

Delivery Schedules

VDA 4913

Version 2.0, issued 13th sep 2013

General definitions

This guideline based on the VDA4913 recommendation V.04 (march 1996). The original VDA document can be downloaded on the following URL: <http://www.vda.de/de/service/bestellung/downloads/4913.pdf>

Please pay attention to the following definitions in accordance with the VDA recommendation:

- Numerical fields are filled left-aligned with zeros
- Numerical fields are filled with zeroes if they are not used
- Alphanumeric fields are filled right-aligned with blanks
- Alphanumeric fields are filled with blanks if they are not used

Table Description

There is a table for each separate segment as the following sample:

P	Data Element	U	B	D	L	O	T	Description
01	Satzart	M	R	N	3	1	3	Record type Constant '711'
02	Versions-Nummer	M	R	N	2	4	5	Version Constant '03'

The table and it's shortens has to be read as described:

P	ongoing position-number within the segment
Data Element	element name
U	VDA usage M - Mandatory C - Conditional
B	Benteler usage R - Required O - Optional N - Not used by Benteler
D	<u>Data-Type</u> A - alphanumeric N - numeric
L	length - in digits
O	offset - starting position within the segment
T	to - ending position within the segment
Description	description

As numeric defined fields are unpacked decimal fields, right-aligned and filled with leading zeros. Unused numeric fields are filled with zeros.

Unsuad alphanumeric fields are filled with blanks.

Message Description

Rec	Ver	U	B	R	Description
711	03	M	R	1	Vorsatz Lieferschein- und Transportdaten <i>Header record delivery note</i>
712	03	M	R	1	Einmalige Datenelemente des Transports <i>Unique data to the delivery note</i>
713	03	M	R	x	Einmalige Daten des Lieferscheins <i>One-off data elements of delivery note</i>
714	03	M	R	x	Lieferschein Positionsdaten <i>Item data of delivery note</i>
715	03	C	R	x	Packmitteldaten <i>Packaging data</i>
716	02	C	O	x	Textdaten zur Position <i>Text data on item</i>
717	01	C	N	x	Einzel-Packstuecksatz zur Position <i>Individual packaging data</i>
718	02	C	N	x	Produktionsnummerndaten <i>Production number data</i>
719	02	M	R	1	Nachsatz Lieferschein- und Transportdaten <i>Trailer record delivery note</i>

Record types which are marked with '1' in the field <R> (Repeat) has only be transmitted 1 time per delivery note. Record types which are marked with 'x' in this field can repeat several times per delivery note.

Satzart 711 - Header record delivery note

P	Data Element	U	B	D	L	O	T	Description
01	Satzart	M	R	N	3	1	3	Record type Constant '711'
02	Versions-Nummer	M	R	N	2	4	5	Version Constant '03'
03	Daten-Empfaenger- Nummer	M	R	A	9	6	14	Customer reference number
04	Daten-Sender-Nummer	M	R	A	9	15	23	Supplier reference number
05	Uebertragungs-Nr-Alt	M	R	N	5	24	28	Last transmission number
06	Uebertragungs-Nr-Neu	M	R	N	5	29	33	Actual transmission number
07	Uebertragungs-Datum	M	R	N	6	34	39	Date of transmission (Format YYMMDD)
08	Unter-Lieferanten- Nummer	C	N	A	9	40	48	Sub-Supplier No.
09	Frachtfuehrer-Nummer	C	N	A	9	49	57	Enlarged carrier ID
10	Lagerhalter-Schluessel	C	N	A	1	58	58	Key to stocklist
11	Lieferungs-Kennung	C	N	A	1	59	59	Delivery code
12	Leerzeichen	M	R	A	69	60	128	Filled with blanks

