

VOLKSWAGEN GROUP

Volkswagen VDA 4984 T2 Delivery call-off

VDA 2.1
VW 1.9

Based on: VDA 4984 T2 - GLOBAL DELFOR; VDA 2.1; VW 1.9



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1 Introduction

The user manuals for the EDIFACT formats used in the Volkswagen Group are intended to support the partner in independent implementation.

1.1 Aim

This document describes the specific characteristics of VDA Recommendation 4984 Delivery call-off as used in the VOLKSWAGEN GROUP. In the following, VOLKSWAGEN GROUP refers to all participating companies of the VOLKSWAGEN GROUP.

Since version VW 1.6, deviations of Porsche AG were also described in this document. To avoid misinterpretation, Porsche AG is providing a separate version of VDA 4984 Delivery Call-off for Porsche AG with immediate effect.

In principle, the entire scope of the underlying VDA recommendation must be taken into account during implementation. Segments and data elements that are currently not used by the VOLKSWAGEN GROUP are marked as "NOT USED". However, VOLKSWAGEN GROUP reserves the right to use previously unused elements of VDA 4984 in the future if required.

1.2 Supported Processes

The following business processes for production material and Genuine Parts® are currently supported with the EDIFACT message described.

- Delivery schedule
- JIT call-off
- NLK call-off preview
- Delivery call-off as gross requirements preview for sequence call-offs
- JIT call-off as gross requirements preview for sequence call-off

The message is always sent with the same virtual file name, e.g. DUC.KEYXYZ.VDA4984.VW, for each brand or local company.

The underlying logistics process is no longer transmitted in the logical file name but in the BGM segment data element 1000 (process identifier) with a short name, such as "LAB-ED", for conventional delivery call-offs with expected arrival date.

2 Area of application

In principle, this recommendation applies to all participating brands and locations of the VOLKSWAGEN GROUP with the exception of Porsche AG. The current overview of OFTP parameters shows which brands and locations are participating.

The aim is for all locations worldwide to work in accordance with this application manual.

Companies and brands that have recently joined the Volkswagen Group, such as MAN and SCANIA, are excluded until further notice.

3 References

The following are links to further information on the topic

3.1 VOLKSWAGEN GROUP

[Elektronischer Datenaustausch \(EDI\) \(vwgroupsupply.com\)](https://vwgroupsupply.com)

3.2 VDA (Association of Automotive Industry)

[Verband der Automobilindustrie e. V. | VDA](https://www.vda.de)

3.3 Odette International

[Resources | Odette](#)

Changelog

SG	Se	No	DE	Date	Version	Description
				2024-12-19	1.9	Changed Klassifizierung: K-FIML/5 - Kl. 9.1 - 4 Jahre/Kopie -> K-DAPL/KL-GMD - PUBLIC – CSD 2.2 7 Years
Cumulative quantity received				2024-11-20	1.8	Remark deleted old QTY+70 is transmitted only with BGM+241::LAB-ED+231234+9', BGM+242::FAB-ED+231234+9' and BGM+236::AV+231234+9'.
SG16	QTY	035				Porsche AG The cumulative quantity received is always transmitted new QTY+70 is transmitted only with BGM+241::LAB-ED+231234+9', BGM+242::FAB-ED+231234+9' and BGM+236::AV+231234+9'.
Consumption point				2024-11-20	1.8	Remark deleted was Code 7 is transmitted only in call-offs of Porsche AG
SG12	LOC	024	3227			
			Location function code qualifier 159			
Processing information				2024-11-20	1.8	Remark Punkt 3 geändert alt 3. A separate deliver instruction has to be generated as soon as on of the following parameter changes: a) the ship to party b) the place of discharge c) the order number (frame contract) d) the article/part number
SG6	GEI	014				neu 3. Ein separater Lieferabruf wird generiert, sobald sich eines der folgenden Kriterien ändert: 3.1 ship from 3.2 Place of loading 3.3 ship to 3.4 place of discharge 3.5 the article/part number
Internal Destination (Warehouse)				2024-11-19	1.8	Remark canceled because of separate Porsche Guide Is transmitted only by Porsche AG!
SG7	LOC	016	3224			
Ship to				2024-11-19	1.8	old: not available new The plant number is always transferred. Further address data is transferred if available in the master data of the source system. All address data is available as a CSV file in the Group business platform www.vwgroupsupply.com after logging in under the following path: Information/Divisions/ Logistics/TSB Generator "Delivery and plant addresses".
SG7	NAD	015				

SG	Se	No	DE	Date	Version	Description
Place of discharge SG7	LOC	017	3224	2024-10-18	1.8	Remark geändert: old: The address of the place of discharge is transmitted as text format. The address details are by semikolons according to the following schema: Name
Beginning of message BGM	004	1000		2024-10-15	1.8	Porsche Processindicator deleted from Group Version! was: -PAG-LAB -PAG-FAB
Beginning of message BGM	004			2024-10-15	1.8	Remark changed -> Porsche deleted: old: The following combinations BGM DE 1001 and DE 1000 are possible. BGM+241:::LAB-ED+231234+9' = Delivery instruction - DTM+2 = Delivery date BGM+242:::FAB-ED+231234+9' = Daily call-off - DTM+2 = Delivery date BGM+236:::LAB-ML+231234+9' = Gross demand for JIS - DTM+2 = Delivery date BGM+236:::FAB-ML+231234+9' = Gross demand for JIS as Daily call-off - DTM+2 = Delivery date BGM+236:::AV+231234+9' = NLK Delivery pre-advice - DTM+10 = Pick-up date Only Porsche AG BGM+241:::PAG-LAB+231234+9' = Delivery call-off - DTM+2 = Delivery date BGM+236:::PAG-LAB+231234+9' = delivery schedule - DTM+2 = Delivery date and DTM+64 = earliest delivery date and DTM+63 = latest delivery date BGM+242:::PAG-FAB+231234+9' = Detailed call-off - DTM+2 = Delivery date new The following combinations BGM DE 1001 and DE 1000 are possible. BGM+241:::LAB-ED+231234+9' = Delivery instruction - DTM+2 = Delivery date BGM+242:::FAB-ED+231234+9' = Daily call-off - DTM+2 = Delivery date BGM+236:::LAB-ML+231234+9' = Gross demand for JIS - DTM+2 = Delivery date BGM+236:::FAB-ML+231234+9' = Gross demand for JIS as Daily call-off - DTM+2 = Delivery date

SG	Se	No	DE	Date	Version	Description
						BGM+236:::AV+231234+9' = NLK Delivery pre-advance - DTM+10 = Pick-up date
Seller's Name and Address				2024-10-11	1.8	Old NAD+SE is used to identify the supplier in the ASN. In the delivery call-offs, NAD+SE is identical to NAD+SF, since the ERP systems cannot currently distinguish between these two roles. Porsche AG Porsche actually differentiates between NAD+SE and NAD+SF. But identical data can occur here as well. New In the delivery call-off according to VDA 4984 of the Volkswagen Group, the address of the shipper of the goods is sometimes transferred in the NAD+SE segment even if the seller's address is different. The reason for this is that the source system does not hold the seller's address. If the material is despatched from an address that differs from the seller's address, a new supplier index must be requested at procurement in order to switch the call-off process to this address. For error-free processing of VDA 4987, it is essential to transfer the segments NAD+SE and NAD+SF with the data from the delivery call- off.
SG2	NAD	010				
Place of discharge				2024-10-09	1.8	Beispiel geändert: alt: LOC+7+DOCK 5::92' neu: LOC+7+54S::92'
SG7	LOC	017				
Place of discharge				2024-10-09	1.8	Name geändert: alt: Anlieferstelle neu: Abladestelle
SG7	LOC	017				
Place of discharge				2024-10-09	1.8	Remark geändert: alt: Due to technical reasons and different from the rules of the VDA 4984 only the actual unloading place is transmitted in LOC+7. neu: In the Volkswagen Group (with the exception of the Porsche and MAN brands), the physical place of discharge of the material from the means of transport is transmitted in segment LOC+7. The internal destination (storage location) of the material is transmitted in Segment LOC+11. -> Please also refer to our Change Management Supplier document on this topic
SG7	LOC	017				
Internal Destination (Warehouse)				2024-10-09	1.8	Beispiel geändert: alt: LOC+11+DOCK 5::92' neu: LOC+11+1AB07::92'
SG7	LOC	016				
Internal Destination (Warehouse)				2024-10-09	1.8	Name geändert: alt: Unloading point

