

LEONI

Message Implementation Guideline

vda_4905

based on

VDA4905

Delivery instruction

VDA 4905

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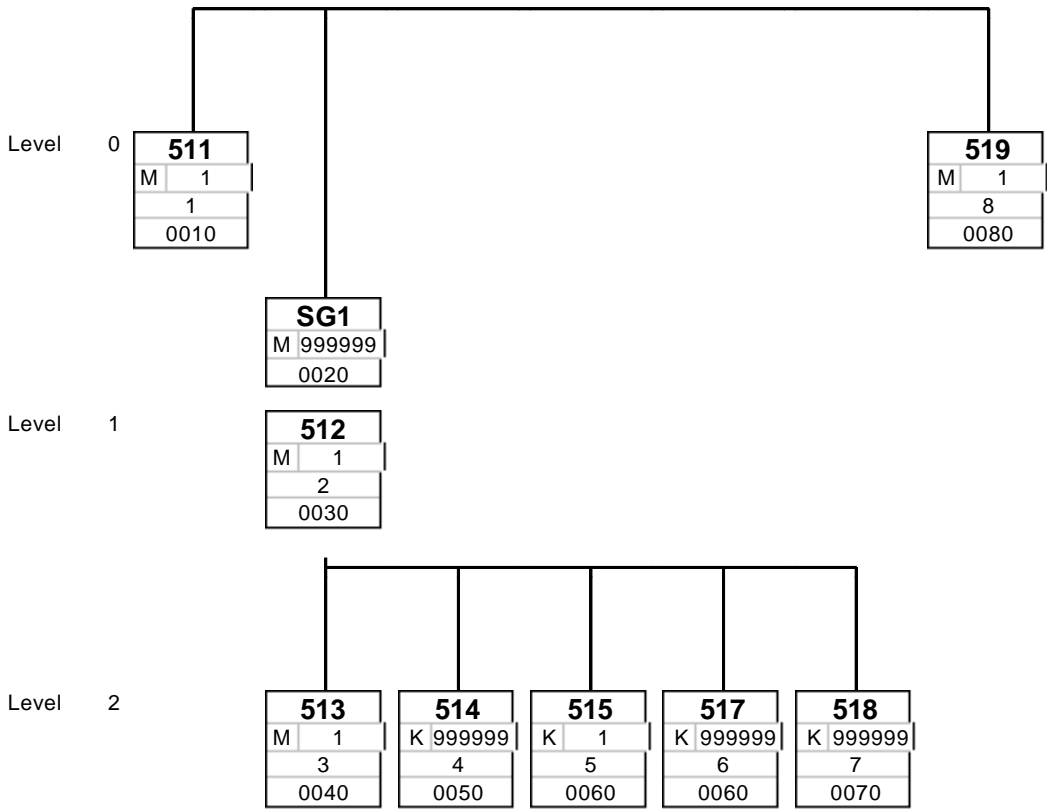
Author: acmo1001

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3 Introduction

4 Branching Diagram



Tag
St MaxOcc
No
Counter

Tag = Segment/Group Tag
 St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
 MaxOcc = Maximum occurrence of the segment/group
 No = Consecutive segment number
 Counter = Counter of segment/group within the standard

5 Message Structure

Counter	No	Tag	St	MaxOcc	Level	Content
0010	1	511	M	1	0	header record delivery instruction
0020		SG1	M	9999999	1	512-513-514-515-517-518
0030	2	512	M	1	1	unique delivery instruction data
0040	3	513	M	1	2	accrual and call off data
0050	4	514	K	9999999	2	additional call off data
0060	5	515	K	1	2	Ford US call off data (for LABs from USA, Canada, Mexico only)
0060	6	517	K	9999999	2	packaging data
0070	7	518	K	9999999	2	call off text
0080	8	519	M	1	0	trailer record delivery instruction

