:
3055	R	an..3	Code list responsible agency code 92 Assigned by buyer or buyer's agent	: 92
C058	N			
3124	N		Not used	+
C080	O		Party name	
3036	M	an..35	Party name Single text line for specification of a name	+Name1
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. XX-XXX The use of UN LoCodes is recommended. See www.unece.org/cefact/locode/service/location	+
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	an..3	Country identifier Country coded according to ISO 3166-1	+FR '

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+0024484300 : : 92++Name1 : Name2+Street1 : Street2+City++12345+FR**

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

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SG2	Status R MaxOcc 1	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 Reference number assigned by third party	+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 R 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 Message recipient	+MR
C082	R		Party identification details	
3039	M	an..35	Party identifier Unique identification of a party by an ID.	+Identifier
1131	N		Not used	:
3055	R	an..3	Code list responsible agency code 92 Assigned by buyer or buyer's agent	: 92
C058	N			
3124	N		Not used	+
C080	O		Party name	
3036	M	an..35	Party name Single text line for specification of a name	+Name1
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. XX-XXX The use of UN LoCodes is recommended. See www.unece.org/cefact/locode/service/location	+
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	an..3	Country identifier Country coded according to ISO 3166-1	+DE '

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+Identifier: : 92++Name1: 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)

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SG2	Status R MaxOcc 1	Message Recipient
SG3	Status O MaxOcc 1	Additional Party ID (DUNS)
RFF	No 12 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	: 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	Freight forwarder
NAD	No 13 Status M MaxOcc 1	Freight forwarder - name and address

	St	Format	Usage	Example
NAD				NAD
3035	M	an..3	Party function code qualifier FW Freight forwarder	+FW
C082	R		Party identification details	
3039	R	n10	Party identifier Volkswagen supplier number (3055 = 92) with leading zeroes. If no Volkswagen supplier code is known it has to be applied.	+0123456789
1131	N		Not used	:
3055	R	an..3	Code list responsible agency code Code specifying the agency responsible for a code list. 92 Assigned by buyer or buyer's agent	: 92
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	+Name1
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. XX-XXX The use of UN LoCodes is recommended. See www.unece.org/cefact/locode/service/location	+
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: The freight forwarder is the business partner put in charge of the organisation of the transport.

Example: **NAD+FW+0123456789 : : 92++Name1 : 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)

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SG2	Status MaxOcc	R 1	Freight forwarder
SG3	Status MaxOcc	R 1	Additional Party ID (DUNS)
RFF	No Status MaxOcc	14 M 1	Reference

	St	Format	Usage	Example
RFF				RFF
C506	M		Reference	
1153	M	an..3	Reference code qualifier ANK Reference number assigned by third party	+ANK
1154	R	n9	Reference identifier	: 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 D
 MaxOcc 1
Transport equipment and status information

SG 5, transport equipment and status information, must be transmitted to the receiving plant (BGM 1000 = MAT-ARRIVAL) during the last transport leg, as well as at the beginning of the transport (SG8-STS 4405 = 24 - departure) and when changing the means of transport (TDT DE 8213) at least once together with the consignment data (SG15).

EQD
 No 15
 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 '

SG5Status D
MaxOcc 1**Transport equipment and status information**

SG 5, transport equipment and status information, must be transmitted to the receiving plant (BGM 1000 = MAT-ARRIVAL) during the last transport leg, as well as at the beginning of the transport (SG8-STS 4405 = 24 - departure) and when changing the means of transport (TDT DE 8213) at least once together with the consignment data (SG15).

SG8Status R
MaxOcc 9**Transport status**

At least one STS group per message must be sent.