SG	Se	No	DE	Date	Version	Description
SG7	LOC	016				neu: Internal destination
Internal Destination (Warehouse)				2024-10-09	1.8	Remark geändert: old: Due to technical reasons and different from the rules of the VDA 4984 only an internal warehouse is transmitted. The physical place of discharge of the lorry etc. is indicated in LOC+7. new: In the Volkswagen Group (with the exception of the Porsche and MAN brands), the internal destination of the material (e.g. the warehouse) is transferred in segment LOC+11. The Place of discharge of the means of transport is specified in LOC+7. -> Please also refer to our Change Management Supplier document on this topic
SG7	LOC	016				
Message header				2020-08-03	1.8	GAVB21 added
UNH	003	0057				
Quantity				2020-07-28	1.8	Code 73 added
SG19	QTY	046	6063			
Beginning of message				2020-07-28	1.8	Added Porsche AG: BGM+236::: PAG-LAB+231234+9' = delivery schedule - DTM+2 = Delivery date and DTM+64 = earliest delivery date and DTM+63 = latest delivery date
BGM	004					
Scheduling data				2017-07-12	1.6	Examples for Porsche AG added
SG18	SCC	045				
Cumulative quantity received				2017-07-12	1.6	Comment for Porsche AG added: "The cumulative quantity received is always transmitted"
SG16	QTY	035				
Consumption point				2017-07-12	1.6	Porsche AG: Code 7 added
SG12	LOC	024	3227			
Internal Destination (Warehouse)				2017-07-12	1.6	DE 3224 added for call-offs of Porsche AG!
SG7	LOC	016	3224			
Processing information				2017-07-12	1.6	Code 36 added. It is only used for daily call-offs of Porsche AG.
SG6	GEI	014	7365			
Seller's Name and Address				2017-07-12	1.6	Remark deleted By introducing of the new VDA recommendations, based on the Global Messages, the European plants from VW and AUDI use the 10-digit spelling of the supplier number.
SG2	NAD	010	3039			
Seller's Name and Address				2017-07-11	1.6	VDA remark deleted Seller: The party who has liability to fulfill the contract. It is often used in the sense of seller and supplier and ship-from.
SG2	NAD	010				
Beginning of message				2017-07-11	1.6	Process tag LAB-AD deleted
BGM	004	1000				
Beginning of message				2017-07-11	1.6	Examples for Porsche AG added
BGM	004					
Beginning of message				2017-03-27	1.6	Process references of Porsche AG added: PAG-LAB-S, PAG-LAB-ET,
BGM	004	1000				

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SG	Se	No	DE	Date	Version	Description
24						
Scheduling data				2014-07-04	1.3	Remark "The following combinations BGM DE 1001 and DE 1000 are possible...." changed, Code 1 deleted in 4017.
SG18	SCC	045				
Cumulative quantity received at the end of the previous period (set back to zero)				2014-07-01	1.3	Remark added: QTY+72 is transmitted only with BGM+241::: LAB-ED+231234+9', BGM+242::: FAB-ED+231234+9' and BGM+236:::AV+231234+9'.
SG16	QTY	039				
Cumulative quantity ordered JIS				2014-07-01	1.3	Remark changed: QTY+71 is transmitted only with BGM+236::: LAB-ML+231234+9' = Gross demands JIS --> QTY+71 is transmitted only with BGM+236::: LAB-ML/FAB-ML+231234+9' = Gross demands JIS.
SG16	QTY	037				
Cumulative quantity received				2014-07-01	1.3	Remark added: QTY+70 is transmitted only with BGM+241::: LAB-ED+231234+9', BGM+242::: FAB-ED+231234+9' and BGM+236:::AV+231234+9'.
SG16	QTY	035				
Delivery instruction number old			Reference code qualifier	2014-07-01	1.3	Remark deleted: Mindestens die Lieferplannummer und die Bestellnummer / Rahmenvertragsnummer müssen angegeben werden.
SG13	RFF	030	1153	AIF		
Delivery instruction number old				2014-07-01	1.3	Remark deleted: Mindestens die Lieferplannummer und die Bestellnummer / Rahmenvertragsnummer müssen angegeben werden.
SG13	RFF	030				
Delivery instruction number new			Reference code qualifier	2014-07-01	1.3	Remark deleted: AAN = current delivery instruction number AIF = previous delivery instruction number ON = order number / frame contract number
SG13	RFF	028	1153	AAN		
Delivery instruction number new				2014-07-01	1.3	Remark deleted: Mindestens die Lieferplannummer und die Bestellnummer / Rahmenvertragsnummer müssen angegeben werden.
SG13	RFF	028				
Order number				2014-07-01	1.3	Remark deleted: Mindestens die Lieferplannummer und die Bestellnummer / Rahmenvertragsnummer müssen angegeben werden.
SG13	RFF	027				
Order number				2014-07-01	1.3	Remark deleted: For Gross Demands in the JIS process (BGM+236:::LAB-ML+231234+9' and und BGM+236:::FAB-ML+231234+9') there is order number available. For theses processes the place holder value "NOT AVAILABLE" is transmitted.
SG13	RFF	027				
Type of instruction				2014-07-01	1.3	Status O --> R
DTM	006					
Beginning of message			Document name code	2014-069-	1.3	Sample: code "240" replaced by

SG	Se	No	DE		Date	Version	Description
	BGM	004	1001	241		23	"241"
Beginning of message				Document name code	2014-069-23	1.3	Code 240 deleted
	BGM	004	1001	241			
Beginning of message				Process indicator	2014-05-12	1.2	Prozesskennzeichen an VDA 4987 angepaßt, Namen erweitert.
	BGM	004	1000				
Scheduling data				Delivery plan commitment level code	2014-01-14	1.3	Code 1 added.
SG18	SCC	045	4017	24			
Ship from's Name and Address				Code list responsible agency code	2014-01-07	1.3	Code 16 gelöscht
SG2	NAD	012	3055	92			
Ship from's Name and Address				Code list responsible agency code	2014-01-07	1.3	Status O --> R
SG2	NAD	012	3055	92			
Ship from's Name and Address					2014-01-07	1.3	Status O --> R
SG2	NAD	012					
Interchange header				System reference	2013-11-15	1.2	Description added
	UNB	002	0008				
Place of discharge				Adress Data of the point of discharge	2013-10-24	1.2	Description on address composition added
SG7	LOC	017	3224				
Item short description				Item description code	2013-10-02	1.2	Code descriptions updated
SG12	IMD	023	7009	11			
Scheduling data					2013-10-01	1.3	Examples updated
SG18	SCC	045					
Last received delivery note number					2013-10-01	1.3	Examples updated
SG17	RFF	043					
Cumulative quantity ordered JIS					2013-10-01	1.3	Examples updated
SG16	QTY	037					
Order number					2013-10-01	1.3	Examples updated
SG13	RFF	027					
Beginning of message				Process indicator	2013-10-01	1.2	Process names changed, new: LAB-AD (planned)
	BGM	004	1000				
Beginning of message				Document name code	2013-10-01	1.2	Code 241 added
	BGM	004	1001	241			
Beginning of message					2013-10-01	1.2	Examples changed and new example LAB-AD added
	BGM	004					
Scheduling data					2013-09-04	1.1	Example for some SCC segments corrected or added. Old: SCC+10, new: SCC+4
SG18	SCC	045					

Legend

Format

- a..9 alphabetic, variable length, 1 to 9 characters
- n..9 numeric, variable length, 1 to 9 digits, without leading zeros
- an..9 alphanumeric, variable length, 1 to 9 characters, without following spaces
- a9 alphabetic, fixed length, 9 characters
- n9 numeric, fixed length, 9 digits, with leading zeros if applicable
- an9 alphanumeric fixed length, 9 characters, with following spaces if applicable

EDIFACT-Status

- M Mandatory
- C Conditional

VW-Status

- R Required
- O Optional
- D Depending
- A Advised
- N Not used

M and R mean in both cases „Mandatory“.

C and O mean in both cases „Conditional“.

