EDIFACT DELJIT-<u>KANBAN</u> Message

Volkswagen and Audi send the EDIFACT message DELJIT (KANBAN) as an container controlled call-off to suppliers and logistic providers

<u>Rules and regulations</u>

The DELJIT-KANBAN message is used for short term call-offs for plants of Volkswagen marques in the VW Group by the material control system in the involved factory (Station-ID = R??)
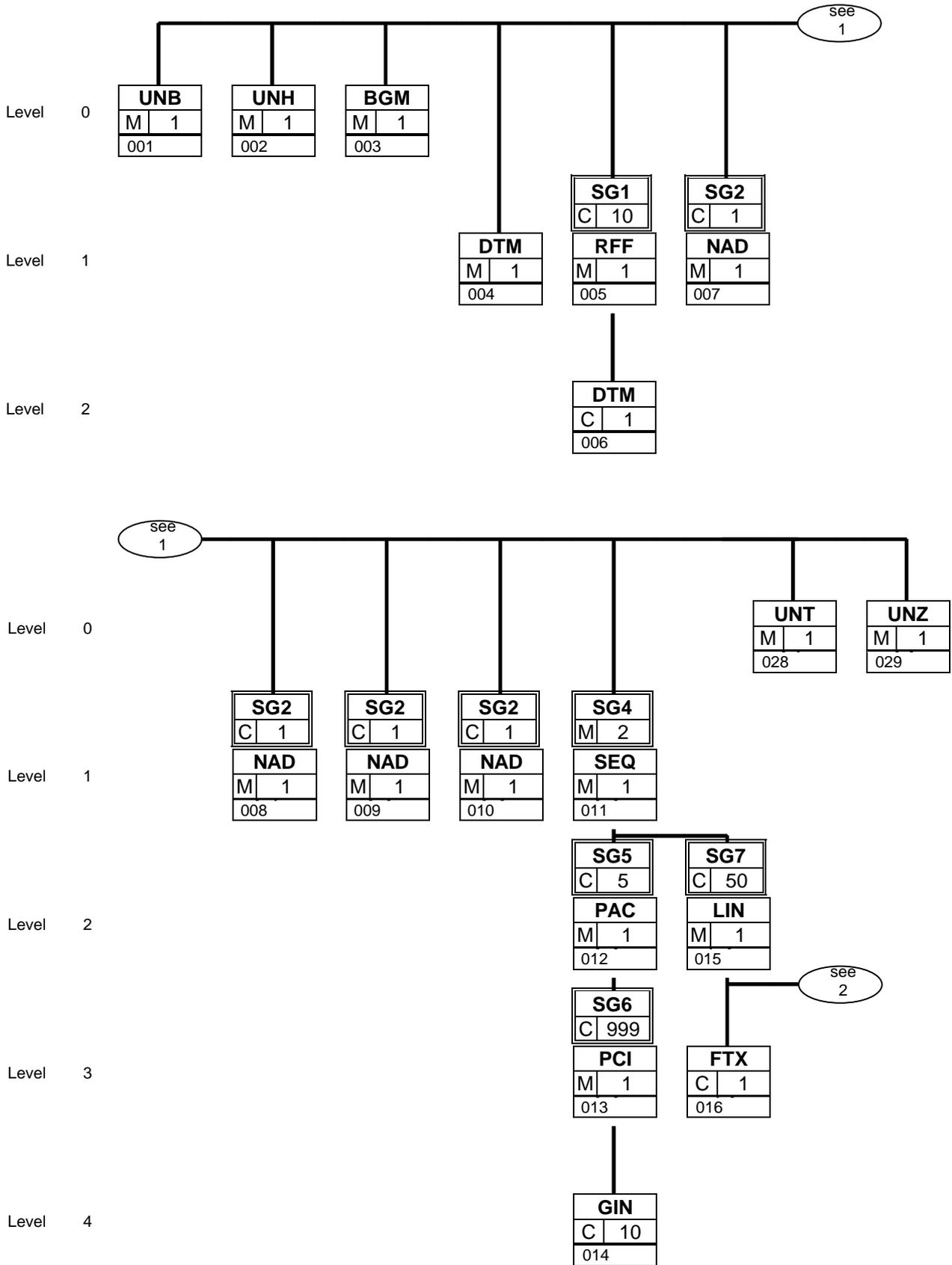The installation and the use of the Kanban process follows the requirements of the factory.