STSNo 16
Status M
MaxOcc 1**Transport status**

St	Format	Usage	Example
STS			STS
C601	R	Status category	
9015	M an..3	Status category code 1 Transport	+1
C555	R	Status	
4405	M an..3	Transport status For interpretation / usage of the codes refer to process description VDA 4945. 1 Arrival, completed 24 Departure, completed 31 En route Y13 Process related downtime	+31
1131	N	Not used	:
3055	R an..3	Code list responsible agency code 10 ODETTE	:10
C556	O	Status reason	
9013	M an..3	Status reason description code 62 Unknown	+62
1131	N	Not used	:
3055	N	Not used	:
9012	R an..256	Remark on the status of a transport	:Remark on the status of a transport'

Comment: At least one STS group per SG5 must be sent.

Example: STS+1+31::10+62:::Remark on the status of a transport'

SG5Status D
MaxOcc 1**Transport equipment and status information**

SG 5, transport equipment and status information, must be transmitted to the receiving plant (BGM 1000 = MAT-ARRIVAL) during the last transport leg, as well as at the beginning of the transport (SG8-STS 4405 = 24 - departure) and when changing the means of transport (TDT DE 8213) at least once together with the consignment data (SG15).

SG8Status R
MaxOcc 9**Transport status**

At least one STS group per message must be sent.

DTMNo 17
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 Event date/time/period, actual	+78
2380	R an..17	Status date / time	:20171201
2379	R an..3	Date or time or period format code 102 CCYYMMDD 203 CCYYMMDDHHMM 205 CCYYMMDDHHMMZHHMM 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. 201601011000-6000: 1. January 2016 10:00 UTC - 6 hour. This corresponds to the Central Standard Time (CST).	:102 '

Comment:

Example: **DTM+78:20171201:102 '**

SG5Status D
MaxOcc 1**Transport equipment and status information**

SG 5, transport equipment and status information, must be transmitted to the receiving plant (BGM 1000 = MAT-ARRIVAL) during the last transport leg, as well as at the beginning of the transport (SG8-STS 4405 = 24 - departure) and when changing the means of transport (TDT DE 8213) at least once together with the consignment data (SG15).

SG11Status R
MaxOcc 1**Information on the current transport leg****TDT**No 18
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 Pre-carriage transport 20 Main-carriage transport 30 On-carriage transport 3 At arrival	+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 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 Code of mode of transport. Use UN/ECE Recommendation No 19.	+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 T13 Gooseneck Chassis	+T07
1131	N	Not used	:
3055	N	Not used	:
8178	O an..17	Travel number of the ship owner / flight number / train number	:X

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	St	Format	Usage	Example
C040	N			
3127	N		Not used	+
8101	N		Not used	+
C401	O		Authorisation	
8457	M	an..3	Excess transportation reason code ZZZ Mutually defined ZZZ is only a placeholder, indicating that DE is assigned status "M". In the message, only the special route number (or similar reference) is transmitted in DE 7130. The responsibilities are to be defined outside of the EDI data exchange.	+ZZZ
8459	M	an..3	Excess transportation responsibility code X Responsibility to be determined	:X
7130	R	an..8	Authorisation number	:X
C222	O		Transport identification	
8213	O	an..12	Transport means identification name identifier Identifier of a means of transport, like license plate etc. In the container yard process (BGM 1000 = MAT-CY) the container ID is specified here.	+licenseplate
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+++ZZZ:X:X+licenseplate:::DE++1 '

SG5Status D
MaxOcc 1**Transport equipment and status information**

SG 5, transport equipment and status information, must be transmitted to the receiving plant (BGM 1000 = MAT-ARRIVAL) during the last transport leg, as well as at the beginning of the transport (SG8-ST5 4405 = 24 - departure) and when changing the means of transport (TDT DE 8213) at least once together with the consignment data (SG15).