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

Message type

Tag	No	St	MaxOcc	Name
UNA	1	O	1	Service string advice UNA:+. ? '
UNB	2	M	1	Interchange header UNB+UNOC:3+OD012345:59:LAFES+987654321:1:X+071205:1446+144659+++++1'
UNH	3	M	1	Message header UNH+123456+DELFOR:D:04A:UN:GAVB11'
BGM	4	M	1	Beginning of message BGM+241:::LAB-ED+1446591+9'
DTM	5	M	1	Document Issue Date DTM+137:20140523:102'
DTM	6	R	1	Type of instruction DTM+2'
FTX	7	O	5	Information Text FTX+AAI+++Legal Notice'
SG2		R	1	Buyer / Customer
NAD	8	M	1	Buyer's Name and Address NAD+BY+88012::91++Volkswagen AG::X++Wolfsburg++38444+DE'
SG3		O	1	Additional Party ID (DUNS)
RFF	9	M	1	DUNS no. RFF+ANK:995231145'
SG2		R	1	Seller / Supplier
NAD	10	M	1	Seller's Name and Address NAD+SE+0000128317::92++Auto Parts GmbH+Vorm Anger 3+Augsburg++86150+DE'
SG3		O	1	DUNS number
RFF	11	M	1	DUNS number RFF+ANK:963852258'
SG2		O	1	Ship from
NAD	12	M	1	Ship from's Name and Address NAD+SF+0000128317::92++Auto Parts GmbH:X::X+Am Anger 3:X+Augsburg++86150+DE'
SG3		O	1	Additional Party ID (DUNS)
RFF	13	M	1	Reference RFF+ANK:963852258'
SG6		R	9999	Ship to level
GEI	14	M	1	Processing information GEI+3+37'

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

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Tag	No	St	MaxOcc	Name
SG7		R	1	Ship to
NAD	15	M	1	Ship to NAD+ST+11::92++Volkswagen AG Wolfsburg+Zufahrt ueber A39+ Wolfsburg++38436+DE'
LOC	16	R	1	Internal Destination (Warehouse) LOC+11+1AB07::92:X'
LOC	17	R	1	Place of discharge LOC+7+CKD::92:Halle 103; Zufahrt ueber A39; 38436 Wolfsburg; Deutschland'
LOC	18	O	1	Point of transfer between shipment steps LOC+13+X::X'
FTX	19	O	5	General Information Text FTX+AAI+++Free text+DE'
SG8		O	1	DUNS number
RFF	20	M	1	DUNS number RFF+ANK:321549214'
SG12		R	9999	Scheduled Article Details
LIN	21	M	1	Article number assigned by the buyer. LIN+1++ 123 HGH 1357:IN'
PIA	22	O	1	Articel number assigned by the seller PIA+1+HZOK3:SA'
IMD	23	O	10	Item short description IMD+F++11::272:Außenspiegel::DE'
LOC	24	O	1	Consumption point LOC+159+SDA 1235::92'
FTX	25	O	5	Article text FTX+LIN+++Sonderlackierung+DE'
FTX	26	O	5	General information text FTX+AAI+++Werksurlaub vom 30.06.2013 bis 21.07.2013+DE'
SG13		R	1	Order number
RFF	27	M	1	Order number RFF+ON:0000006'
SG13		R	1	Delivery instruction number new
RFF	28	M	1	Delivery instruction number new RFF+AAN:000000002'
DTM	29	O	1	Delivery instruction date DTM+171:20040528:102'
SG13		R	1	Delivery instruction number old
RFF	30	M	1	Delivery instruction number old RFF+AIF:000000001'

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Tag	No	St	MaxOcc	Name
DTM	31	O	1	Delivery instruction date DTM+171:20040528:102'
SG14		O	1	Article related contact information
CTA	32	M	1	Contact information CTA+SC+NA4FA:Franz Meier'
COM	33	O	5	Communication contact COM+?+49-5361-933000:TE'
SG16		O	1	Delivery balance
QTY	34	M	1	Delivery balance quantity QTY+83:5000:PCE'
SG16		O	1	Cumulative quantity received
QTY	35	M	1	Cumulative quantity received QTY+70:100000:PCE'
DTM	36	O	2	Cumulative quantity date(s) DTM+51:20050101:102'
SG16		O	1	Cumulative quantity ordered JIS
QTY	37	M	1	Cumulative quantity ordered JIS QTY+71:100000:PCE'
DTM	38	O	2	Cumulative quantity date for Gross demand DTM+51:20050101:102'
SG16		O	1	Cumulative quantity received at the end of the previous period (set back to zero)
QTY	39	M	1	Cumulative quantity received at the end of the previous period (set back to zero) QTY+72:50000:PCE'
DTM	40	O	2	Cumulative quantity date until set back to zero DTM+52:20050101:102'
SG16		O	3	Most recent arrival(s) of goods
QTY	41	M	1	The most recent arrival(s) of goods QTY+194:10000:PCE'
DTM	42	C	2	Date/time/period DTM+50:20130701:102'
SG17		O	1	Last received delivery note number
RFF	43	M	1	Last received delivery note number RFF+AAU:12345'
DTM	44	O	1	Delivery note date DTM+171:20120831:102'
SG18		D	999	Scheduling data
SCC	45	M	1	Scheduling data SCC+24'

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Tag	No	St	MaxOcc	Name
SG19		R	999	Scheduled quantity
QTY	46	M	1	Quantity QTY+113:4500:PCE '
DTM	47	R	2	Scheduled date(s) DTM+2:20120906:102 '
UNT	48	M	1	Message trailer UNT+49+123456 '
UNZ	49	M	1	Interchange trailer UNZ+1+144659 '

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

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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 Full stop	.
UNA4	M	an1	Release indicator Question mark	?
UNA5	M	an1	Reserved for future use Blank	
UNA6	M	an1	Segment terminator Apostroph	'

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 2 Version 2 3 Version 3	: 3
S002	M		Interchange sender	
0004	M	an..35	Sender identification Unique ID of the sender in the data transmission network or system.	+OD012345
0007	O	an..4	Partner identification code qualifier	: 59
0008	O	an..14	System reference Original ERP system in the Volkswagen Group with which the message contents were generated.	: LAFES
S003	M		Interchange recipient	
0010	M	an..35	Recipient identification Unique ID of the receiver in the data transmission network or system.	+987654321
0007	O	an..4	Partner identification code qualifier	: 1
0014	C	an..14	Routing address	: X
S004	M		Date/time of preparation	
0017	M	n6	Date of preparation Format YYMMDD	+071205
0019	M	n4	Time of preparation Format HHMM	: 1446
0020	M	an..14	Interchange control reference Unique ID of an interchange. The ID is equal to BGM C106 1004 without counter	+144659
S005	N			
0022	N		Not used	+
0026	N		Not used	+
0029	N		Not used	+
0031	N		Not used	+
0032	N		Not used	+
0035	O	n1	Test indicator 1 Interchange is a test Only to be used, if the interchange is for test purposes. Omit this data element for valid interchanges.	+1 '

Comment:

Example: UNB+UNOC : 3+OD012345 : 59 : LAFES+987654321 : 1 : X+071205 : 1446+144659++++
++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)

K-DAPL/KL-GMD - PUBLIC – CSD 2.2 7 Years

UNHNo 3
Status M
MaxOcc 1**Message header**

	St	Format	Usage	Example
UNH				UNH
0062	M	an..14	Message reference number	+123456
S009	M		Message identifier	
0065	M	an..6	Message type DELFOR Delivery schedule message	+DELFOR
0052	M	an..3	Message version number D Draft version/UN/EDIFACT Directory	:D
0054	M	an..3	Message release number 04A Release 2004 - A	:04A
0051	M	an..2	Controlling agency UN UN/CEFACT	:UN
0057	R	an..6	Association assigned code Identification of the subset release, assigned by the responsible organisation GAVB11 VDA DELFOR Version 1.1 GAVB21 VDA DELFOR Version 2.1 The code "GAVB21" is used at the time of publication of this version of the guidelines only for call-offs of Porsche AG	:GAVB11 '

Comment:**Example:** **UNH+123456+DELFOR:D:04A:UN:GAVB11 '**

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

K-DAPL/KL-GMD - PUBLIC – CSD 2.2 7 Years

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 236 Delivery forecast 241 Delivery schedule 242 Delivery just-in-time Code 236 - message contains only forecasting figures Code 241 - message contains forecasting and firm figures (combination of firm instructions and forecasting figures) Code 242 - message contains daily call-off data in the near future (5..max. 18 days) If a message is qualified as forecast, it serves solely as non-binding forecast information. There is NO purchase commitment connected to such message. A message qualified with 242 must always be preceded by a message qualified with 241.	+241
1131	N		Not used	:
3055	O	an..3	Code list responsible agency code 6 UN/ECE (United Nations - Economic Commission for Europe) Code specifying the agency responsible for a code list.	:
1000	R	an..35	Process indicator In the DE 1000 the reference to the according delivery process is transmitted. Currently the following code/processes are used. AV NLK Delivery Pre-Advice FAB-ED Daily call-off with delivery date LAB-ED Delivery call-off with delivery date FAB-ML Daily call-off gross demands JIS LAB-ML Gross demands JIS	: LAB-ED
C106	R		Document/message identification	
1004	R	an..35	Document identifier Unique identifier of a document. Synonym: document number Number from UNB 0020 enlarged by a counter of messages in the interchange. Each interchange restarts with "1". Example: UNB 1000 = BGM 1000n = 10001	+1446591
1225	O	an..3	Message function code 9 Original Code indicating the function of the document.	+9 '

Comment: The following combinations BGM DE 1001 and DE 1000 are possible.

