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PORSCHE

Dr. Ing. h.c. F. Porsche AG - VDA 4987 T2 Delivery Note

VDA 2.5
PAG 2.0

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Introduction

This user manual describes the specific features of VDA Recommendation 4987 for Porsche. This recommendation is valid for all Porsche plants. In addition, the regulations of the VDA recommendation, including the packaging examples, apply.

1. Processes

Delivery note and transport data (Advanced Shipping Note, ASN) via VDA 4987 must be sent for all delivery processes (TSL excluded). The ASN must be sent directly after leaving the transport from the supplier's place of dispatch.

Process indicator

A major innovation of the new VDA recommendations is the possibility of transmitting process identifiers. Among other things, it serves to identify and differentiate different processes when using the same message type.

Porsche will transfer the process identifier successively when the new delivery schedule formats are introduced. In VDA 4987 it is expected to be mandatory based on the binding delivery schedule back.

Example

VDA 4984	BGM 1000 = PAG-FAB
VDA 4987	BGM 1000 = PAG-FAB

2. Scope

This recommendation applies to all Porsche locations. A concrete differentiation of the message per location should be made on the basis of the virtual file name.

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3. References

File under Application Manuals Volkswagen Group.
http://www.vwgroupsupply.com/one-kbp-pub/de/kbp_public/information/electronic_data_interchange/electronic_data_interchange.html

VDA
https://www.vda.de/de/verband/organisation/organisation-ausschuesse/arbeitskreis-sid-edi/ak-sid-empfehlungen.html

Odette
http://www.odette.org/publications

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Changelog

SG	Se	No	DE		Date	Version	Description
Seal number SG8	SEL	039			2026-04-20	3.1	Status O --> D
SG8					2026-04-20	3.1	Status O --> D
Height SG11	MEA	067			2026-03-06	3.0	Status changed from O to D
Width SG11	MEA	066			2026-03-06	3.0	Status changed from O to D
Length SG11	MEA	065			2026-03-06	3.0	Status changed from O to D
Volume of the packaging material SG11	MEA	063			2026-03-06	3.0	Status changed from O to D
Net weight of the packaging item SG11	MEA	062			2026-03-06	3.0	Status changed from O to D
Gross weight of the packaging item SG11	MEA	061			2026-03-06	3.0	Status changed from O to D
Beginning of message	BGM	004	1000	Process indicator	2026-03-06	3.0	New Code PAG-STR
SG14					2021-09-13	1.4	Changed MaxRep -> 10 to MaxRep -> 99
Product/service description SG17	IMD	081	7009	Usage code **11**	2021-09-07	1.4	Changed Remark: For all other plants, code 12 may only be transmitted with the process indicator PAG-JIS or PAG-TSL (BGM 1000).
SG20					2021-08-06	1.3	Mandatory wenn Prozesskennzeichen = PAG-TSL
SG14					2021-08-06	1.3	Mandatory wenn Prozesskennzeichen = PAG-TSL
Message header	UNH	003	0057	Association assigned code	2021-03-10	1.3	Code added: GAVF25
Ship from's name and address SG2	NAD	023	3039	Local supplier code	2021-02-23	1.3	Format an..6 --> an6
Seller's name and address SG2	NAD	021	3039	Party identifier	2021-02-23	1.3	Format an..6 --> an5
SG20					2021-02-04	1.3	O -> D
Quantity, type and ownership identifier SG11	PAC	060	7065	Package type description code **0014SCH**	2021-02-04	1.3	Remark extended
SG18					2020-10-07	1.3	Status R --> D Remark added
SG6					2020-10-07	1.3	Status R --> D Remark added
Number of loading units of the shipment	MEA	014			2020-10-07	1.3	Status R --> D Remark added
Storage location SG20	LOC	098	3225	Location identifier	2020-10-06	1.3	an..5 --> an..7
Product/service description SG17	IMD	081	7009	Usage code **11**	2020-08-18	1.2	Description extended
Additional product id				ID number	2020-08-18	1.2	Description extended

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SG	Se	No	DE		Date	Version	Description
SG17	PIA	080	7140				
Quantity, type and ownership identifier					2020-08-18	1.2	Remark extended
SG11	PAC	041					
Outer handling units / Intermediate packaging level					2020-08-18	1.2	Remark extended
SG10	CPS	040					
Ship to's name and address					2020-08-18	1.2	Remark extended
SG2	NAD	026					
Ship from's name and address					2020-08-18	1.2	Remark extended
SG2	NAD	023					
Transport chain reference					2020-08-18	1.2	Remark extended
SG1	RFF	019					
Requested delivery date				Date or time or period format code	2020-08-18	1.2	Description extended
	DTM	007	2379	**203**			
Message header				Association assigned code	2020-08-18	1.2	Code added: GAVF24
	UNH	003	0057				
SG20					2020-07-13	1.2	Status O --> R.
Delivery note date				Date or time or period format code	2020-07-13	1.2	New code 203.
SG18	DTM	088	2379	**102**			
Article number of the customer				Configuration level number	2020-07-13	1.2	New data element 1222.
SG17	LIN	079	1222				
Label ID of the packaging (packaging item number)				Package number specified by supplier	2020-07-13	1.2	Format an9 --> n9.
SG15	GIN	075	7402				
Label ID of the packaging (packaging item number)				Package number specified by supplier	2020-07-13	1.2	Format an9 --> n9.
SG15	GIN	075	7402				
Label ID of the packaging (packaging item number)				Package number specified by supplier	2020-07-13	1.2	Format an9 --> n9.
SG15	GIN	075	7402				
Label ID of the packaging (packaging item number)				Package number specified by supplier	2020-07-13	1.2	Format an9 --> n9.
SG15	GIN	075	7402				
Label ID of the packaging (packaging item number)				Package number specified by supplier	2020-07-13	1.2	Format an9 --> n9.
SG15	GIN	075	7402				
Label / packaging item ID of the packaging items included in the loading unit				Object identifier	2020-07-13	1.2	Status O --> R
SG15	GIN	050	7402				
Label / packaging item ID of the packaging items included in the loading unit				Object identifier	2020-07-13	1.2	Format an9 --> n9.
SG15	GIN	050	7402				
Label / packaging item ID of the packaging items included in the loading unit				Object identifier	2020-07-13	1.2	Status O --> R
SG15	GIN	050	7402				
Label / packaging item ID of the packaging items included in the loading				Object identifier	2020-07-13	1.2	Format an9 --> n9.

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SG	Se	No	DE		Date	Version	Description
unit							
SG15	GIN	050	7402				
Label / packaging item ID of the packaging items included in the loading unit				Object identifier	2020-07-13	1.2	Status O --> R
SG15	GIN	050	7402				
Label / packaging item ID of the packaging items included in the loading unit				Object identifier	2020-07-13	1.2	Format an9 --> n9.
SG15	GIN	050	7402				
Label / packaging item ID of the packaging items included in the loading unit				Object identifier	2020-07-13	1.2	Status O --> R
SG15	GIN	050	7402				
Label / packaging item ID of the packaging items included in the loading unit				Object identifier	2020-07-13	1.2	Format an9 --> n9.
SG15	GIN	050	7402				
Label / packaging item ID of the packaging items included in the loading unit				Object identifier	2020-07-13	1.2	Status O --> R
SG15	GIN	050	7402				
Label / packaging item ID of the packaging items included in the loading unit				Object identifier	2020-07-13	1.2	Format an9 --> n9.
SG15	GIN	050	7402				
Packaging item number of the loading unit.				Label ID of handling unit	2020-07-13	1.2	Format an9 --> n9.
SG15	GIN	049	7402				
Transport information					2020-07-13	1.2	Status R --> O.
SG6	TDT	037					
Beginning of message				Process indicator	2020-07-13	1.2	New code PAG-TSL.
	BGM	004	1000				
Beginning of message				Document name code	2020-07-13	1.2	New code 2.
	BGM	004	1001	**351**			
Reference to delivery schedule, JIT- or JIS-delivery instruction				Reference code qualifier	2020-06-19	1.2	Remark extended: Reference to JIT- or JIS-delivery instruction (e.g. VDA 4915 or 4986 -DELJIT) --> Reference to a delivery instruction (VDA 4984 - DELFOR BGM 1001 = 242 or VDA 4915) or to a JIS-delivery instruction (VDA 4986 - DELJIT)
SG18	RFF	089	1153	**AAN**			
Reference to delivery schedule, JIT- or JIS-delivery instruction				Reference code qualifier	2020-06-19	1.2	Remark extended: Reference to delivery schedule (e.g. VDA 4984 - DELFOR) --> Reference to delivery schedule (VDA 4984 - DELFOR BGM 1001 = 236 or 241)
SG18	RFF	089	1153	**AAN**			
Product/service description				Usage code	2020-06-19	1.2	Remark changed: Only code 12 is permitted for after-sales volumes delivered to the Sachsenheim plant (plant code KP). In the serial process, code 12 identifies a repeat order / reorder and may only be sent in combination with process code PAG-JIS (BGM
SG17	IMD	081	7009	**11**			

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SG	Se	No	DE		Date	Version	Description
							1000) --> Code 12 indicates a repeat order / reorder. For the plant Sachsenheim (plant code KP), only code 12 is permitted here. For all other plants, code 12 may only be transmitted with the process indicator PAG-JIS (BGM 1000).
Related identification numbers				Object identification code qualifier	2020-06-19	1.2	Code XQ - Exception status identifier added.
SG14	GIR	071	7405	**AN**			
Ship from's name and address				Country identifier	2020-06-19	1.2	Status O --> R
SG2	NAD	023	3207	**DE**			
Ship from's name and address				Postal identification code	2020-06-19	1.2	Status O --> R
SG2	NAD	023	3251				
Ship from's name and address				City name	2020-06-19	1.2	Status O --> R
SG2	NAD	023	3164				
Ship from's name and address					2020-06-19	1.2	Status O --> R
SG2	NAD	023					
Ship from's name and address					2020-06-19	1.2	Status O --> R
SG2	NAD	023					
Seller's name and address				Country identifier	2020-06-19	1.2	Status O --> R
SG2	NAD	021	3207	**DE**			
Seller's name and address				Postal identification code	2020-06-19	1.2	Status O --> R
SG2	NAD	021	3251				
Seller's name and address				City name	2020-06-19	1.2	Status O --> R
SG2	NAD	021	3164				
Seller's name and address					2020-06-19	1.2	Status O --> R
SG2	NAD	021					
Seller's name and address					2020-06-19	1.2	Status O --> R
SG2	NAD	021					
Consignment's net weight					2020-06-19	1.2	Status O --> R
	MEA	011					
Storage location				Location identifier	2019-08-14	1.1	an..4 --> an..5
SG20	LOC	098	3225				
SG1					2019-08-14	1.1	Status R --> D New remark: Mandatory for all processes except PAG-JIS (see process indicator in BGM 1000).

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Legend

Format

a..9 alphabetic, variable length, 1 to 9 characters

n..9 numeric, variable length, 1 to 9 digits, without leading zeros

an..9 alphanumeric, variable length, 1 to 9 characters, without following spaces

a9 alpabetic, fixed length, 9 characters

n9 numeric, fixed length, 9 digits, with leading zeros if applicable

an9 alphanumeric fixed length, 9 characters, with following spaces if applicable

EDIFACT-Status

M Mandatory

C Conditional

VW-Status

R Required

O Optional

D Depending

A Advised

N Not used

M and R mean in both cases „Mandatory“.

C and O mean in both cases „Conditional“.

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

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Message type

Tag	No	St	MaxOcc	Name
UNA	1	O	1	Service string advice `UNA:+.? '`
UNB	2	M	1	Interchange header `UNB+UNOC:3+O0013001550GDID0000Z6H::OD0013+O0013000018PORSCHE-SPI::PL2+190523:1600+9999999999++++++1'`
UNH	3	M	1	Message header `UNH+1+DESADV:D:07A:UN:GAVF25'`
BGM	4	M	1	Beginning of message `BGM+351:::PAG-FAB+10546822+9'`
DTM	5	R	1	Despatch advice date `DTM+137:201905231600:203'`
DTM	6	O	1	Requested shipment date `DTM+10:20190523:102'`
DTM	7	R	1	Requested delivery date `DTM+2:201905251315:203'`
DTM	8	R	1	Despatch date `DTM+11:201905231600:203'`
ALI	9	D	1	Indicator for a delivery without change of ownership `ALI+AD++66'`
MEA	10	R	1	Consignment's gross weight `MEA+AAX+AAD+KGM:418'`
MEA	11	R	1	Consignment's net weight `MEA+AAX+AAL+KGM:9'`
MEA	12	O	1	Consignment volume (Total cube) `MEA+AAX+ABJ+MTQ:9'`
MEA	13	O	1	Tara weight of consignment `MEA+AAX+T+KGM:9'`
MEA	14	D	1	Number of loading units of the shipment `MEA+AAE++C62:9'`
MOA	15	O	1	Customs value of the shipment `MOA+40:9:EUR'`
SG1		R	1	Consignment number, assigned by supplier (old: SLB)
RFF	16	M	1	Consignment number, assigned by supplier (old: SLB) `RFF+CRN:10546822'`
SG1		D	1	Transport order reference
RFF	17	M	1	Transport order number (e.g. from 4933 T1 or Discovery) `RFF+TIN:10265549'`
SG1		O	1	Reference number assigned by carrier (e.g. tracking ID)

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Tag	No	St	MaxOcc	Name
RFF	18	M	1	Reference number assigned by carrier (e.g. tracking ID) **RFF+AVU:1234567890'**
SG1		O	1	Transport chain reference
RFF	19	M	1	Transport chain reference **RFF+AKI:Transport ID'**
SG2		O	1	Buyer
NAD	20	M	1	Buyer's name and address **NAD+BY+10010::91++Dr.Ing.h.c. F. Porsche AG:Name2+Porsche platz 1:Street2+Stuttgart Zuffenhausen++70435+DE'**
SG2		D	1	Seller / Supplier
NAD	21	M	1	Seller's name and address **NAD+SE+12345::92++Name1:Name2+Street1:Street2+City++12345 +DE'**
SG3		R	1	Additional Party ID (DUNS)
RFF	22	M	1	Reference **RFF+ANK:123456788'**
SG2		R	1	Ship from
NAD	23	M	1	Ship from's name and address **NAD+SF+123456::92++Name1:Name2+Street1:Street2+City++1234 5+DE'**
SG3		O	1	VAT registration number
RFF	24	M	1	VAT registration number **RFF+VA:Umsatzsteuer ID'**
SG3		R	1	Additional Party ID (DUNS)
RFF	25	M	1	Reference **RFF+ANK:123456789'**
SG2		R	1	Ship to
NAD	26	M	1	Ship to's name and address **NAD+ST+W5::92++DR. ING. H. C. F. PORSCHE AG:::X+Otto-Dürr -Strasse 1:X+Stuttgart++70435+DE'**
LOC	27	R	1	Place of discharge **LOC+11+DZSTA::92:Bau 30 Karossriebau Seitenteil aussen; O tto-Dürr-Straße 1; 70435; Stuttgart'**
LOC	28	O	1	Point of transfer between shipment steps **LOC+13+Umschlagspunkt Id:::Umschlagspunkt'**
SG2		R	1	Freight forwarder
NAD	29	M	1	ID, name, address **NAD+FW+999990::92++Name1:Name2+Street1:Street2+City++1234 5+DE'**
SG3		R	1	Additional Party ID (DUNS)
RFF	30	M	1	Reference