SG11Status R
MaxOcc 1**Information on the current transport leg****DTM**No 19
Status O
MaxOcc 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 Transport means arrival date time, estimated	+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. January 2016 10:00 UTC - 6 hour. This corresponds to the Central Standard Time (CST). 102 CCYYMMDD 203 CCYYMMDDHHMM 205 CCYYMMDDHHMMZHHMM	:102 '

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

SG5	Status D MaxOcc 1	Transport equipment and status information
SG 5, transport equipment and status information, must be transmitted to the receiving plant (BGM 1000 = MAT-ARRIVAL) during the last transport leg, as well as at the beginning of the transport (SG8-STS 4405 = 24 - departure) and when changing the means of transport (TDT DE 8213) at least once together with the consignment data (SG15).		
SG11	Status R MaxOcc 1	Information on the current transport leg
DTM	No 20 Status O MaxOcc 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 Transport means departure date time, actual	+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 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. 201601011000-6000: 1. January 2016 10:00 UTC - 6 hour. This corresponds to the Central Standard Time (CST). 102 CCYYMMDD 203 CCYYMMDDHHMM 205 CCYYMMDDHHMMZHHMM	:102 '

Comment:**Example:** **DTM+136:20131201:102 '**

SG5	Status D MaxOcc 1	Transport equipment and status information
SG 5, transport equipment and status information, must be transmitted to the receiving plant (BGM 1000 = MAT-ARRIVAL) during the last transport leg, as well as at the beginning of the transport (SG8-STS 4405 = 24 - departure) and when changing the means of transport (TDT DE 8213) at least once together with the consignment data (SG15).		
SG11	Status R MaxOcc 1	Information on the current transport leg
SG12	Status O MaxOcc 1	Place of arrival for the current transport leg
LOC	No 21 Status M MaxOcc 1	Current place of arrival

St	Format	Usage	Example
LOC			LOC
3227	M an..3	Location function code qualifier 60 Place of arrival	+60
C517	R	Location identification	
3225	O an..9	Place of arrival (ID) for the current transport leg Location ID	+771987972
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 US, D&B (Dun & Bradstreet Corporation) 92 Assigned by buyer or buyer's agent	:16
3224	O an..256	Place of discharge ID Location (Text) If an address is to be specified here, the individual components are to be transferred in a structured manner, separated by semicolons in the order described: Name; Street, house number; Place; Post Code; Regional code; Country (2 digit ISO code).	:Place of Arrival as Text
C519	O	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+771987972::16:Place of Arrival as Text+52.515738, 13.393085'

SG15

Status D
MaxOcc 9999

Shipment and status information

Mandatory if a transport status (SG5/SG8) is not send in the message.

Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

CNI

No 22
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	+0
1312	O	n..4	Consignment load sequence identifier AUSLAGER-PRIO for Container yard process - Format n1	+9 '

Comment:

Example: **CNI++0+9 '**

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

Mandatory if a transport status (SG5/SG8) is not send in the message.
Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

SG16Status D
MaxOcc 99**Shipment status**

At least one STS group per message must be sent.

STSNo 23
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. 13 Collection/pick-up, completed - taken over 115 Discrepancy - handed or taken over with differences 29 Unloaded - delivered / handed over(ok) Y12 Delivered / handed over with deviations 74 Received - taken over 48 Loaded Y08 Loaded, with discrepancies 21 Delivery, completed - delivered / handed over(ok) - Proof of Delivery Y21 Delivered / handed over with deviations - PoD 31 En route 1 Arrival, completed Y13 Process related downtime	+115
1131	N	Not used	:
3055	R an..3	Code list responsible agency code 10 ODETTE	:10
C556	O	Status reason	
9013	M an..3	Status reason description code 62 Unknown	+62
1131	N	Not used	:
3055	N	Not used	:
9012	R an..256	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

Mandatory if a transport status (SG5/SG8) is not send in the message.

Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

SG16

Status D
MaxOcc 99

Shipment status

At least one STS group per message must be sent.

RFF

No 24
Status O
MaxOcc 1

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

St	Format	Usage	Example
RFF			RFF
C506	M	Reference	
1153	M an..3	Reference code qualifier AVU Unique goods shipment identifier AVU - Reference number assigned by carrier	+AVU
1154	R an..35	Reference number of shipment, assigned by forwarder or freight carrier (e.g. UPS/DHL/DPD number)	:12345 '

Comment:

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

SG15

Status D
MaxOcc 9999

Shipment and status information

Mandatory if a transport status (SG5/SG8) is not send in the message.
Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

SG16

Status D
MaxOcc 99

Shipment status

At least one STS group per message must be sent.