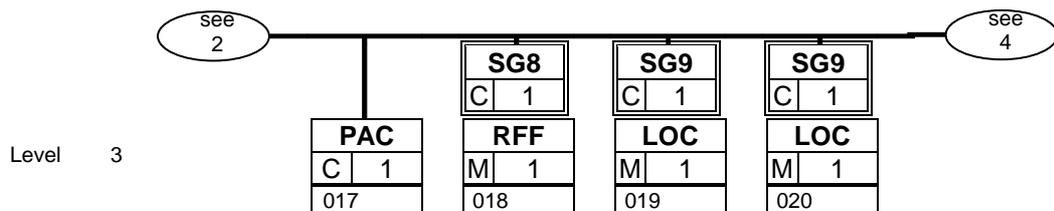The <u>DELJIT-KANBAN virtual file names</u> are:

The definition from Volkswagen /Audi /Skoda /Seat for the VW call-off EDIFACT DELJIT (KANBAN) D97A is based on the EDIFACT Odette subset KANBAN V3 R1.
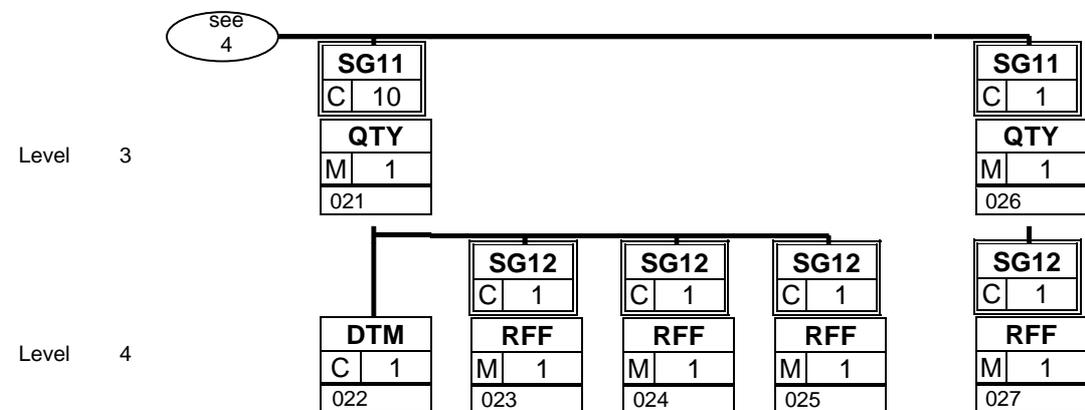
(see 1)

Level   0

UNB	UNH	BGM
M | 1	M | 1	M | 1
001	002	003

SG1	SG2
C | 10	C | 1

Level   1

DTM	RFF	NAD
M | 1	M | 1	M | 1
004	005	007

Level   2

DTM
C | 1
006

(see 1)

Level   0

UNT	UNZ
M | 1	M | 1
028	029

SG2	SG2	SG2	SG4
C | 1	C | 1	C | 1	M | 2

Level   1

NAD	NAD	NAD	SEQ
M | 1	M | 1	M | 1	M | 1
008	009	010	011

SG5	SG7
C | 5	C | 50

Level   2

PAC	LIN
M | 1	M | 1
012	015

(see 2)

SG6
C | 999

Level   3

PCI	FTX
M | 1	C | 1
013	016

Level   4

GIN
C | 10
014

Jedes dokumentierte Segment / SegmentGroup ist in dieser Nachrichtenstruktur abgebildet,
 ein dokumentiertes Segment / SegmentGroup muß nicht immer übertragen werden.
 Im Gegensatz zum EDIFACT-Nachrichtenaufbaudiagramm werden
die verschiedenen Segment-Versionen (Varianten) explizit dargestellt.

```
                    ( see )                                              ( see )
                    (  2  )————————┬—————————————————————————————————   (  4  )
                                   |        ┌──────┐   ┌──────┐   ┌──────┐
                                   |        │ SG8  │   │ SG9  │   │ SG9  │
                                   |        │C │ 1 │   │C │ 1 │   │C │ 1 │
                                   |        └──────┘   └──────┘   └──────┘
                              ┌──────┐   ┌──────┐   ┌──────┐   ┌──────┐
Level    3                    │ PAC  │   │ RFF  │   │ LOC  │   │ LOC  │
                              │C │ 1 │   │M │ 1 │   │M │ 1 │   │M │ 1 │
                              │ 017  │   │ 018  │   │ 019  │   │ 020  │
                              └──────┘   └──────┘   └──────┘   └──────┘


Level    4



                    ( see )
                    (  4  )————————┬—————————————————————————————————
                                   |                                 |
                              ┌──────┐                          ┌──────┐
                              │ SG11 │                          │ SG11 │
                              │C │10 │                          │C │ 1 │
                              └──────┘                          └──────┘
Level    3                    │ QTY  │                          │ QTY  │
                              │M │ 1 │                          │M │ 1 │
                              │ 021  │                          │ 026  │
                              └──────┘                          └──────┘
                                   |                                 |
                                   |        ┌──────┐ ┌──────┐ ┌──────┐   ┌──────┐
                                   |        │ SG12 │ │ SG12 │ │ SG12 │   │ SG12 │
                                   |        │C │ 1 │ │C │ 1 │ │C │ 1 │   │C │ 1 │
                                   |        └──────┘ └──────┘ └──────┘   └──────┘
                              ┌──────┐   ┌──────┐ ┌──────┐ ┌──────┐   ┌──────┐
Level    4                    │ DTM  │   │ RFF  │ │ RFF  │ │ RFF  │   │ RFF  │
                              │C │ 1 │   │M │ 1 │ │M │ 1 │ │M │ 1 │   │M │ 1 │
                              │ 022  │   │ 023  │ │ 024  │ │ 025  │   │ 027  │
                              └──────┘   └──────┘ └──────┘ └──────┘   └──────┘
```

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 ein dokumentiertes Segment / SegmentGroup muß nicht immer übertragen werden.
 Im Gegensatz zum EDIFACT-Nachrichtenaufbaudiagramm werden
die verschiedenen Segment-Versionen (Varianten) explizit dargestellt.