Satzart 712 - Unique data to the delivery note

P	Data Element	U	B	S	L	O	T	Description
01	Satzart	M	R	N	3	1	3	Record type Constant '712'
02	Versions-Nummer	M	R	N	2	4	5	Version Constant '03'
03	Sendungs-Ladungs- Bezugs-Nummer	M	R	N	8	6	13	Shipment load reference number
04	Werk Lieferant	C	O	A	3	14	16	plant supplier
05	Frachtfuehrer	M	O	A	14	17	30	Carrier ID
06	Frachtfuehrer Uebergabedatum	M	O	N	6	31	36	Carrier transfer date (Format YYMMDD)
07	Frachtfuehrer Uebergabezeit	M	O	N	4	37	40	Carrier transfer time (Format HHMM)
08	Sendungs-Gewicht brutto	M	O	N	7	41	47	Gross shipment weight
09	Sendungs-Gewicht netto	C	O	N	7	48	54	Net shipment weight
10	Frankatur-Schlüssel	C	O	N	2	55	56	Pre-payment of charges key
11	Spediteur DFUE- Schlüssel	C	N	A	1	57	57	Carrier transmission key
12	Anzahl Packstuecke	C	R	N	4	58	61	Number of packages
13	Transport-Partner-Nr	C	O	A	14	62	75	Transport partner ID
14	Transportmittel- Schlüssel	M	O	N	2	76	77	Key to means of transport * ¹
15	Transportmittel-Nr	M	O	A	25	78	102	Means of transport number
16	Schlüssel zu Pos. 17	C	N	A	1	103	103	Code for item 17
17	Inhalt gem. Schlüssel in Pos. 16	C	N	A	8	104	111	Content in accordance with item 16
18	Eintreffdatum Soll	C	O	N	6	112	117	Target arrival date (Format YYMMDD)
19	Eintreffzeit Soll	C	O	N	4	118	121	Target arrival time
20	Lademeter	C	O	N	3	122	124	Load meter
21	LKW Art-Schlüssel	C	N	N	1	125	125	Lorry type code
22	Leerzeichen	M	R	A	3	126	128	Filled with blanks

*¹ Key to means of transport [Element 712_14]

- 01 Vehicle Registration Plate
- 02 Freight List Number
- 08 Railcar Number
- 09 Parcel Number
- 10 Flight Number and/or Air Waybill No.
- 11 Ship Name

Satzart 713 - One-off data elements of delivery note

P	Data Element	U	B	D	L	O	T	Description
01	Satzart	M	R	N	3	1	3	Record type Constant '713'
02	Versions-Nummer	M	R	N	2	4	5	Version Constant '03'
03	Lieferschein-Nummer	M	R	N	8	6	13	Delivery note number
04	Versanddatum	M	R	N	6	14	19	Dispatch date (Format YYMMDD)
05	Abladestelle	M	R	A	5	20	24	Unloading point
06	Versandart	M	R	N	2	25	26	Dispatch type * ¹
07	Zeichen des Kunden (LAB)	C	O	A	4	27	30	Customer reference (LAB)
08	Abschluß- /Bestellnummer	M	O	A	12	31	42	Contract-/Order-Number
09	Vorgangs-Schlüssel	C	N	N	2	43	44	Process code
10	Leer	M	R	N	4	45	48	Filled with blanks
11	Werk Kunde	M	O	A	3	49	51	Customer plant
12	Konsignation	C	N	N	8	52	59	Consignment
13	Warenempfaenger-Nr	C	O	A	9	60	68	Goods receiver ID
14	Leerzeichen	M	R	A	1	69	69	filled with blanks
15	Lagerort Kunde	C	N	A	7	70	76	Customer storage location
16	Lieferanten-Nummer	M	O	A	9	77	85	Supplier ID
17	Verbrauchsstelle	C	O	A	14	86	99	Point of assembling
18	Abruf-Nr.	C	O	A	4	100	103	Release number
19	Zeichen des Kunden	C	O	A	6	104	109	Customer reference
20	Dokument-Nr. Kunde	C	O	A	14	110	123	Customer document no.
21	Leerzeichen	M	R	A	5	124	128	Filled with blanks

*¹ Dispatch type [Element 713_06]

- 01 HGV (Sub contractor)
- 02 HGV customer
- 03 HGV carriage
- 04 HGV rail
- 05 Own HGV (Supplier)
- 08 Railcar
- 09 Post shipment
- 10 Air freight
- 11 Sea freight
- 20 Private package service

Satzart 714 - Item data of delivery note

P	Data Element	U	B	D	L	O	T	Description
01	Satzart	M	R	N	3	1	3	Record type Constant '714'
02	Versions-Nummer	M	R	N	2	4	5	Version Constant '03'
03	Sachnummer Kunde	M	R	A	22	6	27	Customer reference number
04	Sachnummer Lieferant	M	R	A	22	28	49	Supplier reference number
05	Ursprungsland	M	R	N	3	50	52	Country of origin Coded (ie. 004 for germany)
06	Liefermenge 1	M	R	N	13	53	65	Delivery quantity 1 Format xxxxxxxxxxddd (3 implicit decimals!)
07	Mengeneinheit 1	M	R	A	2	66	67	Unit of quantity 1
08	Liefermenge 2	C	O	N	13	68	80	Delivery quantity 2 Format xxxxxxxxxxddd (3 implicit decimals!)
09	Mengeneinheit 2	C	O	A	2	81	82	Unit of quantity 2
10	Umsatzsteuersatz	C	N	N	3	83	85	VAT rate
11	Leerzeichen	M	R	A	1	86	86	filled with blanks
12	Positionsnr. Lieferschein	M	O	N	3	87	89	Delivery note item number
13	Abruf-Schlüssel	C	N	A	1	90	90	Release key
14	Chargen-Nummer	C	N	A	15	91	105	Batch number
15	Verwendungsschlüssel	M	R	A	1	106	106	Code usage ^{*1}
16	Gefährliche Stoffe Schlüssel	C	N	A	8	107	114	Hazardous substances code
17	Praferenz-Status	M	O	A	1	115	115	Preference status
18	Zollgut	M	O	A	1	116	116	Dutiable goods
19	Leerzeichen	M	R	A	1	117	117	Filled with blanks
20	Bestands-Status	M	O	A	1	118	118	Inventory status
21	Geaenderte Ausfuehrungs- Schlüssel	M	O	A	2	119	120	Modified version code
22	Ursprung Lieferschein- Nr.	C	O	A	8	121	128	Original delivery note