RFF

No 25
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 Delivery number (transport)	+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 (SG5/SG8) is not send in the message.
Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

SG16

Status D
MaxOcc 99

Shipment status

At least one STS group per message must be sent.

RFF

No 26
Status O
MaxOcc 1

Movement reference number (MRN) assigned by the system 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 Goods declaration document identifier, Customs	+ABT
1154	R an..35	Movement reference number (MRN) assigned by the system of the customs administration (ATLAS in Germany) in case of export out of the EU	:12345 '

Comment:

Example: **RFF+ABT :12345 '**

SG15

Status D
MaxOcc 9999

Shipment and status information

Mandatory if a transport status (SG5/SG8) is not send in the message.
Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

SG16

Status D
MaxOcc 99

Shipment status

At least one STS group per message must be sent.

RFF

No 27
Status O
MaxOcc 1

Transport instruction number

St	Format	Usage	Example
RFF			RFF
C506	M	Reference	
1153	M an..3	Reference code qualifier TIN Transport instruction number	+TIN
1154	R an..35	Number of the 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: Transport instruction number of the current transport leg, assigned by the transport ordering party of the current transport stage.

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

SG15
 Status D
 MaxOcc 9999
Shipment and status information

Mandatory if a transport status (SG5/SG8) is not send in the message.
 Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

SG16
 Status D
 MaxOcc 99
Shipment status

At least one STS group per message must be sent.

RFF
 No 28
 Status O
 MaxOcc 1
Transport chain reference

	St	Format	Usage	Example
RFF				RFF
C506	M		Reference	
1153	M	an..3	Reference code qualifier AKI Ordering customer's second reference number	+AKI
1154	R	an..35	Transport chain reference This reference links the individual transport legs of a shipment in a segmented transport chain where each leg has a separate transport order. It is assigned by the 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, such as following transport orders and in the associated billing.	:Transport ID '

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

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

SG15

Status D
MaxOcc 9999

Shipment and status information

Mandatory if a transport status (SG5/SG8) is not send in the message.
Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

SG16

Status D
MaxOcc 99

Shipment status

At least one STS group per message must be sent.

RFF

No 29
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 Waybill number HWB House waybill number MWB Master air waybill number MWB - Issued by the carrier (or his agent) - valid for all transport stages carried out by the forwarder and for all modes of transport (air, sea, rail). HWB - Waybill issued by the air or sea freight forwarder (also rail) AAM - Waybill issued by the appointed forwarder Further, transport type-specific qualifiers are not used in order not to make the message too complicated.	+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 (SG5/SG8) is not send in the message.
Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

SG16

Status D
MaxOcc 99

Shipment status

At least one STS group per message must be sent.

RFF

No 30
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 Despatch note document identifier	+AAU
1154	R	n..8	Reference identifier Delivery note number	: 5533
1156	O	n..3	Document line identifier Line number in the delivery note	: 1 '

Comment:

Example: **RFF+AAU: 5533: 1 '**

SG15

Status D
MaxOcc 9999

Shipment and status information

Mandatory if a transport status (SG5/SG8) is not send in the message.
Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

SG16

Status D
MaxOcc 99

Shipment status

At least one STS group per message must be sent.

RFF

No 31
Status D
MaxOcc 1

Access number at drop-off, assigned by the receiving point (ship-to-party), e.g. LkwControl

	St	Format	Usage	Example
RFF				RFF
C506	M		Reference	
1153	M	an..3	Reference code qualifier AAO Consignment identifier, consignee assigned	+AAO
1154	R	n..15	Access number at drop-off, assigned by the receiving point (ship-to-party)	: 2900170823000 01 '

Comment:

Example: **RFF+AAO:290017082300001 '**

SG15

Status D
MaxOcc 9999

Shipment and status information

Mandatory if a transport status (SG5/SG8) is not send in the message.
Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

SG16

Status D
MaxOcc 99

Shipment status

At least one STS group per message must be sent.