BGM+241:::LAB-ED+231234+9' = Delivery instruction - DTM+2 = Delivery date
 BGM+242:::FAB-ED+231234+9' = Daily call-off - DTM+2 = Delivery date
 BGM+236:::LAB-ML+231234+9' = Gross demand for JIS - DTM+2 = Delivery date
 BGM+236:::FAB-ML+231234+9' = Gross demand for JIS as Daily call-off - DTM+2 = Delivery date

BGM+236:::AV+231234+9' = NLK Delivery pre-advice - DTM+10 = Pick-up date

Only Porsche AG

BGM+241:::PAG-LAB+231234+9' = Delivery call-off - DTM+2 = Delivery date
 BGM+236:::PAG-LAB+231234+9' = delivery schedule - DTM+2 = Delivery date and DTM+64 = earliest delivery date and DTM+63 = latest delivery date
 BGM+242:::PAG-FAB+231234+9' = Detailed call-off - DTM+2 = Delivery date

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

K-DAPL/KL-GMD - PUBLIC – CSD 2.2 7 Years

Example: `BGM+241:::LAB-ED+1446591+9'`

DTM

No 5
Status M
MaxOcc 1

Document Issue 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/message date/time	+137
2380	R	an..35	Date or time or period text Date on which a document or business signal was issued.	:20140523
2379	O	an..3	Date or time or period format code 102 CCYYMMDD 203 CCYYMMDDHHMM	:102 '

Comment:**Example:** **DTM+137:20140523:102 '**

DTM

No 6
Status R
MaxOcc 1

Type of instruction

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 10 Shipment date/time, requested Code 2 indicates that all dates in this delivery instruction are delivery dates (goods arriving at destination) Code 10 indicates that all dates in this delivery instruction are shipping- (pick-up) dates. The subsequent DTM segments in the delivery schedules (SG 18) must be qualified accordingly.	+2 '

Comment:**Example:** **DTM+2 '**

FTX

No 7
Status O
MaxOcc 5

Information Text

	St	Format	Usage	Example
FTX				FTX
4451	M	an..3	Text subject code qualifier AAI General information	+AAI
4453	N		Not used	+
C107	N			
4441	N		Not used	+
C108	R		Text literal	
4440	M	an..256	Free text A line of plain, non-structured text information.	+Legal Notice
4440	O	an..256	Free text see 4440#1	:
4440	O	an..256	Free text see 4440#1	:
4440	O	an..256	Free text see 4440#1	:
4440	O	an..256	Free text see 4440#1	:
3453	O	an..3	Language name code Code specifying the language name. Use ISO 639-1988.	+ '

Comment: General information text

Example: **FTX+AAI+++Legal Notice'**

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

K-DAPL/KL-GMD - PUBLIC – CSD 2.2 7 Years

SG2	Status R MaxOcc 1	Buyer / Customer
NAD	No 8 Status M MaxOcc 1	Buyer's Name and Address

	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 identification of a party by an ID. Two variants are possible. - The customer reference number assigned by a seller to Volkswagen Group company or location. - A placeholder for the individual branch or location: Example: VW, VWGoA, Audi etc.	+88012
1131	N		Not used	:
3055	R	an..3	Code list responsible agency code Code specifying the agency responsible for a code list. 91 Assigned by seller or seller's agent 92 Assigned by buyer or buyer's agent	: 91
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	+Volkswagen AG
3036	O	an..35	Party name see 3036#1	:
3036	O	an..35	Party name see 3036#1	:
3036	O	an..35	Party name see 3036#1	:X
C059	O		Street	
3042	M	an..35	Street and number or post office box identifier The name that identifies the location of a house or building: usually within a street as part of an address.	+
3042	O	an..35	Street and number or post office box identifier see 3042#1	:
3164	O	an..35	City name The name of the city, town, or village of this address.	+Wolfsburg
C819	O		Country sub-entity details	
3229	R	an..9	Country sub-entity name code State or region within a country. The use of UN LoCodes is recommended.	+
3251	O	an..17	Postal identification code The identifier for one or more properties according to the postal service of that country.	+38444
3207	O	an..3	Country name code Provides the country part of an address using a code. Use ISO3166 two alpha code.	+DE '

Comment: Party to whom merchandise and/or service is sold.

Example: NAD+BY+88012:::91++Volkswagen AG:::X++Wolfsburg++38444+DE '

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

K-DAPL/KL-GMD - PUBLIC – CSD 2.2 7 Years

SG2	Status MaxOcc	R 1	Buyer / Customer
SG3	Status MaxOcc	O 1	Additional Party ID (DUNS)
RFF	No Status MaxOcc	9 M 1	DUNS no.

	St	Format	Usage	Example
RFF				RFF
C506	M		Reference	
1153	M	an..3	Reference code qualifier ANK Reference number assigned by third party	+ANK
1154	R	n9	Reference identifier DUNS number	: 995231145 '

Comment:**Example:** **RFF+ANK: 995231145 '**

SG2	Status MaxOcc	R 1	Seller / Supplier
NAD	No Status MaxOcc	10 M 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	an..10	Party identifier Local supplier number of the supplier assigned by a VW group company.	+0000128317
1131	N		Not used	:
3055	R	an..3	Code list responsible agency code Code specifying the agency responsible for a code list. 92 Assigned by buyer or buyer's agent	: 92
C058	N			
3124	N		Not used	+
C080	O		Party name	
3036	M	an..35	Party name Single text line for specification of a name	+Auto Parts GmbH
3036	O	an..35	Party name see 3036#1	:
3036	O	an..35	Party name see 3036#1	:
3036	O	an..35	Party name see 3036#1	:
C059	O		Street	
3042	M	an..35	Street and number or post office box identifier The name that identifies the location of a house or building: usually within a street as part of an address.	+Vorm Anger 3
3042	O	an..35	Street and number or post office box identifier see 3042#1	:
3164	O	an..35	City name The name of the city, town, or village of this address.	+Augsburg
C819	O		Country sub-entity details	
3229	R	an..9	Country sub-entity name code State or region within a country. The use of UN LoCodes is recommended.	+
3251	O	an..17	Postal identification code The identifier for one or more properties according to the postal service of that country; a group of letters and/or numbers added to the postal address to assist in the sorting of mail.	+86150
3207	O	an..3	Country name code Provides the country part of an address using a code. Use ISO3166 two alpha code.	+DE '

Comment: In the delivery call-off according to VDA 4984 of the Volkswagen Group, the address of the ship from of the goods is sometimes transferred in the NAD+SE segment even if the seller's address is different. The reason for this is that the source system does not hold the seller's address. If the material is sent from an address that differs from the buyer's address, a new supplier index must be requested for this address at procurement in order to switch the call-off process to this address.

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

K-DAPL/KL-GMD - PUBLIC – CSD 2.2 7 Years

For error-free processing of VDA 4987, it is essential to transfer the segments NAD+SE and NAD+SF with the data from the delivery call-off.