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group

St = Status (M=Mandatory, C=Conditional, R=Required,
 O=Optional, D=Dependent, A=Advised, N=Not used)

6 Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0010	1	511	M	1	0	header record delivery instruction

Standard			Implementation		
Tag	Name	StForma	St	Forma	Usage / Remark
511_01	Record type	M N3	M	N3	Constant "511"
511_02	Version number	M N2	M	N2	Constant "02" 02 Version 02
511_03	customer number	M A9	M	A9	Code, which the supplier assigns to a customer. The customer number under which the company is filed at the supplier's end. This customer number is used on all forms and in the EDI processing with the suppliers.
511_04	supplier number	M A9	M	A9	Local supplier number assigned by the receiver to each supplier.
511_05	old (previous) transmission number	M N5	M	N5	A consecutive number is used for each EDI run The old transmission number is that of the last run.
511_06	new transmission number	M N5	M	N5	Is computed for each EDI file creation run : OLD number incremented by 1.
511_07	transmission date	M N6	M	N6	This is the current date of the EDI file creation in format YYMMDD.
511_08	date of resetting the cumulative received quantity to zero	K N6	K	N6	Date of zero position cumulative quantity receipt figure
511_09	Blank	K A83	K	A83	filled with blanks

Remark:

Example:

51102PK-9014 5023 0000500006170324

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, C=Conditional, R=Required,
 O=Optional, D=Dependent, A=Advised, N=Not used)

6 Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0020		SG1	M	9999999	1	512-513-514-515-517-518
0030	2	512	M	1	1	unique delivery instruction data

Standard			Implementation		
Tag	Name	StForma	St	Forma	Usage / Remark
512_01	Record type	M N3	M	N3	Constant "512"
512_02	Version number	M N2	M	N2	Constant "01" 01 Version 01
512_03	customer plant	M A3	M	A3	number of recipient plant 72
512_04	call off number new	M N9	M	N9	The delivery call-off number new is assigned per article code numerically and continuously ascending with leading zeros.
512_05	call off date new	M N6	M	N6	This is the related date in format YYMMDD for the delivery call-off number NEW.
512_06	call off number old	M N9	M	N9	Delivery call-off number of the preceding delivery call-off.
512_07	call off date old	M N6	M	N6	Delivery call-off date of the preceding delivery call-off.
512_08	customer's article code	M A22	M	A22	The part number is transferred left justified in the printing form (inclusive blank as constituent of the part number). Into the delivery data the part number is to be taken over identically.
512_09	supplier's article code	K A22	K	A22	Identification number of the supplier for a specific part.
512_10	order/ contract number	K A12	K	A12	Identification number of the Purchase Order.
512_11	unloading point (point of discharge)	M A5	M	A5	Identification number for the reception point to which the incoming goods of the supplier are to be delivered.
512_12	customer reference	M A4	M	A4	Identifier of supply chain contact.
512_13	quantity unit	M A2	M	A2	Description of Unit used to define quantity required. KG Kilogramm
512_14	delivery interval	M A1	M	A1	fix value "L" L Gemäß Abrufdatum
512_15	production authorisation	K N1	K	N1	Is not transferred.
512_16	material authorisation	K N1	K	N1	Is not transferred.
512_17	usage key	M A1	M	A1	Only one value 'S' for Series Production. S Serie
512_18	account	K A7	K	A7	Is not transferred.
512_19	storage	K A7	K	A7	Place of destination
512_20	Blank	K A5	K	A5	filled with blanks

Remark:

Example:

5120172 00000000617032400000000517032302021740B000F1600 P00134641 12021740B001W72S
K KGL S 72

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6 Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0020		SG1	M	9999999	1	512-513-514-515-517-518
0040	3	513	M	1	2	accrual and call off data