Delivery Kanban message

	Segment	No	M/C	Max	Description
	UNB	1	M	1	INTERCHANGE HEADER
					Identification of transmission (header segment) once per
	UNH	2	M	1	MESSAGE HEADER
					Message Identification
	BGM	3	M	1	BEGINNING OF MESSAGE
					Message Header, Identification, Number r
	DTM	4	M	1	DATE/TIME/PERIOD
					Date / Time of message creation
	SG2		C	1	NAD-LOC-FTX-SG3
	NAD	7	M	1	NAME AND ADDRESS
					Customer data
	SG2		C	1	NAD-LOC-FTX-SG3
	NAD	8	M	1	NAME AND ADDRESS
					Data of goods recipient (destination factory)*)*
	SG2		C	1	NAD-LOC-FTX-SG3
	NAD	9	M	1	NAME AND ADDRESS
					Supplier data
	SG2		C	1	NAD-LOC-FTX-SG3
	NAD	10	M	1	NAME AND ADDRESS
					Identification of service provider, if involved
	SG4		M	2	SEQ-DTM-GIR-LOC-SG5-SG7
	SEQ	11	M	1	SEQUENCE DETAILS
	SG7		C	50	LIN-PIA-IMD-ALI-GIR-TDT-FTX-PAC-DTM-SG8-SG9-SG11
	LIN	15	M	1	LINE ITEM
					Article data / part number
	FTX	16	C	1	FREE TEXT
					Free text about article
	PAC	17	C	1	PACKAGE
					Specified packaging data
	SG8		C	1	RFF-DTM
	RFF	18	M	1	REFERENCE
					Purchase order number
	SG9		C	1	LOC-SG10
	LOC	19	M	1	PLACE/LOCATION IDENTIFICATION
					Unloading location at goods recipient
	SG9		C	1	LOC-SG10
	LOC	20	M	1	PLACE/LOCATION IDENTIFICATION
					Requirement location
	SG11		C	10	QTY-SCC-DTM-SG12
	QTY	21	M	1	QUANTITY
					Specified delivery quantity
	DTM	22	C	1	DATE/TIME/PERIOD
					Desired delivery time (date/ time)
	SG12		C	1	RFF-DTM
	RFF	23	M	1	REFERENCE
					Kanban-Nr (VW-Sequence)
	SG12		C	1	RFF-DTM
	RFF	24	M	1	REFERENCE
					Supplier related Sequence Nr.
	SG12		C	1	RFF-DTM
	RFF	25	M	1	REFERENCE
					Article / part number related Sequence Nr.

SG11		C	1	QTY-SCC-DTM-SG12	
QTY	26	M	1	QUANTITY	
				Target quantity per package	
UNT	28	M	1	MESSAGE TRAILER	
				Final segment of message	
UNZ	29	M	1	INTERCHANGE TRAILER	
				Final segment of transmission file	

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 Im Gegensatz zum EDIFACT-Nachrichtenaufbaudiagramm werden
 die verschiedenen Segment-Versionen (Varianten) explizit dargestellt.

Segment:	**UNB**	Serial No. 1	Level	0	INTERCHANGE HEADER
		Status: M	Max. rep.:	1	Header segment data

Description   **Identification of transmission (header segment) once per transmission**

Formal description of segment:

		S, Format	Example:	Instructions for use
UNB			UNB	
S001	SYNTAX IDENTIFIER	M		
0001	Syntax identifier	M a4	+UNOA	*UNOA = UN/ECE character set A*
0002	Syntax version number	M n1	:2	*2 = Version 2*
S002	INTERCHANGE SENDER	M		
0004	Sender identification	M an..35	+O0013000 001VW R11	Odette-ID of sending IVZ of VW / Audi to be entered here Station R11 (ID contains 6 blanks!)
S003	INTERCHANGE RECIPIENT	M		
0010	Recipient identification	M an..35	+O0999900 000000002 9R88-ID	Odette ID of data recipient is entered in standard cases. If the Odette ID has not been agreed as the recipient name, this is indicated in the following qualifier (0007).
0007	Partner identification code qualifier	C an..4	:	A qualifier for the recipient name can be agreed for this item if the Odette ID is not used as the data recipient.
S004	DATE/TIME OF PREPARATION	M		
0017	Date of preparation	M n6	+981106	Creation date (conversion) of transmission file YYMMDD
0019	Time of preparation	M n4	:1000	Creation time (conversion) of transmission file HHMM
0020	Interchange control reference	M an..14	+12345'	(n.5) Transmission reference number is allocated by sender (usually converter)

Note:
Volkswagen /Audi use the standard separator characters. The UNA segment is not sent.