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Tag	No	St	MaxOcc	Name
				RFF+ANK:234567891'
SG2		O	1	Carrier
NAD	31	M	1	Carrier **NAD+CA+123457::92++Name1:Name2+Street1:Street2+City++12345+DE'**
SG3		O	1	Additional Party ID (DUNS)
RFF	32	M	1	Reference **RFF+ANK:345678912'**
SG5		R	1	Terms of delivery
TOD	33	M	1	Terms of delivery or transport **TOD+6++EXW'**
LOC	34	O	1	Location specification for INCOTERMS **LOC+1+:::Schwäbisch Gmünd'**
FTX	35	O	1	Preference authorisation **FTX+CUS+++Text:Text:Text:Text:Text+de'**
FTX	36	O	5	Text for the description of the terms of delivery **FTX+AAR+++Text:Text:Text:Text:Text+de'**
SG6		D	1	Means of transport
TDT	37	M	1	Transport information **TDT+12++30++++ZZZ:X:ABC123+LB-ML3362::84::DE'**
SG8		D	1	Transport equipment
EQD	38	M	1	Equipment / means of transport (trailer / swap body) **EQD+CN+ContainerId'**
SEL	39	D	1	Seal number **SEL+1234567'**
SG10		O	9999	Despatch control line / List of handling unit groups
CPS	40	M	1	Outer handling units / Intermediate packaging level **CPS+1++3'**
SG11		R	1	Handling unit group details - Main packaging
PAC	41	M	1	Quantity, type and ownership identifier **PAC+1+:35:AAC+0000PAL::92+X:0000PAL:SA'**
MEA	42	D	1	Length **MEA+AAZ+LN+MMT:9'**
MEA	43	D	1	Width **MEA+AAZ+WD+MMT:9'**
MEA	44	D	1	Height **MEA+AAZ+HT+MMT:9'**
MEA	45	D	1	Volume **MEA+AAZ+ABJ+DMQ:9'**

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Tag	No	St	MaxOcc	Name
QTY	46	O	1	Maximum stackability **QTY+171:5:PCE'**
QTY	47	R	1	Number of included inner packaging materials **QTY+189:5:PCE'**
SG13		R	1000	List of individual handling units
PCI	48	M	1	Label type of the loading unit **PCI+17+++6J::5'**
SG15		D	1	Number of the transport label of the individual loading units
GIN	49	M	1	Packaging item number of the loading unit. **GIN+ML+140906179:6JUN341431658140906179'**
SG15		D	99	Label / packaging item ID of the packaging items included in the loading unit
GIN	50	M	1	Label / packaging item ID of the packaging items included in the loading unit **GIN+AW+000000001:1JUN123456789000000001+000000002:1JUN123456789000000002+000000003:1JUN123456789000000003+000000004:1JUN123456789000000004+000000005:1JUN123456789000000005'**
SG15		O	99	Control number of a JIT container
GIN	51	M	1	Package control number **GIN+CQ+1'**
SG15		O	99	Package / Container serial number
GIN	52	M	1	Serial Number **GIN+BN+27BUN341431658?+0000000000000000126'**
SG16		O	1	Weight of the individual loading unit
COD	53	M	1	Trigger segment **COD+NO'**
MEA	54	O	1	Gross weight **MEA+AAZ+AAB+KGM:9'**
MEA	55	O	1	Net weight **MEA+AAZ+AAA+KGM:9'**
MEA	56	O	1	Tare weight **MEA+AAZ+T+KGM:100'**
QTY	57	D	1	Quantity of parts in homogeneous handling units. **QTY+52:9:PCE'**
SG11		O	9999	Packaging aid
PAC	58	M	1	Packaging aid **PAC+1+:37:AAC+20L::92+X:20L:SA'**
SG10		R	9999	Despatch control line / group of inner packaging items and article line (packaging carrying parts)
CPS	59	M	1	Despatch control line / group of inner packaging items and article line **CPS+2++1'**

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Tag	No	St	MaxOcc	Name
SG11		R	1	Packaging material group inner packaging material
PAC	60	M	1	Quantity, type and ownership identifier **PAC+8+:35:AAC+0014SCH::92+X:0014SCH:SA'**
MEA	61	D	1	Gross weight of the packaging item **MEA+AAY+G+KGM:9'**
MEA	62	D	1	Net weight of the packaging item **MEA+AAY+AAL+KGM:9'**
MEA	63	D	1	Volume of the packaging material **MEA+AAY+ABJ+LTR:9'**
MEA	64	O	1	Tare weight **MEA+AAY+T+KGM:100'**
MEA	65	D	1	Length **MEA+AAY+LN+MMT:9'**
MEA	66	D	1	Width **MEA+AAY+WD+MMT:9'**
MEA	67	D	1	Height **MEA+AAY+HT+MMT:9'**
QTY	68	O	1	Maximum stackability **QTY+171:9:PCE'**
QTY	69	R	1	Quantity per packaging unit **QTY+52:9:PCE'**
SG13		R	1000	List of the individual packaging items
PCI	70	M	1	Package identification **PCI+17+++1J::5'**
SG14		D	99	Vehicle reference data
GIR	71	M	1	Related identification numbers **GIR+4+2209360:AN+F94NA:AP+2019:XB+1234:XF+0128319:XO'**
SG14		O	1	Batch number, production / expiry date
GIR	72	M	1	Batch number **GIR+1+Charge:BX'**
DTM	73	O	1	Expiration date **DTM+36:20200807:102'**
DTM	74	O	1	Manufacturing date **DTM+94:20200807:102'**
SG15		D	99	Label ID of the packaging (packaging item number)
GIN	75	M	1	Label ID of the packaging (packaging item number) **GIN+ML+000000001:1JUN123456789000000001+000000002:1JUN123456789000000002+000000003:1JUN123456789000000003+000000004:1JUN123456789000000004+000000005:1JUN123456789000000005'**

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Tag	No	St	MaxOcc	Name
SG15		O	1	Tray number in JIS-container
GIN	76	M	1	Tray number **GIN+AO+1'**
SG15		O	99	Package / Container serial number
GIN	77	M	1	Serial Number **GIN+BN+27BUN341431658?+0000000000000000127'**
SG11		O	9999	Packaging aid
PAC	78	M	1	Packaging aid **PAC+8+:37:AAC+12081A::92+X:12081A:SA'**
SG17		R	9999	Article and despatched article
LIN	79	M	1	Article number of the customer **LIN+++991.551.987.01:IN++2'**
PIA	80	D	1	Additional product id **PIA+1+123ABC:SA+01S:DR+H01:BT+0010:AG'**
IMD	81	R	1	Product/service description **IMD+++11::272:Biegewerkzeug gem. Zeichnung 123'**
MEA	82	O	1	Net weight **MEA+PD+AAL+KGM:9'**
QTY	83	R	1	Despatched quantity **QTY+12:9:PCE'**
QTY	84	D	1	Part of the whole quantity of one handling unit **QTY+11:9:PCE'**
ALI	85	R	1	Country of origin, customs regime **ALI+DE+N'**
GIN	86	O	100	Serial Number(s) (e.g. serial number of a HV battery) **GIN+BN+DATAIDENTIFIER:YPSERIALNUMMER+DATAIDENTIFIER:YPSERIALNUMMER+DATAIDENTIFIER:YPSERIALNUMMER+DATAIDENTIFIER:YPSERIALNUMMER+DATAIDENTIFIER:YPSERIALNUMMER'**
SG18		R	1	Delivery note reference
RFF	87	M	1	Delivery note number and delivery note line item **RFF+AAU:12345678:1'**
DTM	88	O	1	Delivery note date **DTM+171:20190523:102'**
SG18		D	1	Reference to delivery schedule, JIT- or JIS-delivery instruction
RFF	89	M	1	Reference to delivery schedule, JIT- or JIS-delivery instruction **RFF+AAN:104'** **RFF+AXA:104'**
DTM	90	O	1	Reference date **DTM+171:20190522:102'**
SG18		R	1	Order reference

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Tag	No	St	MaxOcc	Name
RFF	91	M	1	Purchase order number **RFF+ON:80011052'**
DTM	92	O	1	Reference date **DTM+171:20190101:102'**
SG18		O	1	Invoice document identifier
RFF	93	M	1	Invoice document identifier **RFF+IV:Rechnungsnummer'**
SG19		O	1	Dangerous goods information
DGS	94	M	1	Dangerous goods **DGS+ADR++1234'**
FTX	95	O	1	Dangerous goods description **FTX+AAD+++Text:Text:Text:Text:Text+de'**
FTX	96	O	1	Dangerous goods declaration exception **FTX+HAZ+++Text:Text:Text:Text:Text+de'**
SG20		D	1	Point of use
LOC	97	M	1	Internal place of use **LOC+159+6728SGJ1SAEU2::92'**
SG20		R	1	Storage location
LOC	98	M	1	Storage location **LOC+7+HRL::92:Interner Bestimmungsort'**
UNT	99	M	1	Message trailer **UNT+99+1'**
UNZ	100	M	1	Interchange trailer **UNZ+1+9999999999'**

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Segment details

UNA No 1 Status O 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:

Example: `UNA:+.? '`

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

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UNB

No 2
Status M
MaxOcc 1

Interchange header

	St	Format	Usage	Example
UNB				UNB
S001	M		**Syntax identifier**	
0001	M	a4	**Syntax identifier** **UNOA UN/ECE level A** **UNOB UN/ECE level B** **UNOC UN/ECE level C** **UNOD UN/ECE level D**	+UNOC
0002	M	n1	**Syntax version number** **3 Version 3**	:3
S002	M		**Interchange sender**	
0004	M	an..35	**Sender identification** Odette ID of the sender	+O0013001550GDID0000Z6H
0007	N		Not used	:
0008	O	an..14	**Odette ID for reverse routing**	:OD0013
S003	M		**Interchange recipient**	
0010	M	an..35	**Recipient identification** Odette ID of the receiver.	+O0013000018PORSCHE-SPI
0007	N		Not used	:
0014	O	an..14	**System reference** Original ERP system in the Porsche Group with which the message contents were generated. 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.	:PL2
S004	M		**Date/time of preparation**	
0017	M	n6	**Date of preparation** Format YYMMDD	+190523
0019	M	n4	**Time of preparation** Format HHMM	:1600
0020	M	an..14	**Interchange control reference** Unique ID of an interchange.	+9999999999
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** If a test indicatior is transmitted the message is not forwarded to the final receiving system. Used only if the data exchange is for test purposes. This data element is not sent for valid transmissions.	+1'

Comment:

Example: `UNB+UNOC:3+O0013001550GDID0000Z6H::OD0013+O0013000018PORSCHE-SPI::PL2+190523:1600+9999999999++++++1'`

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UNH

No 3
Status M
MaxOcc 1

Message header

	St	Format	Usage	Example
UNH				UNH
0062	M	an..14	**Message reference number** Message reference number (in the interchange)	+1
S009	M		**Message identifier**	
0065	M	an..6	**Message type** **DESADV Despatch advice message**	+DESADV
0052	M	an..3	**Message version number** **D Draft version/UN/EDIFACT Directory**	:D
0054	M	an..3	**Message release number** **07A Release 2007 - A**	:07A
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. **GAVF22 VDA DESADV Version 2.2** **GAVF24 VDA DESADV Version 2.4** **GAVF25 VDA DESADV Version 2.5**	:GAVF25'

Comment:

Example: `UNH+1+DESADV:D:07A:UN:GAVF25'`

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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** **351 Despatch advice** **2 Summarization despatch advice**	+351
1131	N		Not used	:
3055	N		Not used	:
1000	R	an..35	**Process indicator** **PAG-FAB Porsche daily delivery call-off** **PAG-LAB Porsche Delivery call-off** **PAG-JIS Porsche sequence call-off** **PAG-TSL Porsche daily delivery note** **PAG-STR Porsche Logistics route process** Process indicator from the delivery call-off, on which the delivery is based. The process indicator is currently being transferred only in the VDA 4984. The old EDI formats (e.g. VDA 4915) still be used without a process indicator. For deliveries as answer for those old EDI formats the process identifier must be used as described. In processes with different consecutive call-offs such as LAB-call-off preview and FAB-dispatch call-off is always to be send the indicator of the final call-off. In the example, so FAB.	:PAG-FAB
C106	R		**Document/message identification**	
1004	R	an..35	**Despatch advice number** Unique identifier of DESADV assigned by the supplier. No duplicates within one calendar year.	+10546822
1225	R	an..3	**Message function code** **9 Original**	+9'

Comment:

Example: BGM+351:::PAG-FAB+10546822+9'

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DTM

No 5
Status R
MaxOcc 1

Despatch advice date

	St	Format	Usage	Example
DTM				DTM
C507	M		**Date/time/period**	
2005	M	an..3	**Date or time or period function code qualifier** **137 Document issue date time**	+137
2380	R	n..12	**Date or time or period text** Creation date/time of the DESADV	:201905231600
2379	R	an..3	**Date or time or period format code** **203 CCYYMMDDHHMM**	:203'

Comment:

Example: DTM+137:201905231600:203'

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DTM

No 6
Status O
MaxOcc 1

Requested shipment date

	St	Format	Usage	Example
DTM				DTM
C507	M		**Date/time/period**	
2005	M	an..3	**Date or time or period function code qualifier** **10 Shipment date/time, requested**	+10
2380	R	n..12	**Date or time or period text** Shipping date as requested by buyer. The date is based on the duration of transport as determined by the buyer.	:20190523
2379	R	an..3	**Date or time or period format code** **102 CCYYMMDD** **203 CCYYMMDDHHMM**	:102'

Comment: Pick-up date from the transport order (e.g. Discovery or 4933 T1).

Example: DTM+10:20190523:102'

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DTM

No 7
Status R
MaxOcc 1

Requested delivery date

	St	Format	Usage	Example
DTM				DTM
C507	M		**Date/time/period**	
2005	M	an..3	**Date or time or period function code qualifier** **2 Delivery date/time, requested**	+2
2380	R	n..12	**Date or time or period text** Target goods receipt date/time = SWET Binding date/time set by customer for receipt of goods (as transmitted in DELFOR or DELJIT (JIT/JIS)).	:201905251315
2379	R	an..3	**Date or time or period format code** For delivery call-offs (BGM 1000 = PAG-LAB) the date must be specified in the format CCYYMMDD (2379 = 102). For daily delivery call-offs and sequence call-offs (BGM 1000 = PAG-FAB and PAG-JIS), the date and time must be specified in the format CCYYMMDDHHMMM (2379 = 203). **102 CCYYMMDD** **203 CCYYMMDDHHMM**	:203'

Comment:

Example: DTM+2:201905251315:203'

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DTM

No 8
Status R
MaxOcc 1

Despatch date

	St	Format	Usage	Example
DTM				DTM
C507	M		**Date/time/period**	
2005	M	an..3	**Date or time or period function code qualifier** **11 Despatch date and or time**	+11
2380	R	an..12	**Date or time or period text** The date the goods will be (or were) shipped.	:201905231600
2379	R	an..3	**Date or time or period format code** **203 CCYYMMDDHHMM**	:203'

Comment:

Example: DTM+11:201905231600:203'

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ALI

No 9
Status D
MaxOcc 1

Indicator for a delivery without change of ownership

	St	Format	Usage	Example
ALI				ALI
3239	R	an..3	**Country of origin identifier**	+AD
9213	N		Not used	+
4183	R	an..3	**Special condition code** **66 Delivery without change of ownership**	+66
4183	N		Not used	+'

Comment: The segment can be used to show that the delivery is irrelevant to invoicing.