DTM

No 32
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 Event date/time/period, actual	+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. 201601011000-6000: 1. January 2016 10:00 UTC - 6 hour. This corresponds to the Central Standard Time (CST). 102 CCYYMMDD 203 CCYYMMDDHHMM 205 CCYYMMDDHHMMZHHMM	:102 '

Comment:

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

SG15

Status D
MaxOcc 9999

Shipment and status information

Mandatory if a transport status (SG5/SG8) is not send in the message.
Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

SG16

Status D
MaxOcc 99

Shipment status

At least one STS group per message must be sent.

DTM

No 33
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 Transport means arrival date time, estimated	+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. 201601011000-6000: 1. January 2016 10:00 UTC - 6 hour. This corresponds to the Central Standard Time (CST). 102 CCYYMMDD 203 CCYYMMDDHHMM 205 CCYYMMDDHHMMZHHMM	:102 '

Comment:

Example: DTM+132:20131201:102 '

SG15

Status D
MaxOcc 9999

Shipment and status information

Mandatory if a transport status (SG5/SG8) is not send in the message.
Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

SG16

Status D
MaxOcc 99

Shipment status

At least one STS group per message must be sent.

DTM

No 34
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 Expiration date/time of customs document	+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 CCYYMMDD	: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

Mandatory if a transport status (SG5/SG8) is not send in the message.
Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

SG16

Status D
MaxOcc 99

Shipment status

At least one STS group per message must be sent.

SG17

Status R
MaxOcc 1

Ship from's plant**NAD**

No 35
Status M
MaxOcc 1

Ship from - identifier

St	Format	Usage	Example
NAD			NAD
3035	M an..3	Party function code qualifier SF Ship from	+SF
C082	R	Party identification details	
3039	M an..10	Party identifier Unique identification of a party by an ID.	+0000128310
1131	N	Not used	:
3055	R an..3	Code list responsible agency code 92 Assigned by buyer or buyer's agent	: 92 '

Comment: Ship-From
To ensure that the shipment number is unique.

Example: **NAD+SF+0000128310 : : 92 '**

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

Mandatory if a transport status (SG5/SG8) is not send in the message.

Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

SG16Status D
MaxOcc 99**Shipment status**

At least one STS group per message must be sent.

SG17Status R
MaxOcc 1**Ship from - additional ID****NAD**No 36
Status M
MaxOcc 1**Ship-from**

St	Format	Usage	Example
NAD			NAD
3035	M an..3	Party function code qualifier SF Ship from	+SF
C082	R	Party identification details	
3039	M n9	Empty Equipment Despatch Party (Ship from's plant) - DUNS number	+012345448
1131	N	Not used	:
3055	R an..3	Code list responsible agency code 16 US, D&B (Dun & Bradstreet Corporation)	:16'

Comment:**Example:** NAD+SF+012345448: :16'

SG15	Status D MaxOcc 9999	Shipment and status information
Mandatory if a transport status (SG5/SG8) is not send in the message. Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).		

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

SG17	Status R MaxOcc 1	Ship to
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NAD	No 37 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 Ship to	+ST
C082	R	Party identification details	
3039	R an..3	Party identifier Plant number of Ship-to party	+11
1131	N	Not used	:
3055	R an..3	Code list responsible agency code Code specifying the agency responsible for a code list. 92 Assigned by buyer or buyer's agent	: 92 '

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+11 : : 92 '

SG15
 Status D
 MaxOcc 9999
Shipment and status information

Mandatory if a transport status (SG5/SG8) is not send in the message.
 Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

SG16
 Status D
 MaxOcc 99
Shipment status

At least one STS group per message must be sent.