Standard			Implementation	
Tag	Name	StForma	St Forma	Usage / Remark
513_01	Record type	M N3	M N3	Constant "513"
513_02	Version number	M N2	M N2	Constant "01" 01 Version 01
513_03	entry date last delivery	M N6	M N6	Recorded receipts of this article are posted and considered in the planning by this date.
513_04	delivery note number last delivery	M N8	M N8	Delivery note number of the last material receipt with this article code, right-justified entry with leading zeros.
513_05	delivery note date last delivery	M N6	M N6	Delivery note date in format YYMMDD of the last receipt booked.
513_06	quantity last delivery	M N12	M N12	Quantity last recorded material receipt, right-justified entry, with leading zeros. 3 decimal places, minus sign if necessary.
513_07	cumulative figure	M N10	M N10	Cummulative figure, which contains all booked receipts with positively or negatively starting from" date zero position input progress number" transmitted in SA 511 up to the calculation of requirements for the current delivery call. With leading zeros, no decimal place, minus sign if necessary.
513_08	call off date 1	M N6	M N6	Goods arrival date in the receiving area related to the " call-off quantity 1 " . Call-off dates can be indicated as daily/weekly or monthly dates. This field (and further) can contain different forms of date 170512
513_09	call off quantity 1	M N9	M N9	Call-off quantities can be indicated as daily/weekly or monthly quantities. All call-off quantities are entered right-justified with leading. No decimal place.
513_10	call off date 2	K N6	K N6	see call-off date 1 170522
513_11	call off quantity 2	K N9	K N9	see call-off quantity 1
513_12	call off date 3	K N6	K N6	see call-off date 1 170522
513_13	call off quantity 3	K N9	K N9	see call-off quantity 1
513_14	call off date 4	K N6	K N6	see call-off date 1 170526
513_15	call off quantity 4	K N9	K N9	see call-off quantity 1
513_16	call off date 5	K N6	K N6	see call-off date 1 170612
513_17	call off quantity 5	K N9	K N9	see call-off quantity 1
513_18	Blank	K A6	K A6	filled with blanks

Remark:
Example:

51301170323000TEST2170323000000100000000015500170512000002000170522000006000170522000007000170526

No = Consecutive segment number
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St = Status (M=Mandatory, C=Conditional, R=Required,
O=Optional, D=Dependent, A=Advised, N=Not used)

6 Segments

000008000170612000002000

No = Consecutive segment number
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St = Status (M=Mandatory, C=Conditional, R=Required,
O=Optional, D=Dependent, A=Advised, N=Not used)

6 Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0020		SG1	M	9999999	1	512-513-514-515-517-518
0050	4	514	K	9999999	2	additional call off data

Standard			Implementation	
Tag	Name	StForma	St Forma	Usage / Remark
514_01	Record type	M N3	M N3	Constant "514"
514_02	Version number	M N2	M N2	Constant "01"
				01 Version 01
514_03	call off date 6	M N6	M N6	see call-off date 1, SA 513.
				170620
514_04	call off quantity 6	M N9	M N9	see call-off quantity 1, SA 513.
514_05	call off date 7	K N6	K N6	see call-off date 1, SA 513.
				170703
514_06	call off quantity 7	K N9	K N9	see call-off quantity 1, SA 513.
514_07	call off date 8	K N6	K N6	see call-off date 1, SA 513.
				170705
514_08	call off quantity 8	K N9	K N9	see call-off quantity 1, SA 513.
514_09	call off date 9	K N6	K N6	see call-off date 1, SA 513.
514_10	call off quantity 9	K N9	K N9	see call-off quantity 1, SA 513.
514_11	call off date 10	K N6	K N6	see call-off date 1, SA 513.
514_12	call off quantity 10	K N9	K N9	see call-off quantity 1, SA 513.
514_13	call off date 11	K N6	K N6	see call-off date 1, SA 513.
514_14	call off quantity 11	K N9	K N9	see call-off quantity 1, SA 513.
514_15	call off date 12	K N6	K N6	see call-off date 1, SA 513.
514_16	call off quantity 12	K N9	K N9	see call-off quantity 1, SA 513.
514_17	call off date 13	K N6	K N6	see call-off date 1, SA 513.
514_18	call off quantity 13	K N9	K N9	see call-off quantity 1, SA 513.
514_19	Blank	K A3	K A3	filled with blanks