Example: `ALI+AD++66'`

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MEA

No 10
Status R
MaxOcc 1

Consignment's gross weight

	St	Format	Usage	Example
MEA				**MEA**
6311	M	an..3	**Measurement purpose code qualifier** **AAX Consignment measurement**	**+AAX**
C502	R		**Measurement details**	
6313	R	an..3	**Measured attribute code** **AAD Consignment gross weight**	**+AAD**
C174	R		**Value/range**	
6411	M	an..8	**Measurement unit code** **KGM kilogram**	**+KGM**
6314	R	n..7	**Measure** Gross weight - weight (mass) excluding transport equipment (carrier equipment) The weight is to be rounded up to full kilogramms, except for shipments with less than1 kilogramm	**:418'**

Comment:

Example: **MEA+AAX+AAD+KGM:418'**

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MEA

No 11
Status R
MaxOcc 1

Consignment's net weight

	St	Format	Usage	Example
MEA				**MEA**
6311	M	an..3	**Measurement purpose code qualifier** **AAX Consignment measurement**	**+AAX**
C502	R		**Measurement details**	
6313	R	an..3	**Measured attribute code** **AAL Net weight**	**+AAL**
C174	R		**Value/range**	
6411	M	an..8	**Measurement unit code** **KGM kilogram**	**+KGM**
6314	R	n..7	**Measure** Weight (mass) of the products. The weight is to be rounded up to full kilogramms, except for shipments with less than1 kilogramm	**:9'**

Comment: Net weight: Weight (mass) of the products including packaging

Example: **MEA+AAX+AAL+KGM:9'**

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MEA

No 12
Status O
MaxOcc 1

Consignment volume (Total cube)

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

Comment: Volume of the shipment

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

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MEA

No 13
Status O
MaxOcc 1

Tara weight of consignment

	St	Format	Usage	Example
MEA				**MEA**
6311	M	an..3	**Measurement purpose code qualifier** **AAX Consignment measurement**	**+AAX**
C502	R		**Measurement details**	
6313	R	an..3	**Measured attribute code** **T Tare weight**	**+T**
C174	R		**Value/range**	
6411	M	an..8	**Measurement unit code** **KGM kilogram**	**+KGM**
6314	R	n..12	**Tara weight of consignment** Weight (mass) of the packing materials	**:9'**

Comment: Sum of all weights of the packaging material

Example: **MEA+AAX+T+KGM:9'**

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MEA

No 14
Status D
MaxOcc 1

Number of loading units of the shipment

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	**Measurement purpose code qualifier** **AAE Measurement**	+AAE
C502	N			
6313	N		Not used	+
C174	R		**Value/range**	
6411	M	an..8	**Measurement unit code** **C62 one** **PCE piece**	+C62
6314	R	n..4	**Measure** Actual number of loading units	:9'

Comment: Only for the Summarization despatch advice (BGM 1001 = 2) the indication of the number of loading units of the consignment is not necessary. For all other uses of VDA 4987 (BGM 1001 <> 2) this segment must be sent.

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

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MOA

No 15
Status O
MaxOcc 1

Customs value of the shipment

	St	Format	Usage	Example
MOA				MOA
C516	M		**Monetary amount**	
5025	M	an..3	**Monetary amount type code qualifier** **40 Goods item for customs declared value amount**	+40
5004	R	n..35	**Customs value**	:9
6345	R	an..3	**Currency identification code** Code specifying a currency in ISO 4217 three alpha code	:EUR'

Comment: Amount specified for the purpose of customs processing for the goods of a shipment that are subject to customs regulations.

Example: `MOA+40:9:EUR'`

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SG1	Status	R
	MaxOcc	1

Consignment number, assigned by supplier (old: SLB)

RFF	No	16
	Status	M
	MaxOcc	1

Consignment number, assigned by supplier (old: SLB)

	St	Format	Usage	Example
RFF				RFF
C506	M		**Reference**	
1153	M	an..3	**Reference code qualifier** **CRN Transport means journey identifier**	+CRN
1154	R	an..8	**Reference identifier** Unique reference number assigned to a shipment / tour / exit of a means of transport. Corresponds to the shipment loading reference number of VDA recommendation 4913. Reference number assigned by loader to the shipment / load. Not permitted to repeat the number within a calendar year. For each loading plant of the supplier <-> unloading point and SWET it is necessary to assign only one shipment number. There may only be one shipment number (old: SLB-No.) for each transport order and and it may not extend over several messages. The consignment number consists of up to 8 digits; leading zeros are permitted.	:10546822'

Comment:

Example: `RFF+CRN:10546822'`

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SG1	Status	D
	MaxOcc	1

Transport order reference

RFF	No	17
	Status	M
	MaxOcc	1

Transport order number (e.g. from 4933 T1 or Discovery)

	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	**Reference identifier** Transport order number, the number of the transport order assigned by the sender/shipper	:10265549'

Comment: Mandatory for all processes except PAG-JIS and PAG-TSL (see process indicator in BGM 1000).

Example: `RFF+TIN:10265549'`

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SG1	Status	O
	MaxOcc	1

Reference number assigned by carrier (e.g. tracking ID)

RFF	No	18
	Status	M
	MaxOcc	1

Reference number assigned by carrier (e.g. tracking ID)

	St	Format	Usage	Example
RFF				RFF
C506	M		**Reference**	
1153	M	an..3	**Reference code qualifier** **AVU Unique goods shipment identifier**	+AVU
1154	R	an..35	**Reference number assigned by carrier (e.g. tracking ID from UPS)**	:1234567890'

Comment:

Example: RFF+AVU:1234567890'

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SG1	Status	O	Transport chain reference
	MaxOcc	1	

RFF	No	19	Transport chain reference
	Status	M	
	MaxOcc	1	

	St	Format	Usage	Example
RFF				RFF
C506	M		**Reference**	
1153	M	an..3	**Reference code qualifier**	+AKI
			AKI Ordering customer's second reference number	
1154	R	an..35	**Transport chain reference**	:Transport ID'

Comment: This reference forms the parenthesis for the individual shipment stages of a shipment with in each case separately in a segmented transport chain. It is assigned by the contractor of the first transfer order and confirmed in the transfer order confirmation.
In segmented transportation chains, this reference should be transferred in all further messages and consequently also in the accounting.
In case of shipment split, the forwarder must create a new transport chain reference for each new shipment.
forgive.

Example: `RFF+AKI:Transport ID'`

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SG2	Status	O	**Buyer**
	MaxOcc	1	

NAD	No	20	**Buyer's name and address**
	Status	M	
	MaxOcc	1	

	St	Format	Usage	Example
NAD				NAD
3035	M	an..3	**Party function code qualifier** **BY Buyer**	+BY
C082	R		**Party identification details**	
3039	M	an..35	**Party identifier** Unique identifier of business partner (customer number, supplier number, DUNS number, etc.).	+10010
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)** **91 Assigned by seller or seller's agent** **92 Assigned by buyer or buyer's agent**	:91
C058	N			
3124	N		Not used	+
C080	O		**Party name**	
3036	M	an..35	**Party name** Text line for the name Single text line for specification of a name	+Dr.Ing.h.c. F. Porsche AG
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	+Porscheplatz 1
3042	O	an..35	**Street and number or post office box identifier**	:Street2
3164	O	an..35	**City name** The name of the city, town, or village of this address.	+Stuttgart Zuffenhausen
C819	O		**Country subdivision details**	
3229	R	an..9	**Country subdivision identifier** State or region within a country. The use of UN LoCodes is recommended.	+
3251	O	an..17	**Postal identification code** Identifier of one or more address data properties according to the postal service of the respective country	+70435
3207	O	an..3	**Country identifier** Country coded according to ISO 3166-1	+DE'

Comment:

Example: `NAD+BY+10010::91++Dr.Ing.h.c. F. Porsche AG:Name2+Porscheplatz 1:Street2+Stuttgart Zuffenhausen++70435+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 D, MaxOcc 1 **Seller / Supplier**

Mandatory for all Non-EDL-Processes.

NAD No 21, Status M, MaxOcc 1 **Seller's name and address**

	St	Format	Usage	Example
NAD				NAD
3035	M	an..3	**Party function code qualifier** **SE Seller**	+SE
C082	R		**Party identification details**	
3039	M	an5	**Party identifier** Local supplier number as transmitted in the call-off.	+12345
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
C058	N			
3124	N		Not used	+
C080	R		**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	R		**Street**	
3042	M	an..35	**Street and number or post office box identifier** Part of address identifying the location of a building, normally given together with street.	+Street1
3042	O	an..35	**Street and number or post office box identifier** see 3042 # 1	:Street2
3164	R	an..35	**City name** The name of the city, town, or village of this address.	+City
C819	O		**Country subdivision details**	
3229	R	an..9	**Country subdivision identifier** State or region within a country. The use of UN LoCodes is recommended.	+
3251	R	an..17	**Postal identification code** Identifier of one or more address data properties according to the postal service of the respective country	+12345
3207	R	a2	**Country identifier** Provides the country part of an address using a code. Use ISO3166 two alpha code.	+DE'

Comment: The address data should be taken from NAD+SE of the delivery call-off VDA 4984, if it is necessary and reasonable.

Example: `NAD+SE+12345::92++Name1:Name2+Street1:Street2+City++12345+DE'`

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SG2 Status D, MaxOcc 1 — **Seller / Supplier**

Mandatory for all Non-EDL-Processes.

SG3 Status R, MaxOcc 1 — **Additional Party ID (DUNS)**

RFF No 22, Status M, MaxOcc 1 — **Reference**

	St	Format	Usage	Example
RFF				RFF
C506	M		**Reference**	
1153	M	an..3	**Reference code qualifier**	+ANK
			ANK Reference number assigned by third party	
1154	R	an..70	**Reference identifier**	:123456788'
			DUNS number	

Comment:

Example: RFF+ANK:123456788'

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SG2	Status	R	Ship from
	MaxOcc	1	
NAD	No	23	**Ship from's name and address**
	Status	M	
	MaxOcc	1	

	St	Format	Usage	Example
NAD				NAD
3035	M	an..3	**Party function code qualifier** **SF Ship from**	+SF
C082	R		**Party identification details**	
3039	R	an6	**Local supplier code** Local supplier number as transmitted in the call-off. If the actual ship-from differs from the ship-from given in the call-off, here ist to be specify the supplier code of the actual ship-from.	+123456
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	M	an..35	**Name and address description**	+
C080	R		**Party name**	
3036	M	an..35	**Party name** Single text line for party name	+Name1
3036	O	an..35	**Party name** see 3036 # 1	:Name2
C059	R		**Street**	
3042	M	an..35	**Street and number or post office box identifier** Part of address identifying the location of a building, normally given together with street	+Street1
3042	O	an..35	**Street and number or post office box identifier** see 3042 # 1	:Street2
3164	R	an..35	**City name** The name of the city, town, or village of this address.	+City
C819	O		**Country subdivision details**	
3229	R	an..9	**Country subdivision identifier** State or region within a country. The use of UN LoCodes is recommended.	+
3251	R	an..17	**Postal identification code** Identifier of one or more address data properties according to the postal service of the respective country	+12345
3207	R	a2	**Country identifier** Country coded according to ISO 3166-1	+DE'

Comment: Ship-from: the business partner that physically sends the goods or provides collection.
The address data of the shipper must be taken from the NAD+SF of the delivery call-off VDA 4984.
They can be shortened, if there is a requirement for printing the shipment documents and the label is necessary.

Example: `NAD+SF+123456::92++Name1:Name2+Street1:Street2+City++12345+DE'`

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SG2	Status R MaxOcc 1	**Ship from**
SG3	Status O MaxOcc 1	**VAT registration number**
RFF	No 24 Status M MaxOcc 1	**VAT registration number**

	St	Format	Usage	Example
RFF				**RFF**
C506	M		**Reference**	
1153	M	an..3	**Reference code qualifier** **VA VAT registration number**	**+VA**
1154	R	an..17	**Reference identifier** Unique identifier assigned to a business partner for the purpose of VAT handling by tax authorities.	**:Umsatzsteuer ID'**

Comment:

Example: `RFF+VA:Umsatzsteuer ID'`

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SG2	Status R MaxOcc 1	**Ship from**
SG3	Status R MaxOcc 1	**Additional Party ID (DUNS)**
RFF	No 25 Status M MaxOcc 1	**Reference**

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

Comment:

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

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SG2	Status	R	Ship to
	MaxOcc	1	
NAD	No	26	**Ship to's name and address**
	Status	M	
	MaxOcc	1	

	St	Format	Usage	Example
NAD				NAD
3035	M	an..3	**Party function code qualifier** **ST Ship to**	+ST
C082	R		**Party identification details**	
3039	M	an..3	**Party identifier** Plant number (an..3) as transmitted in the call-off.	+W5
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	M	an..35	**Name and address description**	+
C080	O		**Party name**	
3036	M	an..35	**Party name** Single text line for specification of a name	+DR. ING. H. C. F. PORSCHE AG
3036	O	an..35	**Party name** Single text line for specification of a name	:
3036	O	an..35	**Party name** Part of address identifying the location of a building, normally given together with street	:
3036	O	an..35	**Party name**	:X
C059	O		**Street**	
3042	M	an..35	**Street and number or post office box identifier** Part of address identifying the location of a building, normally given together with street	+Otto-Dürr-Strasse 1
3042	O	an..35	**Street and number or post office box identifier**	:X
3164	O	an..35	**City name** The name of the city, town, or village of this address.	+Stuttgart
C819	O		**Country subdivision details**	
3229	R	a2	**Country subdivision identifier** State or region within a country. The use of UN LoCodes is recommended.	+
3251	O	an..17	**Postal identification code** Identifier of one or more address data properties according to the postal service of the respective country	+70435
3207	O	an..3	**Country identifier** Country coded according to ISO 3166-1	+DE'

Comment: The plant number, name, street, house number, postal code and country code are always transmitted. Additional address data is transmitted, if available in the master data.

Example: `NAD+ST+W5::92++DR. ING. H. C. F. PORSCHE AG:::X+Otto-Dürr-Strasse 1:X+Stuttgart++70435+DE'`

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SG2	Status	R	**Ship to**
	MaxOcc	1	

LOC	No	27	**Place of discharge**
	Status	R	
	MaxOcc	1	

	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..5	**Place of discharge** Identifier of location, site, etc.	+DZSTA
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
3224	O	an..256	**Location name** Name of place/location	:Bau 30 Karossriebau Seitenteil aussen; Otto-Dürr-Straße 1; 70435; Stuttgart'

Comment: Location where goods are unloaded from transport vehicle.

Example: `LOC+11+DZSTA::92:Bau 30 Karossriebau Seitenteil aussen; Otto-Dürr-Straße 1; 70435; Stuttgart'`

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SG2	Status	R
	MaxOcc	1

Ship to

LOC	No	28
	Status	O
	MaxOcc	1

Point of transfer between shipment steps

	St	Format	Usage	Example
LOC				`LOC`
3227	M	an..3	**Location function code qualifier** **13 Place of transhipment**	`+13`
C517	R		**Location identification**	
3225	O	an..35	**Location identifier** City / place / location ID	`+Umschlagspunkt Id`
1131	N		Not used	`:`
3055	N		Not used	`:`
3224	O	an..256	**Location name** City / place / location name	`:Umschlagspunkt'`

Comment: For transports with pre-run / main run, this handling point identifies the transition between transport stages. The date information (arrival times), however, concern the unloading point!