LOC
 No 38
 Status O
 MaxOcc 1
Place of discharge / unloading point

	St	Format	Usage	Example
LOC				LOC
3227	M	an..3	Location function code qualifier 11 Place of discharge	+11
C517	R		Location identification	
3225	R	an..3	Location identifier Identifier of location, site, etc.	+153
1131	N		Not used	:
3055	R	an..3	Code list responsible agency code 92 Assigned by buyer or buyer's agent Code specifying the agency responsible for a code list.	: 92
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 means of transport is unloaded.

Example: LOC+11+153: : 92 :Abladestelle '

SG15

Status D
MaxOcc 9999

Shipment and status information

Mandatory if a transport status (SG5/SG8) is not send in the message.
Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

SG16

Status D
MaxOcc 99

Shipment status

At least one STS group per message must be sent.

SG21

Status O
MaxOcc 1

Transport equipment**EQD**

No 39
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 Container RR Rail car SW Swap body TE Trailer	+CN
C237	R	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
MaxOcc 9999

Shipment and status information

Mandatory if a transport status (SG5/SG8) is not send in the message.
Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

SG16

Status D
MaxOcc 99

Shipment status

At least one STS group per message must be sent.

SG21

Status O
MaxOcc 1

Transport equipment**SEL**

No 40
Status O
MaxOcc 1

Seal number

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 (SG5/SG8) is not send in the message.
Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

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

At least one STS group per message must be sent.

STSNo 41
Status M
MaxOcc 1**Transport Packaging Unit (TPU) 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) For interpretation / usage of the codes refer to process description VDA 4945. Y01 Quantity deviation - Overshipped 117 Missing - taken over with difference in quantity undershipped 218 Damaged Y02 Not taken over Y11 Delivered / handed over (ok) Y13 Process related downtime	+Y11
1131	N	Not used	:
3055	R an..3	Code list responsible agency code 10 ODETTE	:10
C556	O	Status reason	
9013	M an..3	Status reason description code 62 Unknown	+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 unit'

Comment:

Example: STS+X1+Y11::10+62:::Remark on the status of a handling unit'

SG15

Status D
MaxOcc 9999

Shipment and status information

Mandatory if a transport status (SG5/SG8) is not send in the message.
Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

SG16

Status D
MaxOcc 99

Transport Packaging Unit (TPU) status

At least one STS group per message must be sent.

DTM

No 42
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 Event date/time/period, actual	+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. January 2016 10:00 UTC - 6 hour. This corresponds to the Central Standard Time (CST). 102 CCYYMMDD 203 CCYYMMDDHHMM 205 CCYYMMDDHHMMZHHMM	:102 '

Comment:

Example: DTM+78:20131201:102 '

SG15

Status D
MaxOcc 9999

Shipment and status information

Mandatory if a transport status (SG5/SG8) is not sent in the message.
Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

SG16

Status D
MaxOcc 99

Transport Packaging Unit (TPU) status

At least one STS group per message must be sent.

SG25

Status R
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.

GID

No 43
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 assigned by the buyer If the package type code is not known, use the "UNKNOWN".	:VW0012
1131	N		Not used	:
3055	O	an..3	Code list responsible agency code Code specifying the agency responsible for a code list. 92 Assigned by buyer or buyer's agent	: 92
C213	O		Packing type assigned by the empties user, the supplier in the material delivery process	
7224	N		Not used	+
7065	R	an..17	Package type description code	:LF0012
1131	N		Not used	:
3055	R	an..3	Code list responsible agency code Code specifying the agency responsible for a code list. 91 Assigned by seller or seller's agent	: 91 '

Comment:

Example: GID++9:VW0012: : 92+:LF0012: : 91 '

SG15

Status D
MaxOcc 9999

Shipment and status information

Mandatory if a transport status (SG5/SG8) is not send in the message.
Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

SG16

Status D
MaxOcc 99

Transport Packaging Unit (TPU) status

At least one STS group per message must be sent.

SG25

Status R
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.