Reference to VDA Recommendations:

Coding Example:

```
UNB+UNOA:2+O0013000001VW      R11+O09999000000000029R88-ID:
+981106:1000+12345'
```

Segment:	**UNH**	Serial No. 2	Level	0	MESSAGE HEADER
		Status: M	Max. rep.:	1	Message Header Segment

Description   **Message Identification**

Formal description of segment:

		S, Format	Example:	Instructions for use
UNH			UNH	
0062	Message reference number	M an..14	+12345	Message reference number in the transmission file, starting with 1; with this message type it is identical to transmission reference number in UNB.
S009	MESSAGE IDENTIFIER	M		
0065	Message type identifier	M an..6	+DELJIT	Message type identifier for 'DELJIT'
0052	Message type version number	M an..3	:D	Version number of message type 'D'
0054	Message type release number	M an..3	:97A	Directory '1997A'
0051	Controlling agency	M an..2	:UN'	Controlling Agency UN/ECETRADE/WP.4

Note:

Reference to VDA Recommendations:

Coding Example:

```
UNH+12345+DELJIT:D:97A:UN'
```

Segment:	**BGM**	Serial No. 3	Level	0	BEGINNING OF MESSAGE
		Status: M	Max. rep.:	1	Beginn der Nachricht

Description   **Message Header, Identification, Number**

Formal description of segment:

		S, Format	Example:	Instructions for use
BGM			BGM	
C002	DOCUMENT/MESSAGE NAME	C		
1001	Document/message name, coded	C an..3	+32	*32 = Kanban Signal*
1131	Code list qualifier	C an..3	:	--
3055	Code list responsible agency, coded	C an..3	:10	*10 = ODETTE*
1000	Document/message name	C an..35	:KANBAN	Message identifier 'KANBAN'
C106	DOCUMENT/MESSAGE IDENTIFICAT	C		
1004	Document/message number	C an..35	+12345'	Message number, each BGM segment in the message is counted.

Note:
The message Kanban is sent at VW as a short-cycle package-linked message.

Reference to VDA Recommendations:

Coding Example:

```
BGM+32::10:KANBAN+12345'
```

Segment:	**DTM**	Serial No. 4	Level	1	DATE/TIME/PERIOD
		Status: M	Max. rep.:	1	Date/Time/Period

Description   **Date / Time of message creation**

Formal description of segment:

		S, Format	Example:	Instructions for use
DTM			DTM	
C507	DATE/TIME/PERIOD	M		
2005	Date/time/period qualifier	M an..3	+137	*137 = Dokumenten-/Nachrichtendatum/-zeit*
				137 = Document / message date / time
2380	Date/time/period	C an..35	:19991008	Date / Time of message creation
2379	Date/time/period format qualifier	C an..3	:203'	*203 = YYYYMMDDHHMM*

Note:

Reference to VDA Recommendations:

Coding Example:

DTM+137:19991008:203'

Group:	SG2	Max. rep.: 1			SG2	NAD-LOC-FTX-SG3

Segment:	**NAD**	Serial No. 7	Level	1	NAME AND ADDRESS
		Status: M	Max. rep.:	1	Name and address

Description   **Customer data**

Formal description of segment:

		S, Format	Example:	Instructions for use
NAD			NAD	
3035	Party qualifier	M an..3	+BY	*BY = Kunde / Buyer*
C082	PARTY IDENTIFICATION DETAILS	C		
3039	Party id. identification	M an..35	+123456789	(a...9 at VW/Audi/Skoda) Customer identifier of supplier; is only transmitted if it has been agreed accordingly (Code 91). If no customer identifier has been agreed, an abbreviation for the customer is entered here (code 92): VW AUDI SKODA SEAT VWAE (=Autoeuropa)
1131	Code list qualifier	C an..3	:	--
3055	Code list responsible agency, coded	C an..3	:91	*91 = Assigned by vendor or his agents, if agreed accordingly* *92 = Assigned by vendor or his agents, if no customer number is agreed*
C058	NAME AND ADDRESS	C		
3124	Name and address line	M an..35	+	--
C080	PARTY NAME	C		
3036	Party name	M an..35	+VW'	If a customer identifier is transmitted in DE-group C082, an abbreviation for the customer is entered here, e.g.: VW AUDI SKODA SEAT

Note:
This segment is always sent. The recipient factory is sent in a separate NAD segment .

Reference to VDA Recommendations:

Coding Example:

```
NAD+BY+123456789::91++VW'
```

Group:	SG2	Max. rep.:	1		SG2	NAD-LOC-FTX-SG3

Segment:	**NAD**	Serial No. 8 Status: M	Level Max. rep.:	1 1	NAME AND ADDRESS Name and address

Description   **Data of goods recipient (destination factory)**

Formal description of segment:

		S, Format	Example:	Instructions for use
NAD			NAD	
3035	Party qualifier	M an..3	+CN	*CN = Warenempfänger / Goods recipient*
C082	PARTY IDENTIFICATION DETAILS	C		
3039	Party id. identification	M an..35	+43	(a.2 at VW/Audi/Skoda) Customer factory (destination factory for delivery), here 43 = Palmela plant
1131	Code list qualifier	C an..3	:	--
3055	Code list responsible agency, coded	C an..3	:92'	*92 = Zugewiesen vom Käufer oder dessen Agenten = Assigned by buyer or his agents*

Note:
A full listing of recipient factories is recorded in the EDI Implementation Guidelines.