Example: NAD+SE+0000128317::92++Auto Parts GmbH+Vorm Anger 3+Augsburg++86150+DE'

SG2	Status MaxOcc	R 1	Seller / Supplier
SG3	Status MaxOcc	O 1	DUNS number
RFF	No Status MaxOcc	11 M 1	DUNS number

	St	Format	Usage	Example
RFF				RFF
C506	M		Reference	
1153	M	an..3	Reference code qualifier ANK Reference number assigned by third party	+ANK
1154	R	n9	Reference identifier DUNS number	: 963852258 '

Comment:**Example:** **RFF+ANK : 963852258 '**

SG2	Status MaxOcc	O 1	Ship from
NAD	No Status MaxOcc	12 M 1	Ship from's Name and Address

St	Format	Usage	Example
NAD			NAD
3035	M an..3	Party function code qualifier SF Ship from	+SF
C082	R	Party identification details	
3039	M an..35	Party identifier Unique identification of a party by an ID.	+0000128317
1131	N	Not used	:
3055	R an..3	Code list responsible agency code Code specifying the agency responsible for a code list. 91 Assigned by seller or seller's agent 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	+Auto Parts GmbH
3036	O an..35	Party name see 3036#1	:X
3036	O an..35	Party name see 3036#1	:
3036	O an..35	Party name see 3036#1	:X
C059	O	Street	
3042	M an..35	Street and number or post office box identifier The name that identifies the location of a house or building: usually within a street as part of an address.	+Am Anger 3
3042	O an..35	Street and number or post office box identifier see 3042#1	:X
3164	O an..35	City name The name of the city, town, or village of this address.	+Augsburg
C819	O	Country sub-entity details	
3229	R an..9	Country sub-entity name code State or region within a country. The use of UN LoCodes is recommended.	+
3251	O an..17	Postal identification code The identifier for one or more properties according to the postal service of that country.	+86150
3207	O an..3	Country name code Provides the country part of an address using a code. Use ISO3166 two alpha code.	+DE '

Comment: The party which consigns or sends goods.

Example: NAD+SF+0000128317::92++Auto Parts GmbH:X::X+Am Anger 3:X+Augsburg
++86150+DE '

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

K-DAPL/KL-GMD - PUBLIC – CSD 2.2 7 Years

VDA 4984 T2 - GLOBAL DELFOR; VDA 2.1; VW 1.9

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SG2	Status MaxOcc	O 1	Ship from
SG3	Status MaxOcc	O 1	Additional Party ID (DUNS)
RFF	No Status MaxOcc	13 M 1	Reference

St	Format	Usage	Example
RFF			RFF
C506	M	Reference	
1153	M an..3	Reference code qualifier ANK Reference number assigned by third party	+ANK
1154	R n9	Reference identifier DUNS number	: 963852258 '

Comment: This segment can be used to transmit the DUNS number in addition to the customer number or the supplier number-

Example: **RFF+ANK : 963852258 '**

SG6	Status MaxOcc	R 9999	Ship to level
GEI	No Status MaxOcc	14 M 1	Processing information

St	Format	Usage	Example
GEI			GEI
9649	M an..3	Processing information code qualifier 3 Scheduling type information	+3
C012	R	Processing indicator	
7365	R an..3	Processing indicator description code For Daily Delivery Call-offs the according period of the Delivery instruction/Call-off is overwritten. Nur für Feinabrufe der Porsche AG! 36=Nur die Daten im Horizont werden überschrieben (nur zulässig für FAB-Verfahren) 37 Complete information The delivery instruction data replace all previously sent information completely (applicable for forecast and delivery instruction process - LAB) Only for daily call-offs of Porsche AG! 36=Only the data within the horizon (effective from - effective to date) are replaced (only applicable for the FAB process) 36 Changed information	+37 '

Comment: This level gives the delivery instruction details (schedule dates, scheduled quantities etc.) for one individual ship-to party e.g. a plant in a delivery instruction or forecast.

The VDA recommendation is based on the following principles:

1. A new delivery instruction (DE 1001 in BGM contains code 236, 240 or 241) replaces all data of the previous delivery instruction.
2. A call-off delivery instruction (DE 1001 in BGM contains code 242) replaces the data for the effective period (effective from .. effective to date), all other data of the delivery instruction remain valid.
3. A separate deliver instruction has to be generated as soon as on of the following parameter changes:
 - a) the ship to party
 - b) the place of discharge
 - c) the order number (frame contract)
 - d) the article/part number

Consequently according to this logic a new SG6 with the trigger segment GEI must be generated as soon as the ship to or place of discharge (always transmitted at ship to level in SG7) changes. If one of the other parameters changes, an new SG12 with the trigger segment LIN is sufficient.

Example: **GEI+3+37 '**

SG6	Status MaxOcc	R 9999	Ship to level
SG7	Status MaxOcc	R 1	Ship to
NAD	No Status MaxOcc	15 M 1	Ship to

	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	+11
1131	N		Not used	:
3055	R	an..3	Code list responsible agency code Code specifying the agency responsible for a code list. 92 Assigned by buyer or buyer's agent	: 92
C058	C		Name and address	
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	+Volkswagen AG Wolfsburg
3036	O	an..35	Party name see 3036#1	:
3036	O	an..35	Party name see 3036#1	:
3036	O	an..35	Party name see 3036#1	:
C059	O		Street	
3042	M	an..35	Street and number or post office box identifier The name that identifies the location of a house or building: usually within a street as part of an address.	+Zufahrt ueber A39
3042	O	an..35	Street and number or post office box identifier see 3042#1	:
3164	O	an..35	City name The name of the city, town, or village of this address.	+Wolfsburg
C819	O		Country sub-entity details	
3229	R	an..9	Country sub-entity name code State or region within a country. The use of UN LoCodes is recommended.	+
3251	O	an..17	Postal identification code The identifier for one or more properties according to the postal service of that country.	+38436
3207	O	an..3	Country name code Provides the country part of an address using a code. Use ISO3166 two alpha code.	+DE '

Comment: Ship to: the business partner to whom the goods are delivered..

Example: NAD+ST+11:::92++Volkswagen AG Wolfsburg+Zufahrt ueber A39+Wolfsburg++38436+DE '

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K-DAPL/KL-GMD - PUBLIC – CSD 2.2 7 Years

SG6	Status MaxOcc	R 9999	Ship to level
SG7	Status MaxOcc	R 1	Ship to
LOC	No Status MaxOcc	16 R 1	Internal Destination (Warehouse)

	St	Format	Usage	Example
LOC				LOC
3227	M	an..3	Location function code qualifier 11 Place/port of discharge	+11
C517	R		Location identification	
3225	O	an..5	Location name code	+1AB07
1131	N		Not used	:
3055	O	an..3	Code list responsible agency code 92 Assigned by buyer or buyer's agent Code specifying the agency responsible for a code list.	: 92
3224	O	an..256	Location name Name of internal destination, other than city name.	: X '

Comment: In the Volkswagen Group (with the exception of the Porsche and MAN brands), the internal destination of the material (e.g. the warehouse) is transferred in segment LOC+11. The physical unloading point of the means of transport is specified in LOC+7. -> Please also refer to our Change Management Supplier document on this topic

Example: LOC+11+1AB07 : : 92 : X '

SG6	Status MaxOcc	R 9999	Ship to level
SG7	Status MaxOcc	R 1	Ship to
LOC	No Status MaxOcc	17 R 1	Place of discharge

	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..3	Location name code Identifier / code specifying the name of a location.	+CKD
1131	N		Not used	:
3055	O	an..3	Code list responsible agency code 92 Assigned by buyer or buyer's agent Code specifying the agency responsible for a code list.	:92
3224	O	an..256	Address Data of the point of discharge Name of place/location, other than city name. In addition to the short description of the point of discharge in DE 3225, the address data of the point of discharge is transmitted here as text. The details are separated with a semicolon according to the following scheme: Name;Street1;Street2;District;Postcode;City;Country. This information may differ from the address data in the NAD+ST if the point of discharge is outside the factory premises.	:Halle 103; Zufahrt ueber A39; 38436 Wolfsburg; Deutschland'

Comment: In the Volkswagen Group (with the exception of the Porsche and MAN brands), the physical place of discharge of the material from the means of transport is transmitted in segment LOC+7. The internal destination (storage location) of the material is transmitted in Segment LOC+11. -> Please also refer to our Change Management Supplier document on this topic!

Example: LOC+7+CKD::92:Halle 103; Zufahrt ueber A39; 38436 Wolfsburg; Deutschland'

SG6	Status MaxOcc	R 9999	Ship to level
SG7	Status MaxOcc	R 1	Ship to
LOC	No Status MaxOcc	18 O 1	Point of transfer between shipment steps

	St	Format	Usage	Example
LOC				LOC
3227	M	an..3	Location function code qualifier 13 Place of transshipment	+13
C517	R		Location identification	
3225	O	an..35	Location name code	+X
1131	N		Not used	:
3055	N		Not used	:
3224	O	an..256	Location name	:X'

Comment: For shipments divided into preliminary and main shipment, this location identifies the point of transfer between these shipment steps. The date/time (requested delivery date) refers however to the final unloading point.