*1 Code usage [Element 714_15]

S general series
E spare part
M first model

Satzart 715 - Packaging Data

P	Data Element	U	B	D	L	O	T	Description
01	Satzart	M	R	N	3	1	3	Record type Constant '715'
02	Versions-Nummer	M	R	N	2	4	5	Version Constant '03'
03	Packmittelnummer Kunde	M	R	A	22	6	27	Customer packaging number
04	Packmittelnummer Lief.	M	R	A	22	28	49	Supplier packaging number
05	Anzahl Packmittel	M	R	N	13	50	62	Number of packages Format xxxxxxxxxxxxxx (no decimals!)
06	Positionsnummer Lieferschein	M	R	N	3	63	65	Delivery note item number
07	Fuellmenge	C	R	N	13	66	78	Used quantity per package Format xxxxxxxxxxxddd (3 implicit decimals!)
08	Packstuecknummer von	C	R	A	9	79	87	Package number from
09	Packstuecknummer bis	C	R	A	9	88	96	Package number to
10	Verpackungsabmessung	C	O	N	12	97	108	Packaging dimensions
11	Stapelfaktor	C	O	N	1	109	109	Stacking factor
12	Lagerabruf-Nummer	C	O	A	15	110	124	Warehouse release number
13	Label-Kennung	C	R	A	1	125	125	Label indicator ^{*1}
14	Verpackungs-Kennung	C	O	A	1	126	126	Packaging code
15	Eigentums-Kennung	C	O	A	1	127	126	Property code
16	Leerzeichen	M	R	A	1	128	128	Filled with blanks

*1 Label indicator [Element 715_13]

The allowed codes are:

M/G Master / Gebinde (Wholesale unit pack)
 S Single
 <blank> Supplementary packing aids

The order of the packaging hierarchy is always:

1. Master or Wholesale unit pack
2. Single
3. Supplementary packing aids

The hierarchy is defined about the order. The Singles and Supplementary packing aids belongs always to the leading Master or Wholesale unit pack!

Satzart 716 - Text data on item

P	Data Element	U	B	D	L	O	T	Description
01	Satzart	M	R	N	3	1	3	Record type Constant '716'
02	Versions-Nummer	M	R	N	2	4	5	Version Constant '03'
03	Text 1	M	O	A	40	6	45	Text
04	Text 2	C	O	A	40	46	85	Text
05	Text 3	C	O	A	40	86	125	Text
06	Leerzeichen	M	R	A	3	126	128	Filled with blanks

Satzart 719 - Trailer record of the delivery note

P	Data Element	U	B	D	L	O	T	Description
01	Satzart	M	R	N	3	1	3	Record type Constant '719'
02	Versions-Nummer	M	R	N	2	4	5	Version Constant '02'
03	Zaehler Satzart 711	M	R	N	7	6	12	Record counter 711 records
04	Zaehler Satzart 712	M	R	N	7	13	19	Record counter 712 records
05	Zaehler Satzart 713	M	R	N	7	20	26	Record counter 713 records
06	Zaehler Satzart 714	M	R	N	7	27	33	Record counter 714 records
07	Zaehler Satzart 715	M	R	N	7	34	40	Record counter 715 records
08	Zaehler Satzart 716	M	R	N	7	41	47	Record counter 716 records
09	Zaehler Satzart 718	M	R	N	7	48	54	Record counter 718 records
10	Zaehler Satzart 719	M	R	N	7	55	61	Record counter 719 records
11	Zaehler Satzart 717	M	R	N	7	62	68	Record counter 717 records
11	Leerzeichen	M	R	A	60	69	128	Filled with blanks

Version History

Version	Date	Change
1.0	11.02.2005	Initial Version
1.1	08.05.2009	Layout update