Remark:

Example:

514011706200000800017070300000250017070500000400000000

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 O=Optional, D=Dependent, A=Advised, N=Not used)

6 Segments

Counter	No	Tag	St	MaxOcc	Level	Name
	0020	SG1	M	9999999	1	512-513-514-515-517-518
	0060	517	K	9999999	2	packaging data

Standard			Implementation		
Tag	Name	StForma	St	Forma	Usage / Remark
517_01	Record type	M N3	M	N3	Constant "517"
517_02	Version number	M N2	M	N2	Constant "01"
517_03	customer's article code for the package	M A22	M	A22	ID number, which the customer assigns to a packaging type, left justified entry with leading zeros for type of packaging.
517_04	supplier's article number for the package	K A22	K	A22	ID number, which the supplier assigns to a packaging type, left justified entry with leading zeros for type of packaging type.
517_05	package capacity	M N7	M	N7	Packaging type for the article code assigned amount of filling in the measure unit of SA 512, position 13; right-justified entry with leading zeros, no decimal place.
517_06	Blank	K A72	K	A72	filled with blanks

Remark:

Example:

51701XXXXXXXXXXXXXXXXXXXXXXXXXXXX 9999999

No = Consecutive segment number
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6 Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0020		SG1	M	9999999	1	512-513-514-515-517-518
0070	7	518	K	9999999	2	call off text

Standard			Implementation	
Tag	Name	StForma	St Forma	Usage / Remark
518_01	Record type	M N3	M N3	Constant "518"
518_02	version number	M N2	M N2	Constant "01"
518_03	call off text 1	M A40	M A40	left-justified entry
518_04	call off text 2	K A40	K A40	left-justified entry
518_05	call off text 3	K A40	K A40	left-justified entry
518_06	Blank	K A3	K A3	filled with blanks

Remark:

Example:

51801XX

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 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used)

6 Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0080	8	519	M	1	0	trailer record delivery instruction

Standard			Implementation	
Tag	Name	StForma	St Forma	Usage / Remark
519_01	Record type	M N3	M N3	Constant "519"
519_02	Version number	M N2	M N2	Constant "02"
519_03	counter record 511	M N7	M N7	Number of transferred record type 511
519_04	counter record 512	M N7	M N7	Number of transferred record type 512
519_05	counter record 513	M N7	M N7	Number of transferred record type 513
519_06	counter record 514	M N7	M N7	INC(z514)
519_07	counter record 517	M N7	M N7	INC(z517)
519_08	counter record 518	M N7	M N7	INC(z518)
519_09	counter record 519	M N7	M N7	Number of transferred record type 519
519_10	counter record 515	M N7	M N7	INC(z515)
519_11	Blank	K A67	K A67	filled with blanks

Remark:**Example:**

51902000001000000100000010000001000000000000000000010000001

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 O=Optional, D=Dependent, A=Advised, N=Not used)

7 Examples

No	Tag	Example
01	511	51102PK-9014 5023 0000500006170324
SG1		
02	512	5120172 00000000617032400000000517032302021740B000F1600 P0013464 1 12021740B001W72SK KGL S 72
03	513	51301170323000TEST2170323000000010000000015500170512000002000170522 000006000170522000007000170526000008000170612000002000
04	514	51401170620000008000170703000002500170705000004000000000
05	515	5150200000000000000000000000000000 0000000000 000000 0000000000
06	517	51701XXXXXXXXXXXXXXXXXXXXXXXXXXXX 9999999
07	518	51801XX
08	519	5190200000010000001000000100000010000000000000000000010000001

No = Consecutive segment number

8 Appendix