Reference to VDA Recommendations:

Coding Example:

NAD+CN+43::92'

Group:	SG2	Max. rep.: 1			SG2	NAD-LOC-FTX-SG3

Segment:	NAD	Serial No. 9 Status: M	Level Max. rep.:	1 1	NAME AND ADDRESS Name and address

Description   **Supplier data**

Formal description of segment:

		S, Format	Example:	Instructions for use
NAD			NAD	
3035	Party qualifier	M an..3	+SU	*SU = Lieferant / Supplier*
C082	PARTY IDENTIFICATION DETAILS	C		
3039	Party id. identification	M an..35	+123456	(a.6 at VW/Audi/Skoda) Supplier number with index
1131	Code list qualifier	C an..3	:	--
3055	Code list responsible agency, coded	C an..3	:92'	*92 = Assigned by buyer or his agents = Zugewiesen vom Käufer oder dessen Agenten*

Note:
This segment is always sent.

Reference to VDA Recommendations:

Coding Example:

```
NAD+SU+123456::92'
```

Group:	SG2	Max. rep.:	1		SG2	NAD-LOC-FTX-SG3

Segment:	**NAD**	Serial No. 10	Level	1	NAME AND ADDRESS
		Status: M	Max. rep.:	1	Name and address

Description   **Identification of service provider, if involved**

Formal description of segment:

		S, Format	Example:	Instructions for use
NAD			NAD	
3035	Party qualifier	M an..3	+DC	*FZ Grouping centre*
C082	PARTY IDENTIFICATION DETAILS	C		
3039	Party id. identification	M an..35	+123456	(a.6 at VW/Audi/Skoda) supplier number with index
1131	Code list qualifier	C an..3	:	--
3055	Code list responsible agency, coded	C an..3	:92'	*92 = Assigned by buyer or his agents*
				= Zugewiesen vom Käufer oder dessen Agenten

Note:

This segment is only sent if the shipment is delivered by a service provider.

Reference to VDA Recommendations:

Coding Example:

```
NAD+DC+123456::92'
```

Group:	SG4	Max. rep.:	2		SG4	SEQ-DTM-GIR-LOC-SG5-SG7

Segment:	**SEQ**	Serial No. 11	Level	1	SEQUENCE DETAILS
		Status: M	Max. rep.:	1	Einzelheiten zur Reihenfolge

Description

Formal description of segment:

		S, Format	Example:	Instructions for use
SEQ			SEQ	
1245	Status indicator, coded	C an..3	+3'	*3 New item*
				9 Test/No delivery

Note:

Reference to VDA Recommendations:

Coding Example:

SEQ+3 '

Group:	SG4	Max. rep.:	2			SG4	SEQ-DTM-GIR-LOC-SG5-SG7
Group:	SG7	Max. rep.:	50			SG7	LIN-PIA-IMD-ALI-GIR-TDT-FTX-PAC-DTM-S

Segment:	**LIN**	Serial No. 15	Level	2	LINE ITEM
		Status: M	Max. rep.:	1	Positionsdaten

Description   **Article data / part number**

Formal description of segment:

		S, Format	Example:	Instructions for use
LIN			LIN	
1082	Line item number	C an..6	+	--
1229	Action request/notification, coded	C an..3	+	--
C212	ITEM NUMBER IDENTIFICATION	C		
7140	Item number	C an..35	+ BKK A00 117 OS VD	(a...19 at VW/Audi/Skoda) supplier reference number/ VW article number in structured print format, blanks at end of article number are not transmitted.
7143	Item number type, coded	C an..3	:IN'	*IN = Buyer's item number*

Note:
Segment group 7 with LIN ff. is always sent.
The article number should be printed on the Kanban label.

Reference to VDA Recommendations:

Coding Example:

```
LIN+++ BKK A00 117 OS VD:IN'
```

Group:	SG4	Max. rep.:	2		SG4	SEQ-DTM-GIR-LOC-SG5-SG7
Group:	SG7	Max. rep.:	50		SG7	LIN-PIA-IMD-ALI-GIR-TDT-FTX-PAC-DTM-S

Segment:	FTX	Serial No. 16	Level	3	FREE TEXT
		Status: C	Max. rep.:	1	Freier Text

Description   **Free text about article**

Formal description of segment:

		S, Format	Example:	Instructions for use
FTX			FTX	
4451	Text subject qualifier	M an..3	+AAI	*AAI = Allgemeine Information, text for information purposes only / General information*
4453	Text function, coded	C an..3	+4	*4 = No action required, Text nur zur Information*
C107	TEXT REFERENCE	C		
4441	Free text identification	M an..17	+	--
C108	TEXT LITERAL	C		
4440	Free text	M an..70	+TEXT 1	(a...40 at VW/Audi/Skoda) Text 1
4440	Free text	C an..70	:TEXT 2	(a...40 at VW/Audi/Skoda) Text 2
4440	Free text	C an..70	:TEXT 3'	(a...40 at VW/Audi/Skoda) Text 3

Note:
The FTX segment is only sent when a text has been prepared for transmission.