Example: `LOC+13+Umschlagspunkt Id:::Umschlagspunkt'`

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SG2	Status R MaxOcc 1	**Freight forwarder**
NAD	No 29 Status M MaxOcc 1	**ID, name, 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	an..6	**Party identifier** Supplier number of the freight forwarder assigned by Porsche.	+999990
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	M	an..35	**Name and address description**	+
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. The use of UN LoCodes is recommended.	+
3251	O	an..17	**Postal identification code** Identifier of one or more address data properties according to the postal service of the respective country	+12345
3207	O	a2	**Country identifier** Country coded according to ISO 3166-1	+DE'

Comment: The freight forwarder is the business partner commissioned with the transport organisation.

Example: `NAD+FW+999990::92++Name1:Name2+Street1:Street2+City++12345+DE'`

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SG2	Status R MaxOcc 1	**Freight forwarder**
SG3	Status R MaxOcc 1	**Additional Party ID (DUNS)**
RFF	No 30 Status M MaxOcc 1	**Reference**

	St	Format	Usage	Example
RFF				RFF
C506	M		**Reference**	
1153	M	an..3	**Reference code qualifier**	+ANK
			ANK Reference number assigned by third party	
1154	R	n9	**DUNS number**	:234567891'

Comment:

Example: RFF+ANK:234567891'

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SG2	Status	O	Carrier
	MaxOcc	1	
NAD	No	31	**Carrier**
	Status	M	
	MaxOcc	1	

	St	Format	Usage	Example
NAD				NAD
3035	M	an..3	**Party function code qualifier** **CA Carrier**	+CA
C082	O		**Party identification details**	
3039	M	an..35	**Party identifier** Unique identifier of business partner (customer number, supplier number, DUNS number, etc.).	+123457
1131	N		Not used	:
3055	O	an..3	**Code list responsible agency code** Code specifying the agency responsible for a code list. **10 ODETTE** **16 US, D&B (Dun & Bradstreet Corporation)** **91 Assigned by seller or seller's agent** **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 3124 # 1	:Name2
C059	O		**Street**	
3042	M	an..35	**Street and number or post office box identifier** Part of address identifying the location of a building, normally given together with street	+Street1
3042	O	an..35	**Street and number or post office box identifier** see 3042 # 1	:Street2
3164	O	an..35	**City name** The name of the city, town, or village of this address.	+City
C819	O		**Country subdivision details**	
3229	R	an..9	**Country subdivision identifier** State or region within a country. The use of UN LoCodes is recommended.	+
3251	O	an..17	**Postal identification code** Identifier of one or more address data properties according to the postal service of the respective country	+12345
3207	O	an..3	**Country identifier** Country coded according to ISO 3166-1	+DE'

Comment: The carrier is the business partner commissioned by the freight carrier to carry out the transport.

Example: `NAD+CA+123457::92++Name1:Name2+Street1:Street2+City++12345+DE'`

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SG2	Status O MaxOcc 1	**Carrier**
SG3	Status O MaxOcc 1	**Additional Party ID (DUNS)**
RFF	No 32 Status M MaxOcc 1	**Reference**

	St	Format	Usage	Example
RFF				RFF
C506	M		**Reference**	
1153	M	an..3	**Reference code qualifier**	+ANK
			ANK Reference number assigned by third party	
1154	R	n9	**DUNS number**	:345678912'

Comment:

Example: RFF+ANK:345678912'

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SG5	Status R MaxOcc 1	**Terms of delivery**
TOD	No 33 Status M MaxOcc 1	**Terms of delivery or transport**

	St	Format	Usage	Example
TOD				TOD
4055	R	an..3	**Delivery or transport terms function code** **6 Delivery condition**	+6
4215	N		Not used	+
C100	R		**Terms of delivery or transport**	
4053	R	an..3	**Delivery or transport terms description code** EXW = corresponds to "ex works" in VDA 4913 CIF/CIP = corresponds to "free" VDA 4913 The list also contains codes that are no longer included in the INCOTETRMS 2010, as they are still often used in practice. **CFR Cost and Freight (insert named port of destination)** **CIF Cost, Insurance and Freight (insert named port of destination)** **CIP Carriage and Insurance Paid to (insert named place of destination)** **CPT Carriage Paid To (insert named place of destination)** **DAF Delivered At Frontier (... named place) (removed in version 2010)** **DAP Delivered At Place** **DAT Delivered At Terminal (... named place)** **DDP Delivered Duty Paid (insert named place of destination)** **DDU Delivered Duty Unpaid (... named place of destination) (removed in version 2010)** **DEQ Delivered Ex Quay (Duty paid) (... named port of destination) (removed in version 2010)** **DES Delivered Ex Ship (... named port of destination) (removed in version 2010)** **EXW Ex Works (insert named place of delivery)** **FAS Free Alongside Ship (insert named port of shipment)** **FCA Free Carrier (insert named place of delivery)** **FOA FOB Airport - Named airport of departure** **FOB Free On Board (insert named port of shipment)** **FOR Free On Rail**	+EXW'

Comment:

Example: TOD+6++EXW'

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SG5	Status R MaxOcc 1	**Terms of delivery**
LOC	No 34 Status O MaxOcc 1	**Location specification for INCOTERMS**

	St	Format	Usage	Example
LOC				LOC
3227	M	an..3	**Location function code qualifier** **1 Place of terms of delivery**	+1
C517	R		**Location identification**	
3225	O	an..35	**Location identifier** Identifier of location, site, etc.	+
1131	N		Not used	:
3055	O	an..3	**Code list responsible agency code** Use code 6 if a UN/LOCODE is specified in DE 3225. **6 UN/ECE (United Nations - Economic Commission for Europe)** **92 Assigned by buyer or buyer's agent**	:
3224	O	an..256	**Location name** Name of place/location; if necessary, use complete address.	:Schwäbisch Gmünd'

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

Example: LOC+1+:::Schwäbisch Gmünd'

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SG5	Status R MaxOcc 1	**Terms of delivery**
FTX	No 35 Status O MaxOcc 1	**Preference authorisation**

	St	Format	Usage	Example
FTX				**FTX**
4451	M	an..3	**Text subject code qualifier** **CUS Customs declaration information**	**+CUS**
4453	N		Not used	**+**
C107	N			
4441	N		Not used	**+**
C108	R		**Text literal**	
4440	M	an..256	**Free text** Text of the declaration of preference in accordance with the legal regulations.	**+Text**
4440	O	an..256	**Free text** see 4440 # 1	**:Text**
4440	O	an..256	**Free text** see 4440 # 1	**:Text**
4440	O	an..256	**Free text** see 4440 # 1	**:Text**
4440	O	an..256	**Free text** see 4440 # 1	**:Text**
3453	O	an..3	**Language name code** Code specifying the language name. Use ISO 639-1988	**+de'**

Comment: This segment must be used if parts are subject to preferential provisions of the overall delivery. In that case, the legally prescribed text for the declarations of preference is transmitted here. In the ALI segment at item level, a 'Y' (yes) is transmitted in the DE 9213 for each item to indicate preference authorised goods. Otherwise an 'N' (no) is to be transmitted.

Example: `FTX+CUS+++Text:Text:Text:Text:Text+de'`

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SG5	Status R MaxOcc 1	**Terms of delivery**
FTX	No 36 Status O MaxOcc 5	**Text for the description of the terms of delivery**

	St	Format	Usage	Example
FTX				`FTX`
4451	M	an..3	**Text subject code qualifier** **AAR Terms of delivery**	`+AAR`
4453	N		Not used	`+`
C107	N			
4441	M	an..17	**Free text description code**	`+`
C108	R		**Text literal**	
4440	M	an..256	**Free text** Free text	`+Text`
4440	O	an..256	**Free text** see 4440#1	`:Text`
4440	O	an..256	**Free text** see 4440#1	`:Text`
4440	O	an..256	**Free text** see 4440#1	`:Text`
4440	O	an..256	**Free text** see 4440#1	`:Text`
3453	O	an..3	**Language name code** Code specifying the language name. Use ISO 639-1988	`+de'`

Comment:

Example: `FTX+AAR+++Text:Text:Text:Text:Text+de'`

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SG6 Status D, MaxOcc 1 **Means of transport**

The information on the means of transport of the shipment is only not required for the summarization despatch advice (BGM 1001 = 2). For all other uses of VDA 4987 (BGM 1001 <> 2) this segment must be sent.

TDT No 37, Status M, MaxOcc 1 **Transport information**

	St	Format	Usage	Example
TDT				TDT
8051	M	an..3	**Transport stage code qualifier** **12 At departure**	+12
8028	N		Not used	+
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**	+30
C001	N			
8179	C	an..8	**Transport means description code**	+
C040	N			
3127	N		Not used	+
8101	N		Not used	+
C401	O		**Unscheduled delivery**	
8457	M	an..3	**Excess transportation reason code** **ZZZ Mutually defined** ZZZ is only a place holder, since the DE has the status M. Only the special delivery number (or similar reference) in DE 7130 is transmitted in the message. The responsibility is settled outside and independently of the EDI exchange.	+ZZZ
8459	M	an..3	**Excess transportation responsibility code** **X Responsibility to be determined**	:X
7130	R	an..17	**Customer shipment authorisation identifier** Special transport number	:ABC123
C222	O		**Transport identification** Mandatory for direct deliveries.	
8213	R	an..25	**Transport means identification name identifier** Depending on the means of transport, use the registration number (license plate number) of the truck and carriage or swap body number, the ship name or flight number. The identification of a trailer, articulated trailer or other additional transport equipment is in the EQD segment.	+LB-ML3362
1131	N		Not used	:
3055	O	an..3	**Code list responsible agency code**	:84
8212	N		Not used	:
8453	O	a2	**Transport means nationality code** Identification of the country name or other geographic area according to ISO 3166. Use ISO 3166-1 alpha-2 country code.	:DE'

Comment:

Example: `TDT+12++30++++ZZZ:X:ABC123+LB-ML3362::84::DE'`

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SG8 Status D, MaxOcc 1 **Transport equipment**

IF BGM 1000 = PAG-STR is SG8 Mandatory

EQD No 38, Status M, MaxOcc 1 **Equipment / means of transport (trailer / swap body)**

	St	Format	Usage	Example
EQD				`EQD`
8053	M	an..3	**Equipment type code qualifier** **CN Container** **RR Rail car** **SW Swap body** Wechselbrücke **TE Trailer** Coded qualifier for type of an equipment.	`+CN`
C237	R		**Equipment identification**	
8260	R	an..12	**ID of used equipment.** Identification number of the means of transport, e.g. registration number of the trailer, container no., carriage no., etc.	`+ContainerId'`

Comment: Information that identifies and describes the used transportation equipment.
The EQD segment should be sent only if an additional means of transport without its own propulsion is used.

Example: `EQD+CN+ContainerId'`

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SG8 Status D, MaxOcc 1 **Transport equipment**

IF BGM 1000 = PAG-STR is SG8 Mandatory

SEL No 39, Status D, MaxOcc 1 **Seal number**

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

Comment: IF BGM 1000 = PAG-STR is SEL Mandatory

Example: SEL+1234567'

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SG10 Status O, MaxOcc 9999 **Despatch control line / List of handling unit groups**

This segment group is to be transmitted only for outer and intermediate packaging materials.

CPS No 40, Status M, MaxOcc 1 **Outer handling units / Intermediate packaging level**

	St	Format	Usage	Example
CPS				CPS
7164	M	n..6	**Hierarchical structure level identifier** From the message sender generated ascending counter that is assigned to a packaging material group within the message. It is recommended to start with 1 and number in ascending order.	+1
7166	N		Not used	+
7075	R	an..3	**Code for the level of the packaging.** **3 Outer** Outer handling units, highest packaging level (e.g. pallet or large load carrier) with subpackages **2 Intermediate**	+3'

Comment: For the SG 10, which is designated as loading unit / intermediate level, there is no article position (SG17) they always follow the inner packaging items.
The packaging material structures in the message are formed from outside to inside, first the loading unit, then the packaging items and in each case first the main packaging material and then additional packaging material.

Example:
A shipment consists of two pallets and two GLTs each with eight SLCs. All SLCs contain the same parts (same item number). In this case two SG10s must be used for the outer packaging material, one for the pallets and one for the GLT. Inside the SG10 (trigger CPS) an SG11 (trigger PAC) for the main packaging material and 1..n SG 11 for the additional packaging material are used.

Afterwards the SLCs follow in a separate SG10 for the inner packaging material.
For more detailed information please refer to the packaging material examples.

If packaging materials have the same properties (same packaging material type, same additional packaging material - number and type - and the same filling quantities, etc.), they can be grouped together (they form a packaging material group - level SG10).

For each outer packaging the packaging material numbers/identifiers of the included containers in it / on it of the next packaging level are listed. The procedure with intermediate packaging is similar.
Homogeneous loading units (CPS+++3) according to the VDA definition are to be combined.

In the JIS process, the packaging materials must not be consolidated, otherwise it is not possible to clearly assign the production number to the handling unit.

Example: `CPS+1++3'`

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SG10 Status O, MaxOcc 9999 — **Despatch control line / List of handling unit groups**

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG11 Status R, MaxOcc 1 — **Handling unit group details - Main packaging**

PAC No 41, Status M, MaxOcc 1 — **Quantity, type and ownership identifier**

	St	Format	Usage	Example
PAC				PAC
7224	R	n..3	**Package quantity** Number of identical handling units belonging to this group.	+1
C531	R		**Packaging details**	
7075	N		Not used	+
7233	R	an..3	**Packaging related description code** **35 Type of package** Code 35 identifies a main packaging material	:35
7073	R	an..3	**Packaging terms and conditions code** **AAA One way packaging, supplier pays** **AAB One way packaging, customer pays** **AAC Customer's returnable package item** **AAD Supplier's returnable package item**	:AAC
C202	R		**Packaging material identification of the customer**	
7065	R	an..7	**Package type description code** Designation of the packaging, coded according to the packaging data sheet (packaging material code of the customer, e.g. conform LISON) respectivly allowed codes for alternative packaging in accordance with VDA, e. g. 0001PAL.	+0000PAL
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
C402	O		**Packaging material identification of the supplier**	
7077	M	an..3	**Description format code** **X Semi-structured (code + text)**	+X
7064	M	an..35	**Type of packages** Designation of packaging (packaging code of supplier). According to EDIFACT, this element is mandatory.	:0000PAL
7143	O	an..3	**Item type identification code** **SA Supplier's article number**	:SA'

Comment: This PAC segment group describes the packaging items and their properties.
Similar packages must be combined in one SG11. For grouping criteria, see the process description and the packaging examples of VDA 4987.
Basically all packaging actually used are given here in a structured form.

In the JIS process, the packaging materials must not be consolidated, otherwise it is not possible to clearly assign the production number to the handling unit.