SG26

Status O
MaxOcc 1

Gross weight of the Transport Packaging Unit (TPU)**MEA**

No 44
Status M
MaxOcc 1

Gross weight of the Transport Packaging Unit (TPU)

	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	R	an..8	Measurement unit code KGM kilogram	+KGM
6314	R	n..9	Gross weight of the Transport Packaging Unit (TPU)	: 9 '

Comment: Optional entry used for delivery notifications (last mile).

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

SG15
 Status D
 MaxOcc 9999
Shipment and status information

Mandatory if a transport status (SG5/SG8) is not send in the message.
 Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

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

At least one STS group per message must be sent.

SG25
 Status R
 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.

SG26
 Status O
 MaxOcc 1
Length of the Transport Packaging Unit (TPU)**MEA**
 No 45
 Status M
 MaxOcc 1
Length of the Transport Packaging Unit (TPU)

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier AAZ Handling unit measurement	+AAZ
C502	R		Measurement details	
6313	R	an..3	Measured attribute code LN Length	+LN
C174	R		Value/range	
6411	R	an..8	Measurement unit code MMT millimetre	+MMT
6314	R	n..9	Length of the Transport Packaging Unit (TPU)	: 9 '

Comment: Optional entry used for delivery notifications (last mile).

Example: **MEA+AAZ+LN+MMT : 9 '**

SG15

Status D
MaxOcc 9999

Shipment and status information

Mandatory if a transport status (SG5/SG8) is not send in the message.
Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

SG16

Status D
MaxOcc 99

Transport Packaging Unit (TPU) status

At least one STS group per message must be sent.

SG25

Status R
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.

SG26

Status O
MaxOcc 1

Width of the Transport Packaging Unit (TPU)**MEA**

No 46
Status M
MaxOcc 1

Width of the Transport Packaging Unit (TPU)

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier AAZ Handling unit measurement	+AAZ
C502	R		Measurement details	
6313	R	an..3	Measured attribute code WD Width dimension	+WD
C174	R		Value/range	
6411	R	an..8	Measurement unit code MMT millimetre	+MMT
6314	R	n..9	Width of the Transport Packaging Unit (TPU)	: 9 '

Comment: Optional entry used for delivery notifications (last mile).

Example: **MEA+AAZ+WD+MMT : 9 '**

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

Mandatory if a transport status (SG5/SG8) is not send in the message.
Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

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

At least one STS group per message must be sent.

SG25Status R
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.

SG26Status O
MaxOcc 1**Height of the Transport Packaging Unit (TPU)****MEA**No 47
Status M
MaxOcc 1**Height of the Transport Packaging Unit (TPU)**

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier AAZ Handling unit measurement	+AAZ
C502	R		Measurement details	
6313	R	an..3	Measured attribute code HT Height dimension	+HT
C174	R		Value/range	
6411	R	an..3	Measurement unit code MMT millimetre	+MMT
6314	R	n..9	Height of the Transport Packaging Unit (TPU)	: 9 '

Comment: Height of packaging
Optional entry used for delivery notifications (last mile).

Example: **MEA+AAZ+HT+MMT : 9 '**

SG15
 Status D
 MaxOcc 9999
Shipment and status information

Mandatory if a transport status (SG5/SG8) is not sent in the message.
 Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

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

At least one STS group per message must be sent.

SG25
 Status R
 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.

SG26
 Status O
 MaxOcc 1
Volume of the Transport Packaging Unit (TPU)**MEA**
 No 48
 Status M
 MaxOcc 1
Volume of the Transport Packaging Unit (TPU)

	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 ABJ Volume	+ABJ
C174	R		Value/range	
6411	R	an..8	Measurement unit code DMQ cubic decimetre MTQ cubic metre	+DMQ
6314	R	n..9	Volume of the Transport Packaging Unit (TPU)	: 9 '

Comment: Optional entry used for delivery notifications (last mile).

Example: **MEA+AAZ+ABJ+DMQ : 9 '**

SG15

Status D
MaxOcc 9999

Shipment and status information

Mandatory if a transport status (SG5/SG8) is not send in the message.
Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

SG16

Status D
MaxOcc 99

Transport Packaging Unit (TPU) status

At least one STS group per message must be sent.