Reference to VDA Recommendations:

Coding Example:

```
FTX+AAI+4++TEXT 1:TEXT 2:TEXT 3'
```

Group:	SG4	Max. rep.:	2			SG4	SEQ-DTM-GIR-LOC-SG5-SG7
Group:	SG7	Max. rep.:	50			SG7	LIN-PIA-IMD-ALI-GIR-TDT-FTX-PAC-DTM-S

Segment:	**PAC**	Serial No. 17	Level	3	PACKAGE
		Status: C	Max. rep.:	1	Packstück/Verpackung

Description   **Specified packaging data**

Formal description of segment:

		S, Format	Example:	Instructions for use
PAC			PAC	
7224	Number of packages	C n..8	+1	Defined packaging lot size in accordance with VW/Audi packaging instructions; Example: 1 = for this article the supplier must always ship 1 package or a multiple of 1 packages (delivery units).
C531	PACKAGING DETAILS	C		
7075	Packaging level, coded	C an..3	+	--
7233	Packaging related information, coded	C an..3	:	--
7073	Packaging terms and conditions, coded	C an..3	:11	*11 = Multiple usage buyer's durable / Mehrwegverpackung der Kunden* *12 = Multiple usage seller's durable / Mehrwegverpackung des Lieferanten*
C202	PACKAGE TYPE	C		
7065	Type of packages identification	C an..17	+006428	(a.6/a.7 at VW/Audi/Skoda) Packaging type in accordance with VW/Audi packaging instructions
1131	Code list qualifier	C an..3	:	--
3055	Code list responsible agency, coded	C an..3	:92'	*92 = Assigned by buyer or his agents* *= Zugewiesen vom Käufer oder dessen Agenten*

Note:
The PAC segment with packaging details and the per package quantity in the QTY segment are only
transmitted if a packaging is found for the article in the packaging master data at VW/Audi. In Kanban deliveries
supplier-owned packaging specific to the process is normally used;
the packaging code must be agreed between the supplier and VW.
In the Kanban message only the internal packages of stacked unit packs are called off.
Carrier palettes and other auxiliary packaging devices (e.g. lids) are not transmitted.

Reference to VDA Recommendations:

Coding Example:

```
PAC+1+::11+006428::92'
```

Group:	SG4	Max. rep.:	2			SG4	SEQ-DTM-GIR-LOC-SG5-SG7
Group:	SG7	Max. rep.:	50			SG7	LIN-PIA-IMD-ALI-GIR-TDT-FTX-PAC-DTM-S
Group:	SG8	Max. rep.:	1			SG8	RFF-DTM

Segment:	**RFF**	Serial No. 18	Level	3	REFERENCE
		Status: M	Max. rep.:	1	Referenzangaben

Description   **Purchase order number**

Formal description of segment:

		S, Format	Example:	Instructions for use
RFF			RFF	
C506	REFERENCE	M		
1153	Reference qualifier	M an..3	+ON	*ON = Auftragsnummer / Order No*
1154	Reference number	C an..35	:000001'	(a.6 at VW/Audi/Skoda) closing number / purchase order number

Note:
All purchase order numbers beginning with '0' are order codes of a framework order.
The RFF segment with closing/order number is always transmitted.

Reference to VDA Recommendations:

Coding Example:

```
RFF+ON:000001'
```

Group:	SG4	Max. rep.:	2		SG4	SEQ-DTM-GIR-LOC-SG5-SG7
Group:	SG7	Max. rep.:	50		SG7	LIN-PIA-IMD-ALI-GIR-TDT-FTX-PAC-DTM-S
Group:	SG9	Max. rep.:	1		SG9	LOC-SG10

Segment:	**LOC**	Serial No. 19 Status: M	Level Max. rep.:	3 1	PLACE/LOCATION IDENTIFICATION Ortsangabe

Description   **Unloading location at goods recipient**

Formal description of segment:

		S, Format	Example:	Instructions for use
LOC			LOC	
3227	Place/location qualifier	M an..3	+11	*11 = Entladeort / Unloading location*
C517	LOCATION IDENTIFICATION	C		
3225	Place/location identification	C an..25	+01H15	(a.5 at VW/Audi/Skoda) unloading location coded
1131	Code list qualifier	C an..3	:	--
3055	Code list responsible agency, coded	C an..3	:92	*92 = Zugewiesen vom Käufer oder dessen Agenten / Assigned by buyer or his agents*
3224	Place/location	C an..70	: SCHLEPP DACH HALLE 15'	(a...30 at VW/Audi/Skoda) Unloading location in plain text, additional information to direct shipment

Note:
Unloading locations are defined and assigned by the Factory Logistics of the respective marque.
The LOC segment with the unloading location is always transmitted.
   Information on the unloading location must be printed on the Kanban label.