Example: `PAC+1+:35:AAC+0000PAL::92+X:0000PAL:SA'`

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SG10 Status O, MaxOcc 9999 — **Despatch control line / List of handling unit groups**

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG11 Status R, MaxOcc 1 — **Handling unit group details - Main packaging**

MEA No 42, Status D, MaxOcc 1 — **Length**

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	**Measurement purpose code qualifier** **AAZ Handling unit measurement**	+AAZ
C502	R		**Measurement details**	
6313	C	an..3	**Measured attribute code** **LN Length**	+LN
C174	R		**Value/range**	
6411	M	an..8	**Measurement unit code** **MMT millimetre**	+MMT
6314	R	n..5	**Measure** Length	:9'

Comment: Length of packaging
Mandatory at BGM = PAG-STR

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

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SG10 Status O, MaxOcc 9999 — **Despatch control line / List of handling unit groups**

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG11 Status R, MaxOcc 1 — **Handling unit group details - Main packaging**

MEA No 43, Status D, MaxOcc 1 — **Width**

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	**Measurement purpose code qualifier** **AAZ Handling unit measurement**	+AAZ
C502	R		**Measurement details**	
6313	R	an..3	**Measured attribute code** **WD Width dimension**	+WD
C174	R		**Value/range**	
6411	M	an..8	**Measurement unit code** **MMT millimetre**	+MMT
6314	R	n..12	**Measure** Width	:9'

Comment: Width of packaging
Mandatory at BGM = PAG-STR

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

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SG10 Status O, MaxOcc 9999 — **Despatch control line / List of handling unit groups**

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG11 Status R, MaxOcc 1 — **Handling unit group details - Main packaging**

MEA No 44, Status D, MaxOcc 1 — **Height**

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	**Measurement purpose code qualifier** **AAZ Handling unit measurement**	+AAZ
C502	R		**Measurement details**	
6313	R	an..3	**Measured attribute code** **HT Height dimension**	+HT
C174	R		**Value/range**	
6411	R	an..3	**Measurement unit code** **MMT millimetre**	+MMT
6314	R	n..5	**Measure** Height	:9'

Comment: Height of packaging
Mandatory at BGM = PAG-STR

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

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SG10 Status O, MaxOcc 9999 — **Despatch control line / List of handling unit groups**

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG11 Status R, MaxOcc 1 — **Handling unit group details - Main packaging**

MEA No 45, Status D, MaxOcc 1 — **Volume**

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	**Measurement purpose code qualifier** **AAZ Handling unit measurement**	+AAZ
C502	R		**Measurement details**	
6313	C	an..3	**Measured attribute code** **ABJ Volume**	+ABJ
C174	R		**Value/range**	
6411	M	an..8	**Measurement unit code** **DMQ cubic decimetre** **MTQ cubic metre**	+DMQ
6314	R	an..18	**Measure** Volume	:9'

Comment: Mandatory at BGM = PAG-STR

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

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SG10 Status O, MaxOcc 9999 — **Despatch control line / List of handling unit groups**

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG11 Status R, MaxOcc 1 — **Handling unit group details - Main packaging**

QTY No 46, Status O, MaxOcc 1 — **Maximum stackability**

	St	Format	Usage	Example
QTY				QTY
C186	M		**Quantity details**	
6063	M	an..3	**Quantity type code qualifier** **171 Maximum stackability**	+171
6060	M	n..3	**Quantity** Stacking factor (maximum)	:5
6411	R	an..8	**Measurement unit code** **PCE piece** **C62 one**	:PCE'

Comment: Maximum number of same type of packaging items that may be stacked onto each other.

Example: `QTY+171:5:PCE'`

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SG10 Status O, MaxOcc 9999 — **Despatch control line / List of handling unit groups**

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG11 Status R, MaxOcc 1 — **Handling unit group details - Main packaging**

QTY No 47, Status R, MaxOcc 1 — **Number of included inner packaging materials**

	St	Format	Usage	Example
QTY				QTY
C186	M		**Quantity details**	
6063	M	an..3	**Quantity type code qualifier** **189 Number of packages in handling unit**	+189
6060	M	n..3	**Quantity** Number of contained packages	:5
6411	R	an..8	**Measurement unit code** **C62 one** **PCE piece**	:PCE'

Comment: Required for handling units with master label or mixed load
Number of packages (including virtual packages (COPACK)) contained in one loading unit. Only packaging of the next inner level is counted.

Example: `QTY+189:5:PCE'`

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SG10	Status O MaxOcc 9999	**Despatch control line / List of handling unit groups**

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG11	Status R MaxOcc 1	**Handling unit group details - Main packaging**
SG13	Status R MaxOcc 1000	**List of individual handling units**
PCI	No 48 Status M MaxOcc 1	**Label type of the loading unit**

	St	Format	Usage	Example
PCI				PCI
4233	R	an..3	**Marking instructions code** **17 Seller's instructions**	+17
C210	N			
7102	N		Not used	+
8169	N		Not used	+
C827	R		**Type of marking**	
7511	R	an..3	**Marking type code** **6J Unique license plate number assigned to a master load** **5J Unique license plate number mixed load** The data identifier is the first part of a transport label. This ID indicates whether it is an outer or inner packaging. For outer packagings there is also the distinction between master label and mixed label. 6J - corresponds to the former M = master label 5J - corresponds to the former G = master mixed load	+6J
1131	N		Not used	:
3055	R	an..3	**Code list responsible agency code** **5 ISO (International Organization for Standardization)**	:5'

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

Example: `PCI+17+++6J::5'`

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SG10 Status O, MaxOcc 9999 — **Despatch control line / List of handling unit groups**

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG11 Status R, MaxOcc 1 — **Handling unit group details - Main packaging**

SG13 Status R, MaxOcc 1000 — **List of individual handling units**

SG15 Status D, MaxOcc 1 — **Number of the transport label of the individual loading units**

Only for the the summarization despatch advice (BGM 1001 = 2) it is not necessary to indicate the number of the transport label of the individual loading units of the consignment. For all other uses of VDA 4987 (BGM 1001 <> 2) this segment must be sent.

GIN No 49, Status M, MaxOcc 1 — **Packaging item number of the loading unit.**

	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	**Label ID of handling unit** The label ID may not be repeated within a calendar year until the number range from 000000001 to 999999999 is used. Only numbers (if applicable with leading zeroes) are allowed.	+140906179
7402	R	an22	**Object identifier** The License Plate Label ID is made up of the data identifier (DI), the code of the assigning agency (IAC) (UN for Dun & Breadstreet), the ship from ID (DUNS number) and the unique shipping unit ID assigned by the ship from identified by the DUNS number (e.g. 000012345) => 6JUN123456789000012345. The format is made up as follows: DI: an2 (mandatory) IAC: an2 (fixed value: UN) CID: an..9 (DUNS number of the consignor) SN: n9 (package number from the first DE 7402)	: 6JUN341431658 140906179'

Comment: If the segment is sent twice, the qualifiers must of course also be different.

Example: `GIN+ML+140906179:6JUN341431658140906179'`

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SG10 Status O, MaxOcc 9999 — **Despatch control line / List of handling unit groups**

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG11 Status R, MaxOcc 1 — **Handling unit group details - Main packaging**

SG13 Status R, MaxOcc 1000 — **List of individual handling units**

SG15 Status D, MaxOcc 99 — **Label / packaging item ID of the packaging items included in the loading unit**

The total number of the SG15-GIN must not exceed 99 per PCI segment group.
The indication of the package ID of the packages of the consignment contained in the loading unit is not required only for the summarization despatch advice (BGM 1001 = 2). For all other uses of VDA 4987 (BGM 1001 <> 2) this segment must be sent.

GIN No 50, Status M, MaxOcc 1 — **Label / packaging item ID of the packaging items included in the loading unit**

	St	Format	Usage	Example
GIN				GIN
7405	M	an..3	**Object identification code qualifier** **AW Serial shipping container code** Interpreted as: Packaging item numbers of the included packaging items.	+AW
C208	M		**Identity number range**	
7402	M	n9	**Object identifier** ID of the included packaging item in an outer or intermediate packaging. This may concern a compartment in a JIS container or it may be a virtual container (see process documentation and packaging examples). Only numbers (if applicable with leading zeroes) are allowed.	+000000001
7402	R	an..35	**Object identifier** The License Plate Label ID is made up of the data identifier (DI), the code of the assigning agency (IAC) (UN for Dun & Breadstreet), the ship from ID (DUNS number) and the unique shipping unit ID assigned by the ship from identified by the DUNS number (e.g. 000012345) => 6JUN123456789000012345. The format is made up as follows: DI: an2 (mandatory) IAC: an2 (fixed value: UN) CID: an..9 (DUNS number of the consignor) SN: n9 (package number from the first DE 7402)	:1JUN123456789000000001
C208	O		**Identity number range**	
7402	M	n9	**Object identifier** see DE 7402#1	+000000002
7402	R	an..35	**Object identifier** see DE 7402#2	:1JUN123456789000000002
C208	O		**Identity number range**	
7402	M	n9	**Object identifier** see DE 7402#1	+000000003
7402	R	an..35	**Object identifier** see DE 7402#2	:1JUN123456789000000003

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	St	Format	Usage	Example
C208	O		**Identity number range**	
7402	M	n9	**Object identifier** see DE 7402#1	+000000004
7402	R	an..35	**Object identifier** see DE 7402#2	:1JUN123456789000000004
C208	O		**Identity number range**	
7402	M	n9	**Object identifier** see DE 7402#1	+000000005
7402	R	an..35	**Object identifier** see DE 7402#2	:1JUN123456789000000005'

Comment: List of or packages contained in the identified handling unit.

Example: `GIN+AW+000000001:1JUN123456789000000001+000000002:1JUN123456789000000002+000000003:1JUN123456789000000003+000000004:1JUN123456789000000004+000000005:1JUN123456789000000005'`

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SG10	Status O MaxOcc 9999	**Despatch control line / List of handling unit groups**

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG11	Status R MaxOcc 1	**Handling unit group details - Main packaging**
SG13	Status R MaxOcc 1000	**List of individual handling units**
SG15	Status O MaxOcc 99	**Control number of a JIT container**
GIN	No 51 Status M MaxOcc 1	**Package control number**

	St	Format	Usage	Example
GIN				GIN
7405	M	an..3	**Object identification code qualifier** **CQ Internal control number**	+CQ
C208	M		**Identity number range**	
7402	M	an..35	**Object identifier** Control number	+1'

Comment: Consecutive control number of a JIT-container, used to validate the sequence of containers at the assembly line (e.g. 1..999 and then starting again with 1 and so on)

Example: `GIN+CQ+1'`

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SG10	Status O MaxOcc 9999	**Despatch control line / List of handling unit groups**

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG11	Status R MaxOcc 1	**Handling unit group details - Main packaging**
SG13	Status R MaxOcc 1000	**List of individual handling units**
SG15	Status O MaxOcc 99	**Package / Container serial number**
GIN	No 52 Status M MaxOcc 1	**Serial Number**

	St	Format	Usage	Example
GIN				`GIN`
7405	M	an..3	**Object identification code qualifier** Identity Number Type **BN Serial number**	`+BN`
C208	M		**Identity number range**	
7402	M	an..35	**Object identifier** Identity Number Serial number of container. Might consist of data identifier (DI), agency code (e.g. UN for DUNS), manufacturer code (e.g. DUNS number), container type and serial number.	`+27BUN341431658?+000000000000000126'`

Comment: Permanently assigned serial number of container (e.g. RFID tag)

Example: `GIN+BN+27BUN341431658?+000000000000000126'`

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SG10	Status O MaxOcc 9999	**Despatch control line / List of handling unit groups**

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG11	Status R MaxOcc 1	**Handling unit group details - Main packaging**
SG13	Status R MaxOcc 1000	**List of individual handling units**
SG16	Status O MaxOcc 1	**Weight of the individual loading unit**
COD	No 53 Status M MaxOcc 1	**Trigger segment**

	St	Format	Usage	Example
COD				COD
C823	R		**Type of unit/component**	
7505	R	an..3	**Unit or component type description code** **NO** This segment serves only as trigger.	+NO'

Comment:

Example: COD+NO'

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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SG10	Status O MaxOcc 9999	**Despatch control line / List of handling unit groups**

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG11	Status R MaxOcc 1	**Handling unit group details - Main packaging**
SG13	Status R MaxOcc 1000	**List of individual handling units**
SG16	Status O MaxOcc 1	**Weight of the individual loading unit**
MEA	No 54 Status O MaxOcc 1	**Gross weight**

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	**Measurement purpose code qualifier** **AAZ Handling unit measurement**	+AAZ
C502	R		**Measurement details**	
6313	R	an..3	**Measured attribute code** **AAB Goods item gross weight**	+AAB
C174	R		**Value/range**	
6411	M	an..8	**Measurement unit code** **KGM kilogram**	+KGM
6314	R	n..7	**Measure** Gross weight	:9'

Comment:

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

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SG10	Status O MaxOcc 9999	**Despatch control line / List of handling unit groups**

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG11	Status R MaxOcc 1	**Handling unit group details - Main packaging**
SG13	Status R MaxOcc 1000	**List of individual handling units**
SG16	Status O MaxOcc 1	**Weight of the individual loading unit**
MEA	No 55 Status O MaxOcc 1	**Net weight**

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	**Measurement purpose code qualifier** **AAZ Handling unit measurement**	+AAZ
C502	R		**Measurement details**	
6313	R	an..3	**Measured attribute code** **AAA Net weight**	+AAA
C174	R		**Value/range**	
6411	M	an..8	**Measurement unit code** **KGM kilogram**	+KGM
6314	R	n..7	**Measure** Net weight	:9'

Comment:

Example: `MEA+AAZ+AAA+KGM:9'`

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SG10	Status O MaxOcc 9999	**Despatch control line / List of handling unit groups**

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG11	Status R MaxOcc 1	**Handling unit group details - Main packaging**
SG13	Status R MaxOcc 1000	**List of individual handling units**
SG16	Status O MaxOcc 1	**Weight of the individual loading unit**
MEA	No 56 Status O MaxOcc 1	**Tare weight**

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	**Measurement purpose code qualifier** **AAZ Handling unit measurement**	+AAZ
C502	R		**Measurement details**	
6313	R	an..3	**Measured attribute code** **T Tare weight**	+T
C174	R		**Value/range**	
6411	M	an..8	**Measurement unit code** **KGM kilogram**	+KGM
6314	R	n..7	**Measure** Weight of the single package (without content)	:100'

Comment:

Example: `MEA+AAZ+T+KGM:100'`

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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SG10	Status O MaxOcc 9999	**Despatch control line / List of handling unit groups**

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG11	Status R MaxOcc 1	**Handling unit group details - Main packaging**
SG13	Status R MaxOcc 1000	**List of individual handling units**
SG16	Status O MaxOcc 1	**Weight of the individual loading unit**
QTY	No 57 Status D MaxOcc 1	**Quantity of parts in homogeneous handling units.**

	St	Format	Usage	Example
QTY				QTY
C186	M		**Quantity details**	
6063	M	an..3	**Quantity type code qualifier**	+52
			52 Quantity per pack	
6060	M	n..35	**Quantity**	:9
			Parts quantity per loading unit according to type	
6411	R	an..8	**Measurement unit code**	:PCE'
			C62 one	
			PCE piece	
			SET set	
			MTR metre	
			CMT centimetre	
			MMT millimetre	
			MTK square metre	
			LEF leaf	
			MTQ cubic metre	
			LTR litre	
			PR pair	
			RO roll	
			TNE tonne (metric ton)	
			KGM kilogram	
			GRM gram	
			KMT kilometre	
			PCE and C62 are ynonymous for piece	

Comment: This can be used only for loading units that have a master label (data identifier 6J). As a rule, for these loading units the quantity of the parts per loading unit is specified on the transport label. The QTY segment can be used to transmit this amount.