SG25

Status R
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 R
MaxOcc 99

List of individual handling units**PCI**

No 49
Status M
MaxOcc 1

Handling unit label type

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

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

Example: PCI+17 '

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

Mandatory if a transport status (SG5/SG8) is not send in the message.
Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

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

At least one STS group per message must be sent.

SG25Status R
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.

SG28Status R
MaxOcc 99**List of individual handling units****GIN**No 50
Status R
MaxOcc 9999**Label IDs**

St	Format	Usage	Example
GIN			GIN
7405	M an..3	Object identification code qualifier ML Marking/label number	+ML
C208	M	Identity number range	
7402	M n9	Object identifier Label ID from VDA 4987	+000012345
7402	R an22	Object identifier License Plate number from VDA 4987	: 1JUN123456789 000012345
C208	O	Identity number range	
7402	M n9	Object identifier see 7402 # 1	+000099999
7402	R an22	Object identifier see 7402 # 2	: 1JUN123456789 000099999
C208	O	Identity number range	
7402	M n9	Object identifier see 7402 # 1	+000088888
7402	R an22	Object identifier see 7402 # 2	: 1JUN123456789 000088888
C208	O	Identity number range	
7402	M n9	Object identifier see 7402 # 1	+000098765
7402	R an22	Object identifier see 7402 # 2	: 1JUN123456789 000098765
C208	O	Identity number range	
7402	M n9	Object identifier see 7402 # 1	+000045456
7402	R an22	Object identifier see 7402 # 2	: 1JUN123456789 000045456'

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.
Package number specified by supplier, Individual handling unit's transport label number

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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Example: GIN+ML+000012345:1JUN123456789000012345+000099999:1JUN12345678900
0099999+000088888:1JUN123456789000088888+000098765:1JUN1234567890
00098765+000045456:1JUN123456789000045456 '

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

Mandatory if a transport status (SG5/SG8) is not sent in the message.
Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

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

At least one STS group per message must be sent.

SG25Status R
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.

SG28Status R
MaxOcc 99**List of individual handling units****GIN**No 51
Status O
MaxOcc 9999**Serial Number(s)**

	St	Format	Usage	Example
GIN				GIN
7405	M	an..3	Object identification code qualifier BN Serial number	+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 RBEHÄLTERT
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 RBEHÄLTERT
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 RBEHÄLTERT
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

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

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

VDA 4945 T1 - IFTSTA Transportstatusmeldung Vollgut; VDA 3.0; VW 2.1

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	St	Format	Usage	Example
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.	+DATAIDENTIFIERUNDUNSNUMBERBEHÄLTERT
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.	: YPSERIALNUMMER
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.	+DATAIDENTIFIERUNDUNSNUMBERBEHÄLTERT
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.	: YPSERIALNUMMER'

Comment:

Example: GIN+BN+DATAIDENTIFIERUNDUNSNUMBERBEHÄLTERT : YPSERIALNUMMER+DATAIDENTIFIERUNDUNSNUMBERBEHÄLTERT : YPSERIALNUMMER+DATAIDENTIFIERUNDUNSNUMBERBEHÄLTERT : YPSERIALNUMMER+DATAIDENTIFIERUNDUNSNUMBERBEHÄLTERT : YPSERIALNUMMER'

SG15

Status D
MaxOcc 9999

Shipment and status information

Mandatory if a transport status (SG5/SG8) is not sent in the message.
Mandatory for all processes except Pick up at ship from (BGM 1000 = MAT-PICKSF).

SG16

Status D
MaxOcc 99

Transport Packaging Unit (TPU) status

At least one STS group per message must be sent.

SG25

Status R
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 R
MaxOcc 99

List of individual handling units**GIN**

No 52
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 53
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: At least one STS group per message must be sent.**Example:** **UNT+54+12345 '**

UNZNo 54
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 '**