Example: LOC+13+X: :X'

SG6	Status MaxOcc	R 9999	Ship to level
SG7	Status MaxOcc	R 1	Ship to
FTX	No Status MaxOcc	19 O 5	General Information Text

	St	Format	Usage	Example
FTX				FTX
4451	M	an..3	Text subject code qualifier AAI General information	+AAI
4453	N		Not used	+
C107	N			
4441	N		Not used	+
C108	R		Text literal	
4440	M	an..256	Free text A line of plain, non-structured text information.	+Free text
4440	O	an..256	Free text see 4440#1	:
4440	O	an..256	Free text see 4440#1	:
4440	O	an..256	Free text see 4440#1	:
4440	O	an..256	Free text see 4440#1	:
3453	O	an..3	Language name code Code specifying the language name. Use ISO 639-1988.	+DE '

Comment: General information as free text

Example: **FTX+AAI+++Free text+DE '**

SG6	Status MaxOcc	R 9999	Ship to level
SG7	Status MaxOcc	R 1	Ship to
SG8	Status MaxOcc	O 1	DUNS number
RFF	No Status MaxOcc	20 M 1	DUNS number

	St	Format	Usage	Example
RFF				RFF
C506	M		Reference	
1153	M	an..3	Reference code qualifier ANK Reference number assigned by third party	+ANK
1154	R	an..9	Reference identifier DUNS number	: 321549214 '

Comment: This segment can be used to transmit the DUNS number in addition to the customer number or the supplier number-

Example: **RFF+ANK: 321549214 '**

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
LIN	No Status MaxOcc	21 M 1	Article number assigned by the buyer.

	St	Format	Usage	Example
LIN				LIN
1082	O	an..6	Line item identifier	+1
1229	N		Not used	+
C212	R		Item number identification	
7140	R	an..35	Item identifier Part number, assigned by the buyer	+ 123 HGH 1357
7143	R	an..3	Item type identification code IN Buyer's item number	: IN '

Comment: An article required by the buyer, which is scheduled to be delivered. All other segments in the detail section following the LIN segment refer to the line item.

Example: **LIN+1++ 123 HGH 1357:IN '**

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
PIA	No Status MaxOcc	22 O 1	Articel number assigned by the seller

	St	Format	Usage	Example
PIA				PIA
4347	M	an..3	Product identifier code qualifier 1 Additional identification	+1
C212	M		Item number identification	
7140	R	an..35	Item identifier Article number assigned by the seller.	+HZOK3
7143	R	an..3	Item type identification code SA Supplier's article number The listed codes are applicable also to the DE 7143 in the following repetitions of CDE C212.	: SA '

Comment:

Example: **PIA+1+HZOK3 : SA '**

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
IMD	No Status MaxOcc	23 O 10	Item short description

	St	Format	Usage	Example
IMD				IMD
7077	O	an..3	Description format code F Free-form Code specifying the format of a description.	+F
C272	N			
7081	N		Not used	+
C273	R		Item description	
7009	O	an2	Item description code Code indicating the usage (status) of an article using codes from JAI code list JAI004. 11 Production 12 Sparepart 13 Production and sparepart 14 Try-out 15 Pilot 16 Additional requirement 17 Initial sample 18 Sample 19 Other	+11
1131	N		Not used	:
3055	O	an..3	Code list responsible agency code 272 Joint Automotive Industry agency	:272
7008	O	an..256	Item description The short name or description of an article or service in plain text.	:Außenspiegel
7008	O	an..256	Item description The short name or description of an article or service in plain text.	:
3453	O	an..3	Language name code Code specifying the language name. Use ISO 639-1988.	:DE '

Comment:**Example:** **IMD+F++11:::272:Außenspiegel::DE '**

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
LOC	No Status MaxOcc	24 O 1	Consumption point

	St	Format	Usage	Example
LOC				LOC
3227	M	an..3	Location function code qualifier 159 - Consumption point 159 Additional internal destination 7 Place of delivery	+159
C517	R		Location identification	
3225	O	an..35	Location name code Identifier / code specifying the name of a location.	+SDA 1235
1131	N		Not used	:
3055	O	an..3	Code list responsible agency code 92 Assigned by buyer or buyer's agent Code specifying the agency responsible for a code list.	: 92
3224	O	an..256	Location name Name of place/location, other than city name.	: '

Comment: The consumption point marks a specific, a part firmly assigned stock location. It is a completing information to the part number with.

Example: LOC+159+SDA 1235 : : 92 '

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
FTX	No Status MaxOcc	25 O 5	Article text

	St	Format	Usage	Example
FTX				FTX
4451	M	an..3	Text subject code qualifier LIN Line item	+LIN
4453	N		Not used	+
C107	N			
4441	N		Not used	+
C108	R		Text literal	
4440	M	an..256	Free text A line of plain, non-structured text information.	+Sonderlackie rung
4440	O	an..256	Free text see 4440#1	:
4440	O	an..256	Free text see 4440#1	:
4440	O	an..256	Free text see 4440#1	:
4440	O	an..256	Free text see 4440#1	:
3453	O	an..3	Language name code Code specifying the language name. Use ISO 639-1988.	+DE '

Comment:

Example: **FTX+LIN+++Sonderlackierung+DE '**

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
FTX	No Status MaxOcc	26 O 5	General information text

	St	Format	Usage	Example
FTX				FTX
4451	M	an..3	Text subject code qualifier AAI General information	+AAI
4453	N		Not used	+
C107	N			
4441	N		Not used	+
C108	R		Text literal	
4440	M	an..256	Free text A line of plain, non-structured text information.	+Werksurlaub vom 30.06.2013 bis 21.07.2013
4440	O	an..256	Free text see 4440#1	:
4440	O	an..256	Free text see 4440#1	:
4440	O	an..256	Free text see 4440#1	:
4440	O	an..256	Free text see 4440#1	:
3453	O	an..3	Language name code Code specifying the language name. Use ISO 639-1988.	+DE '

Comment: General information text

Example: **FTX+AAI+++Werksurlaub vom 30.06.2013 bis 21.07.2013+DE '**

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
SG13	Status MaxOcc	R 1	Order number
RFF	No Status MaxOcc	27 M 1	Order number

St	Format	Usage	Example
RFF			RFF
C506	M	Reference	
1153	M an..3	Reference code qualifier ON Buyers order number Th order number / frame contract number is normally not the order number of the purchasing department! The order number is a key reference of the call-off. It is assigned by the ERP system.	+ON
1154	R an..17	Reference identifier	:0000006'

Comment:

Example: **RFF+ON:0000006'**

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
SG13	Status MaxOcc	R 1	Delivery instruction number new
RFF	No Status MaxOcc	28 M 1	Delivery instruction number new

	St	Format	Usage	Example
RFF				RFF
C506	M		Reference	
1153	M	an..3	Reference code qualifier AAN Delivery schedule number	+AAN
1154	R	an..17	Reference identifier Unique identifier of a document. Synonym: document number	: 000000002 '

Comment:

Example: **RFF+AAN: 000000002 '**

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
SG13	Status MaxOcc	R 1	Delivery instruction number new
DTM	No Status MaxOcc	29 O 1	Delivery instruction 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	an..35	Date or time or period text Date on which a document or business signal was issued.	:20040528
2379	O	an..3	Date or time or period format code 102 CCYYMMDD	:102 '

Comment:

Example: DTM+171:20040528:102 '

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
SG13	Status MaxOcc	R 1	Delivery instruction number old
RFF	No Status MaxOcc	30 M 1	Delivery instruction number old

	St	Format	Usage	Example
RFF				RFF
C506	M		Reference	
1153	M	an..3	Reference code qualifier AIF Previous delivery instruction number	+AIF
1154	R	an..17	Reference identifier For call-offs without a previous call-off number "000000000" is always transmitted.	: 000000001 '

Comment:

Example: **RFF+AIF:000000001 '**

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
SG13	Status MaxOcc	R 1	Delivery instruction number old
DTM	No Status MaxOcc	31 O 1	Delivery instruction 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	an..35	Date or time or period text Date on which a document or business signal was issued.	:20040528
2379	O	an..3	Date or time or period format code 102 CCYYMMDD	:102 '

Comment:

Example: DTM+171:20040528:102 '

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
SG14	Status MaxOcc	O 1	Article related contact information
CTA	No Status MaxOcc	32 M 1	Contact information

	St	Format	Usage	Example
CTA				CTA
3139	R	an..3	Contact function code SC Disponent / Scheduling contact	+SC
C056	R		Department or employee details	
3413	O	an..17	ID of the Material planner ID of the Material planner	+NA4FA
3412	O	an..35	Name of material planner. Name des Disponenten.	:Franz Meier '

Comment: Article related information that identifies the contact person or department responsible for the scheduling of deliveries. This contact may change from item to item and is therefore related to the scheduled article level rather than to the ship-to level.