Example: `QTY+52:9:PCE'`

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SG10 Status O MaxOcc 9999 **Despatch control line / List of handling unit groups**

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG11 Status O MaxOcc 9999 **Packaging aid**

All SG 11s in the group of the outer loading units or intermediate level (SG 10) must not exceed the 9999 in total.

PAC No 58 Status M MaxOcc 1 **Packaging aid**

	St	Format	Usage	Example
PAC				PAC
7224	R	n..8	**Number of identical handling units belonging to this group.** The number of additional packaging materials must be a whole number multiple of the loading units (main packaging material) so that they are assignable.	+1
C531	R		**Packaging details**	
7075	N		Not used	+
7233	R	an..3	**Packaging related description code** Code 37 identifies an additional packaging material **37 Package protection**	:37
7073	R	an..3	**Packaging terms and conditions code** Code for packaging conditions. **AAA One way packaging, supplier pays** **AAB One way packaging, customer pays** **AAC Customer's returnable package item** **AAD Supplier's returnable package item**	:AAC
C202	R		**Packaging material identification of the customer**	
7065	R	an..7	**Package type description code** Designation of the packaging, coded (packaging material code of the customer, e.g. conform LISON)	+20L
1131	N		Not used	:
3055	O	an..3	**Code list responsible agency code** **92 Assigned by buyer or buyer's agent**	:92
C402	O		**Packaging material identification of the supplier**	
7077	M	an..3	**Description format code** **X Semi-structured (code + text)**	+X
7064	M	an..35	**Type of packages** Designation of the packaging, coded (packaging material code of the supplier).	:20L
7143	O	an..3	**Item type identification code** **SA Supplier's article number**	:SA'

Comment: This PAC segment group describes the packages and their caracteristics.
Identical packaging aids that belong to same kind of loading units MUST be aggregated. Basically all packaging actually used are given here in a structured form.

Example: `PAC+1+:37:AAC+20L::92+X:20L:SA'`

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**

CPS	No 59 Status M MaxOcc 1	**Despatch control line / group of inner packaging items and article line**

	St	Format	Usage	Example
CPS				CPS
7164	R	n..6	**Hierarchical structure level identifier** Line Number From the message sender generated ascending counter that is assigned to a packaging material group within the message. It is recommended to start with 1 and number in ascending order.	+2
7166	N		Not used	+
7075	R	an..3	**Code for the level of the packaging.** **1 Inner** **4 No packaging hierarchy** Code 4 stands for simplified loading units (e.g. LLC).	+1'

Comment: The structure of the message takes place from outside to inside. First, loading units are transmitted and then the inner packagings in or on it. Concrete packaging examples are documented in Appendix 3 and 4 of VDA 4987.

Because in the message a 1:1 relationship of batch (GIR+1), manufacturing data (DTM+94) / expiration date (DTM+36) and delivery note line item number (RFF+AAU) and/or the production number (JIS process) (GIR+4) must be guaranteed, an SG 10 "Product identification grouping level and inner packaging" must be generated for each of the above mentioned key terms.
The packaging material structures in the message are formed from outside to inside, first the loading unit, then the packaging items and in each case first the main packaging material and then additional packaging material.

If packaging materials have the same properties (same packaging material type, same additional packaging material, same filling quantity, same item number, same batch number, same stacking factor), they should be grouped together (they form a packaging material group).
For each outer packaging the numbers/identifiers of the included containers in it / on it of the next packaging level are listed. The procedure with intermediate packaging is similar.

For the test capability of the guide a simple packaging case is represented here. Extensive packaging examples are described in Appendix 3 of VDA 4987.
In order to achieve check ability this guide describes a simple packaging structure. Detailed packaging examples are described in Appendix 3 of the VDA 4987.

Example: CPS+2++1'

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG11	Status R MaxOcc 1	**Packaging material group inner packaging material**
PAC	No 60 Status M MaxOcc 1	**Quantity, type and ownership identifier**

	St	Format	Usage	Example
PAC				PAC
7224	R	n..6	**Package quantity** Number of packages assigned to this group (number of identical packages).	+8
C531	R		**Packaging details**	
7075	N		Not used	+
7233	R	an..3	**Packaging related description code** Code 35 identifies a main packaging material **35 Type of package** Code 35 identifies main packaging	:35
7073	R	an..3	**Packaging terms and conditions code** **AAA One way packaging, supplier pays** **AAB One way packaging, customer pays** **AAC Customer's returnable package item** **AAD Supplier's returnable package item**	:AAC
C202	R		**Packaging material identification of the customer**	
7065	R	an..7	**Package type description code** Designation of the packaging, coded according to the packaging data sheet (packaging material code of the customer, e.g. conform LISON) respectivly allowed codes for alternative packaging, e. g. 0001PAL. In case of a daily delivery note (BGM 1001 = 2) the value COPACK must be specified.	+0014SCH
1131	N		Not used	:
3055	O	an..3	**Code list responsible agency code** **92 Assigned by buyer or buyer's agent**	:92
C402	O		**Packaging material identification of the supplier**	
7077	M	an..3	**Description format code** **X Semi-structured (code + text)**	+X
7064	M	an..35	**Type of packages** Designation of the packaging, coded (packaging material code of the supplier) This data element is mandatory according to EDIFACT. If the supplier does not have a packaging material code but in the next 7064 the packing designation should be transmitted, the packaging material code of the customer (from C202 7065) should be repeated here.	:0014SCH
7143	O	an..3	**Item type identification code** **SA Supplier's article number**	:SA'

Comment: This PAC segment group describes the packages and their caracteristics.
Similar packages must be combined in one SG11. For grouping criteria, see the process description and the packaging examples of VDA 4987. For JIS processes the grouping of similar packaging materials is not mandatory, only if possible.
Basically all packaging actually used are given here in a structured form.
This variant of SG11 is used to describe the simplified type of handling units or shipping packaging units that corresponds to a specific design, with specifying properties such as dimensions, material, etc. Identical packages could be combined in one SG11 per identical

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handlich units (i.e. per group of handling units). For grouping criteria, see the process description and the packaging examples of VDA 4987.
Packages are considered to be identical if they
- contain parts of the same part number
- have the same package quantity per package item
- have the same batch number, best before data and last used date
- have the same packaging aids

Example: `PAC+8+:35:AAC+0014SCH::92+X:0014SCH:SA'`

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG11	Status R MaxOcc 1	**Packaging material group inner packaging material**
MEA	No 61 Status D MaxOcc 1	**Gross weight of the packaging item**

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	**Measurement purpose code qualifier** **AAY Package measurement**	+AAY
C502	R		**Measurement details**	
6313	R	an..3	**Measured attribute code** **G Gross weight**	+G
C174	R		**Value/range**	
6411	M	an..8	**Measurement unit code** **KGM kilogram**	+KGM
6314	R	n..7	**Measure** Weight (mass) excluding transport equipment (carrier equipment)	:9'

Comment: IF BGM Process Indicator (1000) = PAG-STR, then this segment MUST be sent.

Example: `MEA+AAY+G+KGM:9'`

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG11	Status R MaxOcc 1	**Packaging material group inner packaging material**
MEA	No 62 Status D MaxOcc 1	**Net weight of the packaging item**

	St	Format	Usage	Example
MEA				**MEA**
6311	M	an..3	**Measurement purpose code qualifier** **AAY Package measurement**	**+AAY**
C502	R		**Measurement details**	
6313	R	an..3	**Measured attribute code** **AAL Net weight**	**+AAL**
C174	R		**Value/range**	
6411	M	an..8	**Measurement unit code** **KGM kilogram**	**+KGM**
6314	R	n..7	**Measure** Weight (mass) of the products	**:9'**

Comment: IF BGM Process Indicator (1000) = PAG-STR, then this segment MUST be sent.

Example: `MEA+AAY+AAL+KGM:9'`

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG11	Status R MaxOcc 1	**Packaging material group inner packaging material**
MEA	No 63 Status D MaxOcc 1	**Volume of the packaging material**

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

Comment: IF BGM Process Indicator (1000) = PAG-STR, then this segment MUST be sent.

Example: **MEA+AAY+ABJ+LTR:9'**

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG11	Status R MaxOcc 1	**Packaging material group inner packaging material**
MEA	No 64 Status O MaxOcc 1	**Tare weight**

	St	Format	Usage	Example
MEA				**MEA**
6311	M	an..3	**Measurement purpose code qualifier** **AAY Package measurement**	**+AAY**
C502	R		**Measurement details**	
6313	R	an..3	**Measured attribute code** **T Tare weight**	**+T**
C174	R		**Value/range**	
6411	M	an..8	**Measurement unit code** **KGM kilogram**	**+KGM**
6314	R	n..7	**Measure** Weight of the package (without content)	**:100'**

Comment:

Example: **MEA+AAY+T+KGM:100'**

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG11	Status R MaxOcc 1	**Packaging material group inner packaging material**
MEA	No 65 Status D MaxOcc 1	**Length**

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	**Measurement purpose code qualifier** **AAY Package measurement**	+AAY
C502	R		**Measurement details**	
6313	R	an..3	**Measured attribute code** **LN Length**	+LN
C174	R		**Value/range**	
6411	M	an..8	**Measurement unit code** **MMT millimetre**	+MMT
6314	R	n..5	**Measure** Length	:9'

Comment: IF BGM Process Indicator (1000) = PAG-STR, then this segment MUST be sent.

Example: `MEA+AAY+LN+MMT:9'`

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG11	Status R MaxOcc 1	**Packaging material group inner packaging material**
MEA	No 66 Status D MaxOcc 1	**Width**

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	**Measurement purpose code qualifier** **AAY Package measurement**	+AAY
C502	R		**Measurement details**	
6313	R	an..3	**Measured attribute code** **WD Width dimension**	+WD
C174	R		**Value/range**	
6411	M	an..8	**Measurement unit code** **MMT millimetre**	+MMT
6314	R	an..18	**Measure** Width	:9'

Comment: IF BGM Process Indicator (1000) = PAG-STR, then this segment MUST be sent.

Example: `MEA+AAY+WD+MMT:9'`

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG11	Status R MaxOcc 1	**Packaging material group inner packaging material**
MEA	No 67 Status D MaxOcc 1	**Height**

	St	Format	Usage	Example
MEA				**MEA**
6311	M	an..3	**Measurement purpose code qualifier** **AAY Package measurement**	**+AAY**
C502	R		**Measurement details**	
6313	R	an..3	**Measured attribute code** **HT Height dimension**	**+HT**
C174	R		**Value/range**	
6411	M	an..8	**Measurement unit code** **MMT millimetre**	**+MMT**
6314	R	an..18	**Measure** Height	**:9'**

Comment: IF BGM Process Indicator (1000) = PAG-STR, then this segment MUST be sent.

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

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG11	Status R MaxOcc 1	**Packaging material group inner packaging material**
QTY	No 68 Status O MaxOcc 1	**Maximum stackability**

	St	Format	Usage	Example
QTY				`QTY`
C186	M		**Quantity details**	
6063	M	an..3	**Quantity type code qualifier** **171 Maximum stackability**	`+171`
6060	M	n..3	**Quantity** Stacking factor (maximum), max. number of packagings that can be stacked on top of each other without causing damage.	`:9`
6411	R	an..8	**Measurement unit code** Code specifying the unit of measurement, use UN/ECE Rec. 20 **C62 one** **PCE piece**	`:PCE'`

Comment: Maximum number of same type of packaging items that may be stacked onto each other.

Example: `QTY+171:9:PCE'`

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG11	Status R MaxOcc 1	**Packaging material group inner packaging material**
QTY	No 69 Status R MaxOcc 1	**Quantity per packaging unit**

	St	Format	Usage	Example
QTY				QTY
C186	M		**Quantity details**	
6063	M	an..3	**Quantity type code qualifier** **52 Quantity per pack**	+52
6060	M	n..35	**Quantity** Quantity per packaging	:9
6411	R	an..8	**Measurement unit code** **C62 one** **PCE piece** **SET set** **MTR metre** **CMT centimetre** **MMT millimetre** **MTK square metre** **LEF leaf** **MTQ cubic metre** **LTR litre** **PR pair** **RO roll** **TNE tonne (metric ton)** **KGM kilogram** **GRM gram** **KMT kilometre** PCE and C62 are synonyms for "piece"	:PCE'

Comment:

Example: QTY+52:9:PCE'

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG11	Status R MaxOcc 1	**Packaging material group inner packaging material**
SG13	Status R MaxOcc 1000	**List of the individual packaging items**
PCI	No 70 Status M MaxOcc 1	**Package identification**

	St	Format	Usage	Example
PCI				PCI
4233	R	an..3	**Marking instructions code** **17 Seller's instructions**	+17
C210	N			
7102	N		Not used	+
8169	N		Not used	+
C827	R		**Type of marking**	
7511	M	an..3	**Marking type code** **1J Unique license plate number lowest package level** The Label identifier is the first part of the transport label. It identifies the label as the outer or inner packaging label. For the outer packaging, it is possible to distinguish between master label and mixed label. In the Global Transport Label documentation, this element is referred to as data identifier. 1J corresponds to former S = single label.	+1J
1131	N		Not used	:
3055	R	an..3	**Code list responsible agency code** **5 ISO (International Organization for Standardization)** Code specifying the agency responsible for a code list.	:5'

Comment: If a packaging item has a new batch (GIR+1), a new manufacturing date (DTM+94) / expiration date (DTM+36) or a new delivery note item (RFF+AAU) and/or a new production number (JIS process) (GIR+4), it is mandatory that this packaging item is described in a new "Production identification grouping level and inner packaging" SG 10 of its own. Just a new SG 13 is insufficient for changing the key terms.

If containers (or special frames) cannot be filled only with batch goods, virtual containers have to be created to keep the individual batches separate from each other.

Example: `PCI+17+++1J::5'`

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG11	Status R MaxOcc 1	**Packaging material group inner packaging material**
SG13	Status R MaxOcc 1000	**List of the individual packaging items**
SG14	Status D MaxOcc 99	**Vehicle reference data**

Mandatory at JIS deliveries (BGM 1000 = PAG-JIS).

GIR	No 71 Status M MaxOcc 1	**Related identification numbers**

	St	Format	Usage	Example
GIR				GIR
7297	M	an..3	**Set type code qualifier** **4 Vehicle reference set**	+4
C206	M		**Identification number**	
7402	M	an..35	**Object identifier** 7405 = AN: Production no. according JIS-call-off 4916/ 4986 - format n7 7405 = AP: Model - format an5 7405 = XB: Model year - format n4 7405 = XF: Equipment key/Order type - format an6 7405 = XO: Assembly sequence data - format n7	+2209360
7405	R	an..3	**Object identification code qualifier** **AN Manufacturing reference number** **AP Product** Model **XB Model year** **XF Interior configuration key** **XO Sequence number** **XQ Exception status identifier** XQ - Exception status identifier DUMMY: Supplier cannot deliver and inserts dummy part for assembly REORDER: reorder	:AN
C206	O		**Identification number**	
7402	M	an..35	**Object identifier** see 7402#1	+F94NA
7405	R	an..3	**Object identification code qualifier** Use same codes as in the DE 7405 in first C206.	:AP
C206	O		**Identification number**	
7402	M	an..35	**Object identifier** see 7402#1	+2019
7405	R	an..3	**Object identification code qualifier** Use same codes as in the DE 7405 in first C206.	:XB
C206	O		**Identification number**	
7402	M	an..35	**Object identifier** see 7402#1	+1234
7405	R	an..3	**Object identification code qualifier** Use same codes as in the DE 7405 in first C206.	:XF
C206	O		**Identification number**	
7402	M	an..35	**Object identifier**	+0128319

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	St	Format	Usage	Example
			see 7402#1	
7405	R	an..3	**Object identification code qualifier** Use same codes as in the DE 7405 in first C206.	**:XO'**

Comment:

Example: **GIR+4+2209360:AN+F94NA:AP+2019:XB+1234:XF+0128319:XO'**

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG11	Status R MaxOcc 1	**Packaging material group inner packaging material**
SG13	Status R MaxOcc 1000	**List of the individual packaging items**
SG14	Status O MaxOcc 1	**Batch number, production / expiry date**

The supplier's internal batch numbers, production, expiry or shelf life dates must not be transmitted. This information is just to be sent if requested by the recipient, e. g. batch number.