Reference to VDA Recommendations:

Coding Example:

```
LOC+11+01H15::92:SCHLEPPDACH HALLE 15'
```

Group:	SG4	Max. rep.:	2		SG4	SEQ-DTM-GIR-LOC-SG5-SG7
Group:	SG7	Max. rep.:	50		SG7	LIN-PIA-IMD-ALI-GIR-TDT-FTX-PAC-DTM-S
Group:	SG9	Max. rep.:	1		SG9	LOC-SG10

Segment:	**LOC**	Serial No. 20 Status: M	Level 3 Max. rep.: 1	PLACE/LOCATION IDENTIFICATION Ortsangabe

Description   **Requirement location**

Formal description of segment:

		S, Format	Example:	Instructions for use
LOC			LOC	
3227	Place/location qualifier	M an..3	+54	*54 = Manufacturing department*
C517	LOCATION IDENTIFICATION	C		
3225	Place/location identification	C an..25	+BA01- A3-4B0045	(a...14) Point of consumption/ requirement location/ installation location
1131	Code list qualifier	C an..3	:	--
3055	Code list responsible agency, coded	C an..3	:92'	*92 = Zugewiesen vom Käufer oder dessen Agenten / Assigned by buyer or his agents*

Note:
The Kanban requirement location is not identical with the 10-character point of consumption used at Audi.

Reference to VDA Recommendations:

Coding Example:

```
LOC+54+BA01-A3-4B0045::92'
```

Group:	SG4	Max. rep.:	2		SG4	SEQ-DTM-GIR-LOC-SG5-SG7
Group:	SG7	Max. rep.:	50		SG7	LIN-PIA-IMD-ALI-GIR-TDT-FTX-PAC-DTM-S
Group:	SG11	Max. rep.:	10		SG11	QTY-SCC-DTM-SG12

Segment:	QTY	Serial No. 21 Status: M	Level Max. rep.:	3 1	QUANTITY Menge

Description   **Specified delivery quantity**

Formal description of segment:

		S, Format	Example:	Instructions for use
QTY			QTY	
C186	QUANTITY DETAILS	M		
6063	Quantity qualifier	M an..3	+131	*131 Delivery quantity*
6060	Quantity	M n..15	:380	(n.9 at VW/Audi/Skoda) Release quantity = specified delivery quantity
6411	Measure unit qualifier	C an..3	:PCE'	*PCE piece* *KGM kilogram* *LTR litre* *MTR metre*

Note:
Segment group 11 (QTY, DTM, RFF) with the specified delivery data may appear more than once if more than one package with different delivery times or Kanban numbers / package serial numbers for the same article is called off.

Reference to VDA Recommendations:

Coding Example:

```
QTY+131:380:PCE'
```

Group:	SG4	Max. rep.:	2		SG4	SEQ-DTM-GIR-LOC-SG5-SG7
Group:	SG7	Max. rep.:	50		SG7	LIN-PIA-IMD-ALI-GIR-TDT-FTX-PAC-DTM-S
Group:	SG11	Max. rep.:	10		SG11	QTY-SCC-DTM-SG12

Segment:	**DTM**	Serial No. 22	Level	4	DATE/TIME/PERIOD
		Status: C	Max. rep.:	1	Date/Time/Period

Description   **Desired delivery time (date/ time)**

Formal description of segment:

		S, Format	Example:	Instructions for use
DTM			DTM	
C507	DATE/TIME/PERIOD	M		
2005	Date/time/period qualifier	M an..3	+2	*2 = Delivery time (date/time), desired arrival time at VW / Audi*
				Liefertermin (-datum/-zeit), gewünscht
2380	Date/time/period	C an..35	: 199910101 800	Latest time at which the release quantity is to be delivered
2379	Date/time/period format qualifier	C an..3	:203'	*203 = YYYYMMDDHHMM*

Note:
The goods must be available at the installation location at the specified delivery time (date/time) at the latest.

Reference to VDA Recommendations:

Coding Example:

```
DTM+2:199910101800:203'
```

Group:	SG4	Max. rep.:	2		SG4	SEQ-DTM-GIR-LOC-SG5-SG7
Group:	SG7	Max. rep.:	50		SG7	LIN-PIA-IMD-ALI-GIR-TDT-FTX-PAC-DTM-S
Group:	SG11	Max. rep.:	10		SG11	QTY-SCC-DTM-SG12
Group:	SG12	Max. rep.:	1		SG12	RFF-DTM

Segment:	**RFF**	Serial No. 23	Level	4	REFERENCE
		Status: M	Max. rep.:	1	Referenzangaben

Description   **Kanban-Nr VW-Sequence**

Formal description of segment:

		S, Format	Example:	Instructions for use
RFF			RFF	
C506	REFERENCE	M		
1153	Reference qualifier	M an..3	+AHE	*AHE = Kanban Signal code number / Kanban Nummer*
1154	Reference number	C an..35	: 123456789 0ABCDE'	(a...15 at VW/Audi/Skoda) Kanban number

Note:
The Kanban number VW sequence must be printed on the Kanban label.The Kanban number VW sequence is unique for all suppliers of a VW receiving plant, it is referenced in the TSL (daily delivery note) as delivery note number.