Example: **CTA+SC+NA4FA:Franz Meier '**

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
SG14	Status MaxOcc	O 1	Article related contact information
COM	No Status MaxOcc	33 O 5	Communication contact

	St	Format	Usage	Example
COM				COM
C076	M		Communication contact	
3148	M	an..100	Communication address identifier Telephone number, fax number or email address	+?+49-5361-933000
3155	M	an..3	Communication address code qualifier EM Electronic mail FX Telefax TE Telephone	:TE'

Comment:

Example: COM+?+49-5361-933000:TE'

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
SG16	Status MaxOcc	O 1	Delivery balance
QTY	No Status MaxOcc	34 M 1	Delivery balance quantity

St	Format	Usage	Example
QTY			QTY
C186	M	Quantity details	
6063	M an..3	Quantity type code qualifier 83 Rückstand / Backorder	+83
6060	M n..15	Quantity Difference between quantity scheduled and quantity received. For positive values, the quantity scheduled is greater than the quantity received i.e. there is a backorder quantity. Example: ordered quantity 5000 pieces, delivered 4500 pieces => 500 pieces backorder quantity QTY+83:500: PCE'	: 5000
6411	O an..8	Measurement unit code Code specifying the unit of measurement, use UN/ECE Recommendation 20, Common code. C62 one KGM kilogram KMT LTR litre MTK square metre MTQ cubic metre MTR metre PCE SET set TNE tonne (metric ton) PCE and C62 are synonymous for piece	: PCE '

Comment:

Example: QTY+83:5000:PCE'

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
SG16	Status MaxOcc	O 1	Cumulative quantity received
QTY	No Status MaxOcc	35 M 1	Cumulative quantity received

St	Format	Usage	Example
QTY			QTY
C186	M	Quantity details	
6063	M an..3	Quantity type code qualifier Code 70 - cumulative quantity received (taking into account the last received shipments) = German abbreviation EFZ 70 Cumulative quantity received	+70
6060	R n..15	Quantity Cumulative quantity	:100000
6411	O an..8	Measurement unit code Code specifying the unit of measurement, use UN/ECE Recommendation 20, Common code. C62 one PCE SET set MTR metre MTK square metre MTQ cubic metre LTR litre TNE tonne (metric ton) KGM kilogram KMT PCE and C62 are ynonymous for piece	: PCE '

Comment: QTY+70 is transmitted only with BGM+241:::LAB-ED+231234+9', BGM+242:::FAB-ED+231234+9' and BGM+236:::AV+231234+9'.

Example: **QTY+70:100000:PCE'**

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
SG16	Status MaxOcc	O 1	Cumulative quantity received
DTM	No Status MaxOcc	36 O 2	Cumulative quantity date(s)

	St	Format	Usage	Example
DTM				DTM
C507	M		Date/time/period	
2005	M	an..3	Date or time or period function code qualifier 51 Cumulative quantity start date	+51
2380	R	an..35	Date or time or period text Start date of a given period	:20050101
2379	O	an..3	Date or time or period format code 102 CCYYMMDD	:102 '

Comment: The date is only sent if there have already been delivery call-offs for the part number before the last annual inventory. For most group plants, the inventory takes place at the end of October of each year. If a part number is sent for the first time afterwards, no date is transmitted here.

Example: **DTM+51 : 20050101 : 102 '**

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
SG16	Status MaxOcc	O 1	Cumulative quantity ordered JIS
QTY	No Status MaxOcc	37 M 1	Cumulative quantity ordered JIS

St	Format	Usage	Example
QTY			QTY
C186	M	Quantity details	
6063	M an..3	Quantity type code qualifier Code 71 - information is forecast related and not based on shipments / receipts 71 Cumulative quantity ordered Code 71 - cumulative quantity ordered is transmitted for Gross demands JIS	+71
6060	R n..15	Quantity Cumulative quantity	:100000
6411	O an..8	Measurement unit code Code specifying the unit of measurement, use UN/ECE Recommendation 20, Common code. C62 one PCE SET set MTR metre MTK square metre MTQ cubic metre LTR litre TNE tonne (metric ton) KGM kilogram KMT PCE and C62 are ynonymous for piece	: PCE '

Comment: QTY+71 is transmitted only with BGM+236:::LAB-ML/FAB-ML+231234+9' = Gross demands JIS.

Example: **QTY+71:100000:PCE '**

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
SG16	Status MaxOcc	O 1	Cumulative quantity ordered JIS
DTM	No Status MaxOcc	38 O 2	Cumulative quantity date for Gross demand

	St	Format	Usage	Example
DTM				DTM
C507	M		Date/time/period	
2005	M	an..3	Date or time or period function code qualifier 51 Cumulative quantity start date	+51
2380	R	an..35	Date or time or period text Start date of a given period	:20050101
2379	O	an..3	Date or time or period format code 102 CCYYMMDD	:102 '

Comment:

Example: DTM+51:20050101:102 '

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
SG16	Status MaxOcc	O 1	Cumulative quantity received at the end of the previous period (set back to zero)
QTY	No Status MaxOcc	39 M 1	Cumulative quantity received at the end of the previous period (set back to zero)

St	Format	Usage	Example
QTY			QTY
C186	M	Quantity details	
6063	M an..3	Quantity type code qualifier 72 Cumulative quantity received end of prior year	+72
6060	R n..15	Quantity Cumulative quantity	: 50000
6411	O an..8	Measurement unit code Code specifying the unit of measurement, use UN/ECE Recommendation 20, Common code. C62 one PCE SET set MTR metre MTK square metre MTQ cubic metre LTR litre TNE tonne (metric ton) KGM kilogram KMT PCE and C62 are ynonymous for piece	: PCE '

Comment: The transmission of the Cumulative quantity received at the end of the previous period (set back to zero) is optional.
QTY+72 is transmitted only with BGM+241:::LAB-ED+231234+9', BGM+242:::FAB-ED+231234+9' and BGM+236:::AV+231234+9'.

Example: QTY+72 : 50000 : PCE '

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
SG16	Status MaxOcc	O 1	Cumulative quantity received at the end of the previous period (set back to zero)
DTM	No Status MaxOcc	40 O 2	Cumulative quantity date until set back to zero

	St	Format	Usage	Example
DTM				DTM
C507	M		Date/time/period	
2005	M	an..3	Date or time or period function code qualifier 52 Cumulative quantity end date	+52
2380	R	an..35	Date or time or period text End date of a given period	: 20050101
2379	O	an..3	Date or time or period format code 102 CCYYMMDD	:102 '

Comment:

Example: **DTM+52 : 20050101 : 102 '**

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
SG16	Status MaxOcc	O 3	Most recent arrival(s) of goods

Depending of the call-off process the following information should be noticed.

JIS Gross demands (LAB-ML and FAB-ML): the most recent arrivals of good are NOT transmitted

NLK Delivery pre-advice:

Since a pick-up date is transmitted the following effect may occur. At a transport time of more than one day a difference in the supplier's ERP system may occur between the most recent goods receipt and the first pick-up date if only the last Delivery pre-advice is considered. It might be necessary to set up cumulative consignment number by the supplier.

QTY	No Status MaxOcc	41 M 1	The most recent arrival(s) of goods
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St	Format	Usage	Example
QTY			QTY
C186	M	Quantity details	
6063	M an..3	Quantity type code qualifier 194 Received and accepted	+194
6060	M n..15	Quantity The quantity received and booked by the ship-to party.	:10000
6411	O an..8	Measurement unit code Code specifying the unit of measurement, use UN/ECE Recommendation 20, Common code. C62 one PCE SET set MTR metre MTK square metre MTQ cubic metre LTR litre TNE tonne (metric ton) KGM kilogram KMT PCE and C62 are ynonymous for piece	: PCE '

Comment:

Example: **QTY+194:10000:PCE'**

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
SG16	Status MaxOcc	O 3	Most recent arrival(s) of goods

Depending of the call-off process the following information should be noticed.