GIR	No 72 Status M MaxOcc 1	**Batch number**

	St	Format	Usage	Example
GIR				`GIR`
7297	M	an..3	**Set type code qualifier** **1 Product**	`+1`
C206	M		**Identification number**	
7402	M	an..15	**Object identifier** Batch number - if production date or retention date are to be transmitted without a batch number being present, the value NONE must be entered here because EDIFACT requires that this field should not remain empty.	`+Charge`
7405	R	an..3	**Object identification code qualifier** **BX Batch number**	`:BX'`

Comment:

Example: `GIR+1+Charge:BX'`

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG11	Status R MaxOcc 1	**Packaging material group inner packaging material**
SG13	Status R MaxOcc 1000	**List of the individual packaging items**
SG14	Status O MaxOcc 1	**Batch number, production / expiry date**

The supplier's internal batch numbers, production, expiry or shelf life dates must not be transmitted. This information is just to be sent if requested by the recipient, e. g. batch number.

DTM	No 73 Status O MaxOcc 1	**Expiration date**

	St	Format	Usage	Example
DTM				DTM
C507	M		**Date/time/period**	
2005	M	an..3	**Date or time or period function code qualifier** **36 Expiry date**	+36
2380	R	n..12	**Expiration date**	:20200807
2379	R	an..3	**Date or time or period format code** **102 CCYYMMDD**	:102'

Comment: The parts/products in a container must have the same expiration date.

Example: `DTM+36:20200807:102'`

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG11	Status R MaxOcc 1	**Packaging material group inner packaging material**
SG13	Status R MaxOcc 1000	**List of the individual packaging items**
SG14	Status O MaxOcc 1	**Batch number, production / expiry date**

The supplier's internal batch numbers, production, expiry or shelf life dates must not be transmitted. This information is just to be sent if requested by the recipient, e. g. batch number.

DTM	No 74 Status O MaxOcc 1	**Manufacturing date**

	St	Format	Usage	Example
DTM				DTM
C507	M		**Date/time/period**	
2005	M	an..3	**Date or time or period function code qualifier** **94 Production/manufacture date**	+94
2380	R	n..12	**Manufacturing date**	:20200807
2379	R	an..3	**Date or time or period format code** **102 CCYYMMDD**	:102'

Comment: The parts/products in a container must have the same manufacturing date.

Example: `DTM+94:20200807:102'`

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG11	Status R MaxOcc 1	**Packaging material group inner packaging material**
SG13	Status R MaxOcc 1000	**List of the individual packaging items**
SG15	Status D MaxOcc 99	**Label ID of the packaging (packaging item number)**

Only for the the summarization despatch advice (BGM 1001 = 2) it is not necessary to indicate the number of the transport label of the individual loading units of the consignment. For all other uses of VDA 4987 (BGM 1001 <> 2) this segment must be sent.

GIN	No 75 Status M MaxOcc 1	**Label ID of the packaging (packaging item number)**

	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	R	n9	**Package number specified by supplier** Only numbers (if applicable with leading zeroes) are allowed. The label ID may not be repeated within a calendar year until the number range from 000000001 to 999999999 is used.	+000000001
7402	R	an22	**Object identifier** The ID must be unique within 12 months related to one Ship-from Party to one recipient plant The License Plate Label ID is made up of the data identifier (DI), the code of the assigning agency (IAC) (UN for Dun & Breadstreet), the ship from ID (DUNS number) and the unique shipping unit ID assigned by the ship from identified by the DUNS number (e.g. 000012345) => 1JUN123456789000012345. The format is made up as follows: DI: an2 (mandatory) IAC: an2 (fixed value: UN) CID: an..9 (DUNS number of the consignor) SN: n9 (package number from the first DE 7402)	: 1JUN123456789 000000001
C208	O		**Identity number range**	
7402	R	n9	**Package number specified by supplier** ID of package	+000000002
7402	R	an22	**Object identifier** see 7402 #2	: 1JUN123456789 000000002
C208	O		**Identity number range**	
7402	R	n9	**Package number specified by supplier** ID of package	+000000003
7402	R	an22	**Object identifier** see 7402 #2	: 1JUN123456789 000000003
C208	O		**Identity number range**	
7402	R	n9	**Package number specified by supplier**	+000000004

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
7402	R	an22	**Object identifier** see 7402 #2	: 1JUN123456789 000000004
C208	O		**Identity number range**	
7402	R	n9	**Package number specified by supplier**	+000000005
7402	R	an22	**Object identifier** see 7402 #2	: 1JUN123456789 000000005'

Comment: If a unique assignment of the various packaging item IDs to each other is necessary, there must be an SG13 for each packaging item. Otherwise, the list of the corresponding IDs in the concerned GIN segment can be transmitted. The total number of SG 15 must not exceed 99. The package number may be used only once within a calendar year.

Example: `GIN+ML+000000001:1JUN123456789000000001+000000002:1JUN123456789000000002+000000003:1JUN123456789000000003+000000004:1JUN123456789000000004+000000005:1JUN123456789000000005'`

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG11	Status R MaxOcc 1	**Packaging material group inner packaging material**
SG13	Status R MaxOcc 1000	**List of the individual packaging items**
SG15	Status O MaxOcc 1	**Tray number in JIS-container**
GIN	No 76 Status M MaxOcc 1	**Tray number**

	St	Format	Usage	Example
GIN				GIN
7405	M	an..3	**Object identification code qualifier** **AO Position number in package**	+AO
C208	M		**Identity number range**	
7402	M	an..35	**Object identifier** Tray number	+1'

Comment:

Example: GIN+AO+1'

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

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG11	Status R MaxOcc 1	**Packaging material group inner packaging material**
SG13	Status R MaxOcc 1000	**List of the individual packaging items**
SG15	Status O MaxOcc 99	**Package / Container serial number**
GIN	No 77 Status M MaxOcc 1	**Serial Number**

	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 container. Might consist of data identifier (DI), agency code (e.g. UN for DUNS), manufacturer code (e.g. DUNS number), container type and serial number.	+27BUN341431658?+00000000000000000127'

Comment: All GIN Segments in one SG17 shall not exceed 100 occurrences.
Permanently assigned serial number of container (e.g. RFID tag)
If correct assignment of the various package IDs is required, generate a separate SG13 for each package.
If this is not the case, the list can be transmitted with the respective IDs in the relevant GIN segment. The total number of SG15 must not exceed 99

Example: `GIN+BN+27BUN341431658?+000000000000000127'`

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SG10 Status R, MaxOcc 9999 — **Despatch control line / group of inner packaging items and article line (packaging carrying parts)**

SG11 Status O, MaxOcc 9999 — **Packaging aid**

The number of SG 11 in a group of inner packaging items shall not exceed 9999.

PAC No 78, Status M, MaxOcc 1 — **Packaging aid**

	St	Format	Usage	Example
PAC				PAC
7224	R	n..6	**Package quantity** The number of additional packaging materials must be a whole number multiple of the loading units (main packaging material) so that they are assignable.	+8
C531	R		**Packaging details**	
7075	N		Not used	+
7233	R	an..3	**Packaging related description code** **37 Package protection** Code 37 identifies an additional packaging material	:37
7073	R	an..3	**Packaging terms and conditions code** Code for packaging conditions. **AAA One way packaging, supplier pays** **AAB One way packaging, customer pays** **AAC Customer's returnable package item** **AAD Supplier's returnable package item**	:AAC
C202	R		**Packaging identification of customer**	
7065	R	an..7	**Package type description code** Designation of the packaging, coded (packaging material code of the customer, e.g. conform LISON)	+12081A
1131	N		Not used	:
3055	O	an..3	**Code list responsible agency code** **92 Assigned by buyer or buyer's agent**	:92
C402	O		**Packaging identification of supplier**	
7077	M	an..3	**Description format code** **X Semi-structured (code + text)**	+X
7064	M	an..35	**Type of packages** Designation of the packaging, coded (packaging material code of the supplier).	:12081A
7143	C	an..3	**Item type identification code** **SA Supplier's article number**	:SA'

Comment: This PAC segment group describes the packaging items and their properties.
Identical packaging aids that belong to same kind of loading units MUST be aggregated. In principle, all actually used packagings are to be specified here in a structured manner.

Example: `PAC+8+:37:AAC+12081A::92+X:12081A:SA'`

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SG10 Status R, MaxOcc 9999 — **Despatch control line / group of inner packaging items and article line (packaging carrying parts)**

SG17 Status R, MaxOcc 9999 — **Article and despatched article**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes in which the inner packagings can include several item numbers.

LIN No 79, Status M, MaxOcc 1 — **Article number of the customer**

	St	Format	Usage	Example
LIN				LIN
1082	N		Not used	+
1229	N		Not used	+
C212	R		**Item number identification**	
7140	R	an..22	**ID of article/part number**	+991.551. 987.01
7143	R	an..3	**Item type identification code** **IN Buyer's item number**	:IN
C829	N			
5495	N		Not used	+
1222	D	n..2	**Configuration level number** Often for assembled parts the list of individual components are transmitted. The components are identified with their own part number. In this case several LIN segments may be transmitted for one SG10 without the necessity for a COPACK. All LIN segments belonging to such an assembled part have to be marked with code 2 in DE 1222. Without this marking (DE 1222 is not populated) the rule applies that each inner packaging must be of the same part number (see also COPACK rule in the process description of VDA 4987). **2 Article level (in multi-article package case)**	+2'

Comment: One LIN segment group represents either
a) one delivery note position of the shipment (in case of so called one-positional delivery notes the whole document) or
b) the partial delivery quantity per handling unit (or group of identical handling units).

Keys for a new delivery note position are:
- batch number
- manufacturing date
- expiry date

all specified on the inner package level
and on line item level:
- article / part number
- order number
- engineering change (EC)
- hardware version

Please note:
If parts belonging to one delivery note position are packed in different loading units or simplified loading units, then a separate SG17 has to be created for each of those loading units (or group of identical loading units) including the split quantity for this loading unit (or group of identical loading units) in QTY+11 and the total delivery quantity of this delivery note position in QTY+12.

In other words: if there are several SG17 with the same delivery note number and delivery note position, then it is required to include the split quantity in QTY+11 in addition to the total delivery

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quantity in QTY+12. The total delivery quantity (QTY+12) is then transmitted redundantly in each SG17.

Example: `LIN+++991.551.987.01:IN++2'`

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SG10 Status R, MaxOcc 9999 — **Despatch control line / group of inner packaging items and article line (packaging carrying parts)**

SG17 Status R, MaxOcc 9999 — **Article and despatched article**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes in which the inner packagings can include several item numbers.

PIA No 80, Status D, MaxOcc 1 — **Additional product id**

	St	Format	Usage	Example
PIA				PIA
4347	R	an..3	**Product identifier code qualifier** **1 Additional identification**	+1
C212	M		**Item number identification**	
7140	R	an..35	**ID number** 7143 = DR: generation status (GS-status), e.g. 01S, Format an3 7143 = BT: hardware status (HW-status), e.g. H01, Format an3 7143 = AG: software status (SW-status), e.g. 0010, Format n4 only digits, possibly with leading zeros	+123ABC
7143	R	an..3	**Item type identification code** **DR Drawing revision number** **AG Software revision number** **BT Technical phase** **SA Supplier's article number** DR - Parts generation status (changes with the tool that was used to manufacture the part) AG - Software status BT - Hardware status	:SA
C212	O		**Item number identification**	
7140	R	an..35	**ID number**	+01S
7143	R	an..3	**Item type identification code** For codes, see C212#1/DE 7143	:DR
C212	O		**Engineering Change Number**	
7140	R	an..35	**ID number**	+H01
7143	R	an..3	**Item type identification code** For codes, see C212#1/DE 7143	:BT
C212	O		**General specification number**	
7140	R	an..35	**Item identifier** ID number	+0010
7143	R	an..3	**Item type identification code** For codes, see C212#1/DE 7143	:AG'

Comment: The information on the generation status, software status and hardware status should be sent if they are known. For pre-series components, the specification of the part generation status is mandatory.
The sequence with which the C212s are filled with the individual IDs is unimportant. The first C212, however, must be used; the following repetitions are optional.

Specifically, the following formats and value ranges apply

Parts generation status 7143 = DR
From series tools: 01S-99S, auxiliary tools: 01H-99H, small series tools: 01K-99K,
If TGS could not be determined, the dummy value = 00S

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Hardware status 7143 = BT
Series: H01 - H99 and 001 - 999 Development, including pre-series: X01 - X99, Y01 - Y99 and Z01 - Z99

Software version 7143 = AG
Series: 0001 - 9999, development: digit 1: 0 - 9, A - Z, digit 2 - 4: 000 - 999 and AAA - ZZZ.

Example: `PIA+1+123ABC:SA+01S:DR+H01:BT+0010:AG'`

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SG10 Status R, MaxOcc 9999 — **Despatch control line / group of inner packaging items and article line (packaging carrying parts)**

SG17 Status R, MaxOcc 9999 — **Article and despatched article**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes in which the inner packagings can include several item numbers.

IMD No 81, Status R, MaxOcc 1 — **Product/service description**

	St	Format	Usage	Example
IMD				IMD
7077	N		Not used	+
C272	N			
7081	N		Not used	+
C273	R		**Item description**	
7009	R	an..17	**Usage code** **11 Production** **12 Sparepart** **17 Initial sample** Code 12 indicates a repeat order / reorder. For the plant Sachsenheim (plant code KP), only code 12 is permitted here. For all other plants, code 12 may only be transmitted with the process indicator PAG-JIS or PAG-TSL (BGM 1000). Only the same usage key is allowed for each 4987 in all SG17. When changing the usage code, a separate 4987 must be generated.	+11
1131	N		Not used	:
3055	O	an..3	**Code list responsible agency code** **272 Joint Automotive Industry agency**	:272
7008	O	an..40	**Item description** Article Description (Line 1) The description / brief designation of the article in simple text.	:Biegewerkzeug gem. Zeichnung 123'

Comment:

Example: `IMD+++11::272:Biegewerkzeug gem. Zeichnung 123'`

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG17	Status R MaxOcc 9999	**Article and despatched article**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes in which the inner packagings can include several item numbers.