Reference to VDA Recommendations:

Coding Example:

```
RFF+AHE:1234567890ABCDE'
```

Group:	SG4	Max. rep.:	2		SG4	SEQ-DTM-GIR-LOC-SG5-SG7
Group:	SG7	Max. rep.:	50		SG7	LIN-PIA-IMD-ALI-GIR-TDT-FTX-PAC-DTM-S
Group:	SG11	Max. rep.:	10		SG11	QTY-SCC-DTM-SG12
Group:	SG12	Max. rep.:	1		SG12	RFF-DTM

Segment:	**RFF**	Serial No. 24	Level:	4	REFERENCE
		Status: M	Max. rep.:	1	Referenzangaben

Beschreibung: Sequence No. applied to Supplier

Formal description of segment:

		S, Format	Example:	Instructions for use
RFF			RFF	
C506	REFERENCE	M		
1153	Reference qualifier	M an..3	+AGJ	*AGJ Single transaction sequence number*
1154	Reference number	C an..35	: 1234567890ABCDE'	(a...15 at VW/Audi/Skoda) Sequence number applied to supplier

Note:
The sequence number relative to supplier is counted without gaps for each supplier. With this sequence number suppliers may check the completeness of Kanban calls to be intended for him.
The supplier applied sequence number is not to be printed on the Kanban label. it is not referenced in the TSL (daily delivery note).

Reference to VDA Recommendations:

Coding example:

```
RFF+AGJ:1234567890ABCDE'
```

Group:	SG4	Max. rep.:	2			SG4	SEQ-DTM-GIR-LOC-SG5-SG7
Group:	SG7	Max. rep.:	50			SG7	LIN-PIA-IMD-ALI-GIR-TDT-FTX-PAC-DTM-S
Group:	SG11	Max. rep.:	10			SG11	QTY-SCC-DTM-SG12
Group:	SG12	Max. rep.:	1			SG12	RFF-DTM

| **Segment:** | **RFF** | Serial No. 25 | Level: | 4 | REFERENCE |
| | | Status: M | Max. rep.: | 1 | Referenzangaben |

Description   **Sequence Nr. applied to Article / part number**

Formal description of segment:

		S, Format	Example:	Instructions for use
RFF			RFF	
C506	REFERENCE	M		
1153	Reference qualifier	M an..3	+FS	*FS Final sequence number*
1154	Reference number	C an..35	: 123456789 0ABCDE'	(a...15 at VW/Audi/Skoda) Sequence number article

Note:
The sequence number relative to articles is counted without gaps for each article / part no.. With this sequence number suppliers can check the completeness of Kanban calls for each article.
The sequence number assigned to articles is not to be printed on the Kanban label. it is not referenced in the TSL (daily delivery note).

Reference to VDA Recommendations:

Coding example:

```
RFF+FS:1234567890ABCDE'
```

Group:	SG4	Max. rep.:	2			SG4	SEQ-DTM-GIR-LOC-SG5-SG7
Group:	SG7	Max. rep.:	50			SG7	LIN-PIA-IMD-ALI-GIR-TDT-FTX-PAC-DTM-S
Group:	SG11	Max. rep.:	1			SG11	QTY-SCC-DTM-SG12

Segment:	QTY	Serial No. 26	Level	3	QUANTITY
		Status: M	Max. rep.:	1	Menge

Description   **Target quantity per package**

Formal description of segment:

		S, Format	Example:	Instructions for use
QTY			QTY	
C186	QUANTITY DETAILS	M		
6063	Quantity qualifier	M an..3	+52	*52 = Quantity per pack / Füllmenge*
6060	Quantity	M n..15	:80	(n.7 at VW/Audi/Skoda) target quantity per package
6411	Measure unit qualifier	C an..3	:PCE'	*PCE piece*
				KGM kilogram
				LTR litre
				MTR metre
				CMT centimetre = 0,01 MTR
				CLT centilitre = 0,01 LTR
				DJ decagram = 0,01 KGM

Note:

Reference to VDA Recommendations:

Coding Example:

```
QTY+52:80:PCE'
```

Segment:	UNT	Serial No. 28	Level	0	MESSAGE TRAILER
		Status: M	Max. rep.:	1	Nachrichten-Endesegment

Description	**Final segment of message**

Formal description of segment:

		S, Format	Example:	Instructions for use
UNT			UNT	
0074	Number of segments in a message	M n..6	+26	Number of segments in a message
0062	Message reference number	M an..14	+12345'	Reference number of message in the transmission file, starting at 1; identical to UNH DE0062.

Note:

Reference to VDA Recommendations:

Coding Example:

```
UNT+26+12345'
```

Segment:	**UNZ**	Serial No. 29 Status: M	Level Max. rep.:	0 1	INTERCHANGE TRAILER Nutzdaten-Endesegment

| **Description** | **Final segment of transmission file** |

Formal description of segment:

		S, Format	Example:	Instructions for use
UNZ			UNZ	
0036	Interchange control count	M n..6	+1	Number of messages in a transmission at VW always 1
0020	Interchange control reference	M an..14	+12345'	Transmission reference number is allocated by sender (usually converter) Reference number is identical to UNB DE0020.

Note:

Reference to VDA Recommendations:

Coding Example:

```
UNZ+1+12345'
```