JIS Gross demands (LAB-ML and FAB-ML): the most recent arrivals of good are NOT transmitted

NLK Delivery pre-advice:

Since a pick-up date is transmitted the following effect may occur. At a transport time of more than one day a difference in the supplier's ERP system may occur between the most recent goods receipt and the first pick-up date if only the last Delivery pre-advice is considered. It might be necessary to set up cumulative consignment number by the supplier.

DTM	No Status MaxOcc	42 C 2	Date/time/period
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	St	Format	Usage	Example
DTM				DTM
C507	M		Date/time/period	
2005	M	an..3	Date or time or period function code qualifier 50 Goods receipt date/time	+50
2380	C	n8	Date or time or period text	: 20130701
2379	C	an..3	Date or time or period format code 102 CCYYMMDD	: 102 '

Comment:

Example: **DTM+50 : 20130701 : 102 '**

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
SG16	Status MaxOcc	O 3	Most recent arrival(s) of goods

Depending of the call-off process the following information should be noticed.

JIS Gross demands (LAB-ML and FAB-ML): the most recent arrivals of good are NOT transmitted

NLK Delivery pre-advice:

Since a pick-up date is transmitted the following effect may occur. At a transport time of more than one day a difference in the supplier's ERP system may occur between the most recent goods receipt and the first pick-up date if only the last Delivery pre-advice is considered. It might be necessary to set up cumulative consignment number by the supplier.

SG17	Status MaxOcc	O 1	Last received delivery note number
RFF	No Status MaxOcc	43 M 1	Last received delivery note number

	St	Format	Usage	Example
RFF				RFF
C506	M		Reference	
1153	M	an..3	Reference code qualifier AAU Despatch note number	+AAU
1154	R	n..8	Reference identifier Unique identifier of the despatch advice	:12345 '

Comment: For Gross demands JIS (BGM+236:::LAB-ML+231234+9' und BGM+236:::FAB-ML+231234+9') received Delivery notes or quantities are not transmitted.

Example: **RFF+AAU:12345 '**

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
SG16	Status MaxOcc	O 3	Most recent arrival(s) of goods

Depending of the call-off process the following information should be noticed.

JIS Gross demands (LAB-ML and FAB-ML): the most recent arrivals of good are NOT transmitted

NLK Delivery pre-advice:

Since a pick-up date is transmitted the following effect may occur. At a transport time of more than one day a difference in the supplier's ERP system may occur between the most recent goods receipt and the first pick-up date if only the last Delivery pre-advice is considered. It might be necessary to set up cumulative consignment number by the supplier.

SG17	Status MaxOcc	O 1	Last received delivery note number
DTM	No Status MaxOcc	44 O 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	an..35	Date or time or period text Date, on which a document or business signal was issued.	:20120831
2379	O	an..3	Date or time or period format code 102 CCYYMMDD	:102 '

Comment:

Example: DTM+171:20120831:102 '

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
SG18	Status MaxOcc	D 999	Scheduling data
SCC	No Status MaxOcc	45 M 1	Scheduling data

St	Format	Usage	Example
SCC			SCC
4017	M an..3	Delivery plan commitment level code 4 Planning/forecast 10 Immediate 24 Reference to commercial agreement between partners Code indicating the level of commitment of a delivery instruction. Code 10 - immediate requirements - to be used with SG19.QTY+84. Immediate requirements are additional, they have not been transmitted as demand in any previous delivery instruction. Code 24 does not transmit any distinction related to the status of an order as binding or non-binding. The contract between the supplier and VOLKSWAGEN procurement makes that determination. For the purposes of mapping the raw data in cases where an ERP system necessitates a binding/non-binding decision, the supplier's ERP system should interpret daily quantities as firm orders and periodic quantities as forecasts. In the end, the supplier is responsible for maintaining an understanding of the actual "legal" contracts and how those are represented by the data received in their ERP system.	+24 '

Comment: The following combinations are possible.

BGM+241::LAB-ED+231234+9' = Delivery instruction DTM+2 = Delivery date SCC+24 and SCC+10 if applicable
BGM+242::FAB-ED+231234+9' = Daily call-off DTM+2 = Delivery date SCC+24
BGM+236::LAB-ML+231234+9' = Gross demand for JIS DTM+2 = Delivery date SCC+4
BGM+236::FAB-ML+231234+9' = Gross demand for JIS as Daily call-off DTM+2 = Delivery date SCC+4

BGM+236::AV+231234+9' = NLK Delivery pre-advice DTM+4 = Pick-up date SCC+4

BGM+241::LAB-ED+231234+9' = Delivery instruction DTM+64 = earliest delivery date and DTM+63 = latest delivery date SCC+24 and SCC +10 if applicable
BGM+236::LAB-ML+231234+9' = Gross demand for JIS DTM+64 = earliest delivery date and DTM+63 = latest delivery date SCC+4

BGM+236::AV+231234+9' = NLK Delivery pre-advice DTM+64 = earliest pick-up date and DTM+63 latest pick-up date SCC+4
Information providing dates/times/periods of deliveries, quantities, and additional references valid for the item.
Delivery Date and Delivery Period shall be used mutually exclusive.

Porsche AG

Spare parts and few series parts
BGM+241::PAG-LAB+231234+9' = Delivery call-off

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

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DTM+2 = Date of arrival
SCC+24 or SCC+10

Preview data series

BGM+236:::PAG-LAB+231234+9' = delivery schedule

DTM+2 = Date of arrival as well as DTM+64= earliest date of arrival and DTM+63 = latest date of arrival

SCC+4

Series, usually with preceding delivery preview BGM+236

BGM+242:::PAG-FAB+231234+9' = Detailed call-off

DTM+2 = Date of arrival

SCC+24 or SCC+10

Example: SCC+24 '

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
SG18	Status MaxOcc	D 999	Scheduling data
SG19	Status MaxOcc	R 999	Scheduled quantity
QTY	No Status MaxOcc	46 M 1	Quantity

St	Format	Usage	Example
QTY			QTY
C186	M	Quantity details	
6063	M an..3	Quantity type code qualifier 113 Quantity to be delivered 84 Urgent delivery quantity 73 Outstanding quantity 84 - immediate requirement; the DTM segment should contain the date of the delivery instruction. 73 - Outstanding quantity, in combination with DTM+2. Is currently used for processes with Porsche AG only.	+113
6060	M n..15	Quantity Quantity scheduled by the buyer (material release issuer) to be delivered at a specified point in time or within a period.	: 4500
6411	O an..8	Measurement unit code Code specifying the unit of measurement, use UN/ECE Recommendation 20, Common code. C62 one PCE SET set MTR metre MTK square metre MTQ cubic metre LTR litre TNE tonne (metric ton) KGM kilogram KMT PCE und C62 sind Synonym für Stück. PCE and C62 are ynonymous for piece	: PCE '

Comment: If no demands within the planning horizon are available in the pre-system QTY+113 is sent with quantity 0 (zero).

Example: QTY+113 : 4500 : PCE '

SG6	Status MaxOcc	R 9999	Ship to level
SG12	Status MaxOcc	R 9999	Scheduled Article Details
SG18	Status MaxOcc	D 999	Scheduling data
SG19	Status MaxOcc	R 999	Scheduled quantity
DTM	No Status MaxOcc	47 R 2	Scheduled date(s)

	St	Format	Usage	Example
DTM				DTM
C507	M		Date/time/period	
2005	R	an..3	Date or time or period function code qualifier 2 Delivery date/time, requested 10 Shipment date/time, requested 63 Delivery date/time, latest 64 Delivery date/time, earliest	+2
2380	R	an..35	Date or time or period text Date / period	:20120906
2379	O	an..3	Date or time or period format code 102 CCYYMMDD 203 CCYYMMDDHHMM	:102 '

Comment: For fixed dates/times the qualifiers 2 and 10 are used (and must comply with the qualifier of the DTM segment named "Type of instruction" in the header of this message guideline). For periods (e.g. for forecast data related to a week or month) the qualifiers 63 and 64 are used, no matter whether they relate to pick-up process or to delivery at destination.

Example: **DTM+2:20120906:102'**

UNTNo 48
Status M
MaxOcc 1**Message trailer**

St	Format	Usage	Example
UNT			UNT
0074	M n..6	Number of segments in the message	+49
0062	M an..14	Message reference number Repetition of the value in UNH, DE 0062	+123456 '

Comment:**Example:** **UNT+49+123456 '**

UNZNo 49
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 Repetition of the value transmitted in UNB data element 0020.	+144659 '

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