MEA	No 82 Status O MaxOcc 1	**Net weight**

	St	Format	Usage	Example
MEA				**MEA**
6311	M	an..3	**Measurement purpose code qualifier** **PD Physical dimensions (product ordered)**	**+PD**
C502	R		**Measurement details**	
6313	R	an..3	**Measured attribute code** **AAL Net weight**	**+AAL**
C174	R		**Value/range**	
6411	R	an..3	**Measurement unit code** Code specifying the unit of measurement, use UN/ECE Rec. 20 **GRM gram** **KGM kilogram**	**+KGM**
6314	R	n..11	**Measure** Net Weight	**:9'**

Comment:

Example: **MEA+PD+AAL+KGM:9'**

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SG10 Status R, MaxOcc 9999 — **Despatch control line / group of inner packaging items and article line (packaging carrying parts)**

SG17 Status R, MaxOcc 9999 — **Article and despatched article**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes in which the inner packagings can include several item numbers.

QTY No 83, Status R, MaxOcc 1 — **Despatched quantity**

	St	Format	Usage	Example
QTY				QTY
C186	M		**Quantity details**	
6063	M	an..3	**Quantity type code qualifier** **12 Despatch quantity**	+12
6060	M	n..10	**Quantity** Despatched quantity	:9
6411	R	an..3	**Measurement unit code** Code specifying the unit of measurement, use UN/ECE Rec. 20 **C62 one** **PCE piece** **SET set** **MTR metre** **CMT centimetre** **MMT millimetre** **MTK square metre** **LEF leaf** **MTQ cubic metre** **LTR litre** **PR pair** **RO roll** **TNE tonne (metric ton)** **KGM kilogram** **GRM gram** **KMT kilometre** PCE and C62 are ynonymous for piece.	:PCE'

Comment:

Example: QTY+12:9:PCE'

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SG10 Status R, MaxOcc 9999 — **Despatch control line / group of inner packaging items and article line (packaging carrying parts)**

SG17 Status R, MaxOcc 9999 — **Article and despatched article**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes in which the inner packagings can include several item numbers.

QTY No 84, Status D, MaxOcc 1 — **Part of the whole quantity of one handling unit**

	St	Format	Usage	Example
QTY				QTY
C186	M		**Quantity details**	
6063	M	an..3	**Quantity type code qualifier** **11 Split quantity**	+11
6060	M	n..10	**Quantity** Actually despatched quantity	:9
6411	R	an..3	**Measurement unit code** Quantity (to be) Despatched Measure Unit Specifier Code specifying the unit of measurement, use UN/ECE Rec. 20 **C62 one** **PCE piece** **SET set** **MTR metre** **CMT centimetre** **MMT millimetre** **MTK square metre** **LEF leaf** **MTQ cubic metre** **LTR litre** **PR pair** **RO roll** **TNE tonne (metric ton)** **KGM kilogram** **GRM gram** **KMT kilometre** PCE and C62 are synonymous for piece.	:PCE'

Comment: In this QTY segment the delivery quantity of this loading unit or group of the same type of loading units is transmitted.
This segment is to be used if the overall delivery quantity of a part (of an item number) is divided into multiple LIN segment groups and transmitted.

Please note:
If parts belonging to one delivery note position are packed in different loading units or simplified loading units, then a separate SG17 has to be created for each of those loading units (or group of identical loading units) including the split quantity for this loading unit (or group of identical loading units) in QTY+11 and the total delivery quantity of this delivery note position in QTY+12.

In other words: if there are several SG17 with the same delivery note number and delivery note position, then it is required to include the split quantity in QTY+11 in addition to the total delivery quantity in QTY+12. The total delivery quantity (QTY+12) is then transmitted redundantly in each SG17.

Example: QTY+11:9:PCE'

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**

SG17	Status R MaxOcc 9999	**Article and despatched article**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes in which the inner packagings can include several item numbers.

ALI	No 85 Status R MaxOcc 1	**Country of origin, customs regime**

	St	Format	Usage	Example
ALI				`ALI`
3239	R	a2	**Country of origin identifier** Please declare the specific foreign trade origin of products and merchandise. Each product can be assigned with a country of origin due to their own production process. The country of origin is normally the country were the product had the last significant, economic justified process step. The determination of origin is defined by national legislation. In the European Union is this Art. 60 UCC.	`+DE`
9213	D	an..3	**Duty regime type code** **N No, origin is not subject to preference** **Y Yes, origin is subject to preference** Must be filled out if FTX+CUS was transmitted (declaration of preference). If the status is unclear, "N" must be transmitted. Y = preference authorised goods N = no preference authorisation	`+N'`

Comment:

Example: `ALI+DE+N'`

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SG10 Status R, MaxOcc 9999 — **Despatch control line / group of inner packaging items and article line (packaging carrying parts)**

SG17 Status R, MaxOcc 9999 — **Article and despatched article**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes in which the inner packagings can include several item numbers.

GIN No 86, Status O, MaxOcc 100 — **Serial Number(s) (e.g. serial number of a HV battery)**

	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 (e.g. serial number of a HV battery). 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.	+DATAIDENTIFIER
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.	: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.	+DATAIDENTIFIER
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.	+DATAIDENTIFIER
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.	+DATAIDENTIFIER

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
			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.	
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.	**+DATAIDENTIFIER**
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: All GIN Segments in one SG17 shall not exceed 100 occurrences.

Example: **GIN+BN+DATAIDENTIFIER:YPSERIALNUMMER+DATAIDENTIFIER:YPSERIALNUMMER+DATAIDENTIFIER:YPSERIALNUMMER+DATAIDENTIFIER:YPSERIALNUMMER+DATAIDENTIFIER:YPSERIALNUMMER'**

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG17	Status R MaxOcc 9999	**Article and despatched article**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes in which the inner packagings can include several item numbers.

SG18	Status R MaxOcc 1	**Delivery note reference**
RFF	No 87 Status M MaxOcc 1	**Delivery note number and delivery note line item**

	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	**Delivery note number** Delivery note number: ID number the supplier assigns to a delivery note; must not be used twice within the period of one year. One or more grouped loading units of the same type may have a maximum of just one delivery note number. That applies also to mixed packages. Porsche allows only one delivery note number per loading unit.	:12345678
1156	R	n..3	**Line number in the delivery note**	:1'

Comment:

Example: `RFF+AAU:12345678:1'`

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG17	Status R MaxOcc 9999	**Article and despatched article**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes in which the inner packagings can include several item numbers.

SG18	Status R MaxOcc 1	**Delivery note reference**
DTM	No 88 Status O MaxOcc 1	**Delivery note date**

	St	Format	Usage	Example
DTM				DTM
C507	M		**Date/time/period**	
2005	M	an..3	**Date or time or period function code qualifier** **171 Reference date/time**	+171
2380	R	n..12	**Date or time or period text** Delivery note date	:20190523
2379	R	an..3	**Date or time or period format code** **102 CCYYMMDD** **203 CCYYMMDDHHMM**	:102'

Comment:

Example: DTM+171:20190523:102'

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SG10 Status R, MaxOcc 9999 — **Despatch control line / group of inner packaging items and article line (packaging carrying parts)**

SG17 Status R, MaxOcc 9999 — **Article and despatched article**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes in which the inner packagings can include several item numbers.

SG18 Status D, MaxOcc 1 — **Reference to delivery schedule, JIT- or JIS-delivery instruction**

The indication of the reference to a forecast delivery schedule, JIT or JIS daily call-off is only not required for the summarization despatch advice (BGM 1001 = 2). For all other uses of VDA 4987 (BGM 1001 <> 2) this segment must be sent.

RFF No 89, Status M, MaxOcc 1 — **Reference to delivery schedule, JIT- or JIS-delivery instruction**

	St	Format	Usage	Example
RFF				RFF
C506	M		**Reference**	
1153	M	an..3	**Reference code qualifier** **AAN Delivery schedule number** Reference to delivery schedule (VDA 4984 - DELFOR BGM 1001 = 236 or 241) **AXA Instruction to despatch reference number** Reference to a delivery instruction (VDA 4984 - DELFOR BGM 1001 = 242 or VDA 4915) or to a JIS-delivery instruction (VDA 4986 - DELJIT)	+AAN
1154	R	an..35	**Reference to delivery schedule (e.g. VDA 4984 - DELFOR) / Reference to JIT- or JIS-delivery instruction (e.g. VDA 4915 or 4986 -DELJIT)** It is always necessary to reference the last binding call-off.	:104'

Comment:

Example:
```
RFF+AAN:104'
RFF+AXA:104'
```

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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SG10 Status R, MaxOcc 9999 — **Despatch control line / group of inner packaging items and article line (packaging carrying parts)**

SG17 Status R, MaxOcc 9999 — **Article and despatched article**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes in which the inner packagings can include several item numbers.

SG18 Status D, MaxOcc 1 — **Reference to delivery schedule, JIT- or JIS-delivery instruction**

The indication of the reference to a forecast delivery schedule, JIT or JIS daily call-off is only not required for the summarization despatch advice (BGM 1001 = 2). For all other uses of VDA 4987 (BGM 1001 <> 2) this segment must be sent.

DTM No 90, Status O, MaxOcc 1 — **Reference date**

	St	Format	Usage	Example
DTM				DTM
C507	M		**Date/time/period**	
2005	M	an..3	**Date or time or period function code qualifier** **171 Reference date/time**	+171
2380	R	n..12	**Date or time or period text** Date of reference document	:20190522
2379	R	an..3	**Date or time or period format code** **102 CCYYMMDD**	:102'

Comment:

Example: DTM+171:20190522:102'

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG17	Status R MaxOcc 9999	**Article and despatched article**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes in which the inner packagings can include several item numbers.

SG18	Status R MaxOcc 1	**Order reference**
RFF	No 91 Status M MaxOcc 1	**Purchase order number**

	St	Format	Usage	Example
RFF				`RFF`
C506	M		**Reference**	
1153	M	an..3	**Reference code qualifier** **ON Order document identifier, buyer assigned**	`+ON`
1154	R	n..12	**Order reference** Completion number / purchase order number. Only the order number specified in the forecast delivery schedule is to be used: VDA 4905: SA512, Pos 10 VDA 4984: RFF+ON	`:80011052'`

Comment:

Example: `RFF+ON:80011052'`

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG17	Status R MaxOcc 9999	**Article and despatched article**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes in which the inner packagings can include several item numbers.

SG18	Status R MaxOcc 1	**Order reference**
DTM	No 92 Status O MaxOcc 1	**Reference date**

	St	Format	Usage	Example
DTM				DTM
C507	M		**Date/time/period**	
2005	M	an..3	**Date or time or period function code qualifier** **171 Reference date/time**	+171
2380	R	n..12	**Date or time or period text** Order date	:20190101
2379	R	an..3	**Date or time or period format code** **102 CCYYMMDD**	:102'

Comment:

Example: DTM+171:20190101:102'

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG17	Status R MaxOcc 9999	**Article and despatched article**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes in which the inner packagings can include several item numbers.

SG18	Status O MaxOcc 1	**Invoice document identifier**
RFF	No 93 Status M MaxOcc 1	**Invoice document identifier**

	St	Format	Usage	Example
RFF				`RFF`
C506	M		**Reference**	
1153	M	an..3	**Reference code qualifier** **IV Invoice document identifier**	`+IV`
1154	R	an..35	**Reference identifier** Unique identifier of a document. Synonym: document number or reference number	`:Rechnungsnummer'`

Comment:

Example: `RFF+IV:Rechnungsnummer'`

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG17	Status R MaxOcc 9999	**Article and despatched article**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes in which the inner packagings can include several item numbers.

SG19	Status O MaxOcc 1	**Dangerous goods information**
DGS	No 94 Status M MaxOcc 1	**Dangerous goods**

	St	Format	Usage	Example
DGS				DGS
8273	O	an..3	**Dangerous goods regulations code**	+ADR
C205	N			
8351	N		Not used	+
C234	R		**UNDG information**	
7124	R	n4	**United Nations Dangerous Goods (UNDG) identifier** 4-digit UNDG code	+1234'

Comment:

Example: DGS+ADR++1234'

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG17	Status R MaxOcc 9999	**Article and despatched article**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes in which the inner packagings can include several item numbers.

SG19	Status O MaxOcc 1	**Dangerous goods information**
FTX	No 95 Status O MaxOcc 1	**Dangerous goods description**

	St	Format	Usage	Example
FTX				**FTX**
4451	M	an..3	**Text subject code qualifier** **AAD Dangerous goods technical name**	**+AAD**
4453	N		Not used	**+**
C107	N			
4441	M	an..17	**Free text description code**	**+**
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'`

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SG10	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line (packaging carrying parts)**
SG17	Status R MaxOcc 9999	**Article and despatched article**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes in which the inner packagings can include several item numbers.

SG19	Status O MaxOcc 1	**Dangerous goods information**
FTX	No 96 Status O MaxOcc 1	**Dangerous goods declaration exception**

	St	Format	Usage	Example
FTX				`FTX`
4451	M	an..3	**Text subject code qualifier** **HAZ Hazard information**	`+HAZ`
4453	N		Not used	`+`
C107	N			
4441	M	an..17	**Free text description code**	`+`
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'`

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SG10 Status R, MaxOcc 9999 — **Despatch control line / group of inner packaging items and article line (packaging carrying parts)**

SG17 Status R, MaxOcc 9999 — **Article and despatched article**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes in which the inner packagings can include several item numbers.

SG20 Status D, MaxOcc 1 — **Point of use**

The Point of Use has to be transmitted if it was sent in the Call-off or PAB.

LOC No 97, Status M, MaxOcc 1 — **Internal place of use**

	St	Format	Usage	Example
LOC				LOC
3227	M	an..3	**Location function code qualifier** **159 Additional internal destination**	+159
C517	R		**Location identification**	
3225	R	an..14	**Location identifier** Identifier of location, site, etc.	+6728SGJ1SAEU2
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:

Example: `LOC+159+6728SGJ1SAEU2::92'`

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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SG10 Status R, MaxOcc 9999 — **Despatch control line / group of inner packaging items and article line (packaging carrying parts)**

SG17 Status R, MaxOcc 9999 — **Article and despatched article**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes in which the inner packagings can include several item numbers.

SG20 Status R, MaxOcc 1 — **Storage location**

An internal location within the ship-to's premises, where goods are moved to after they have been unloaded, e.g. an assembly line, an internal warehouse, etc.

LOC No 98, Status M, MaxOcc 1 — **Storage location**

	St	Format	Usage	Example
LOC				`LOC`
3227	M	an..3	**Location function code qualifier** **7 Place of delivery**	`+7`
C517	R		**Location identification**	
3225	R	an..7	**Location identifier** Identifier of location, site, etc.	`+HRL`
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`
3224	O	an..256	**Location name** Name of place/location	`:Interner Bestimmungsort'`

Comment:

Example: `LOC+7+HRL::92:Interner Bestimmungsort'`

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UNT

No 99
Status M
MaxOcc 1

Message trailer

	St	Format	Usage	Example
UNT				`UNT`
0074	M	n..6	**Number of segments in the message** Number of segments in the message	`+99`
0062	M	an..14	**Message reference number** Message reference number	`+1'`

Comment:

Example: `UNT+99+1'`

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UNZ

No 100
Status M
MaxOcc 1

Interchange trailer

	St	Format	Usage	Example
UNZ				UNZ
0036	M	n..6	**Interchange control count** number of messages in the interchange	+1
0020	M	an..14	**Interchange control reference** Unique ID of the interchange.	+9999999999'

Comment:

Example: UNZ+1+9999999999'

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