Despatch Advice Message VDA4913 for Magna Steyr Graz

N10081-4

Standard

Supersedes Edition 05.2010

Purpose

This standard describes the specifications of Magna Steyr Graz for suppliers concerning the usage of → VDA4913 for the Despatch Advice Message.

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1 Message Definition

1.1 Principles

The Despatch Advice Message intends to:

- advise the recipient (consignee) of the despatch of goods and to provide the details regarding the content of the consignment.
- allow the recipient (consignee) to track material shipments and to prepare the physical receipt of the consignment.

An Despatch Advice can relate to:

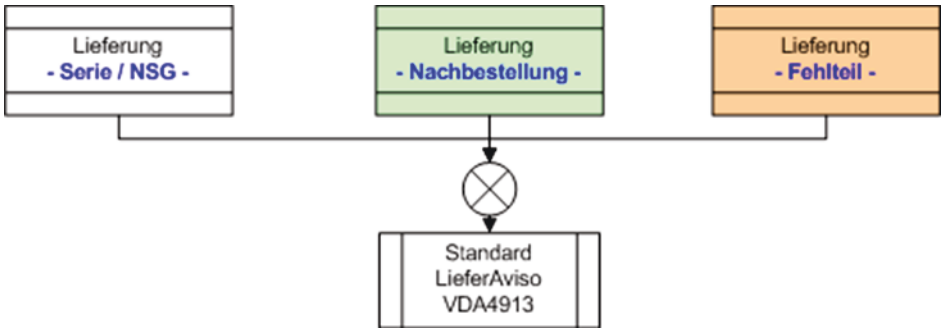
- different articles which may be packed differently (as instructed or agreed).
- articles covered by different delivery schedule and/or stock status messages.

The Despatch Advice Message must always include the transportation information (e.g., weight, means of transport, etc.) related to the load advised.

As the information transmitted in the Despatch Advice Message is vital to ensure an efficient receipt of the material at the receiving plant and since, whenever a consolidator is involved, this information needs to be consolidated with other messages.

Therefore it is mandatory that the Despatch Advice Message is sent immediately after the departure of the material.

1.2 ASN – variants



1. Serial ASN
2. Reorder-ASN
3. Missing-parts ASN

All variants of ASN have the same content, they just have different values in the datafield „code usage“ in record 714.

1.2.1 Premises for JIS and LJIS5000 Long distance JIS (LDJIS)

- For each packaging there has to be one shipping note generated.
- Each part number and order number has to be one ASN position.
- Order number and storing position identifier:
  - Order numbers are to be transmitted to referred part numbers according to JIS call off.
  - Storing position identifier has to be transmitted additionally to packaging sequence identifier & order number
- For each packaging a packaging sequence identifier has to be transmitted (either according to JIS call off or generated by supplier).

1.2.2 Premises for LDJIS-TOP (Long-Distance-Just-In-Sequence with High-, Medium- and Low-Runner)

- For each record 714 a record 716 has to be transmitted, including following data:
  - Parts-bundle-ID
  - Module / Group
  - Packaging sequence number

Example for records 714/716

714			716	
Part number	**Quantity**		**Parts-bundle-ID**	**Packaging seq-no**
123456	4		4711	1
123456	4		4711	2
123456	4		4711	3
123456	4		4711	4
123456	4		4712	5
123456	4		4712	6
123456	4		4712	7
123456	4		4712	8
456123	6		0815	9
456123	6		0816	10
456123	6		0817	11
456123	6		0818	12

1.3 References

The content of this message is based on:

- the message structure as defined by VDA for the Despatch Advice Message → VDA4913.
- the message structure defined by Magna Steyr Graz (MSG) and described in this document follows as close as possible to the structure of the → VDA4913 message.
- the agreement between the trading partners on the data elements to be used, their unique definition, their representation and their values (encoded or clear form) as identified in this document.

1.4 Field of Application

The following definition of an Despatch Advice Message in VDA format is applicable for the interchange of shipping instructions issued by MSG for material deliveries to one or more MSG operations.

2 Message Description

Following pages contain a full description of the → VDA4913 message as implemented by MSG. The VDA description is complemented with remarks pertaining to the specific requirements for an interchange with MSG. Those remarks contain specific code values used, additional information on the values shown in a specific field, etc.

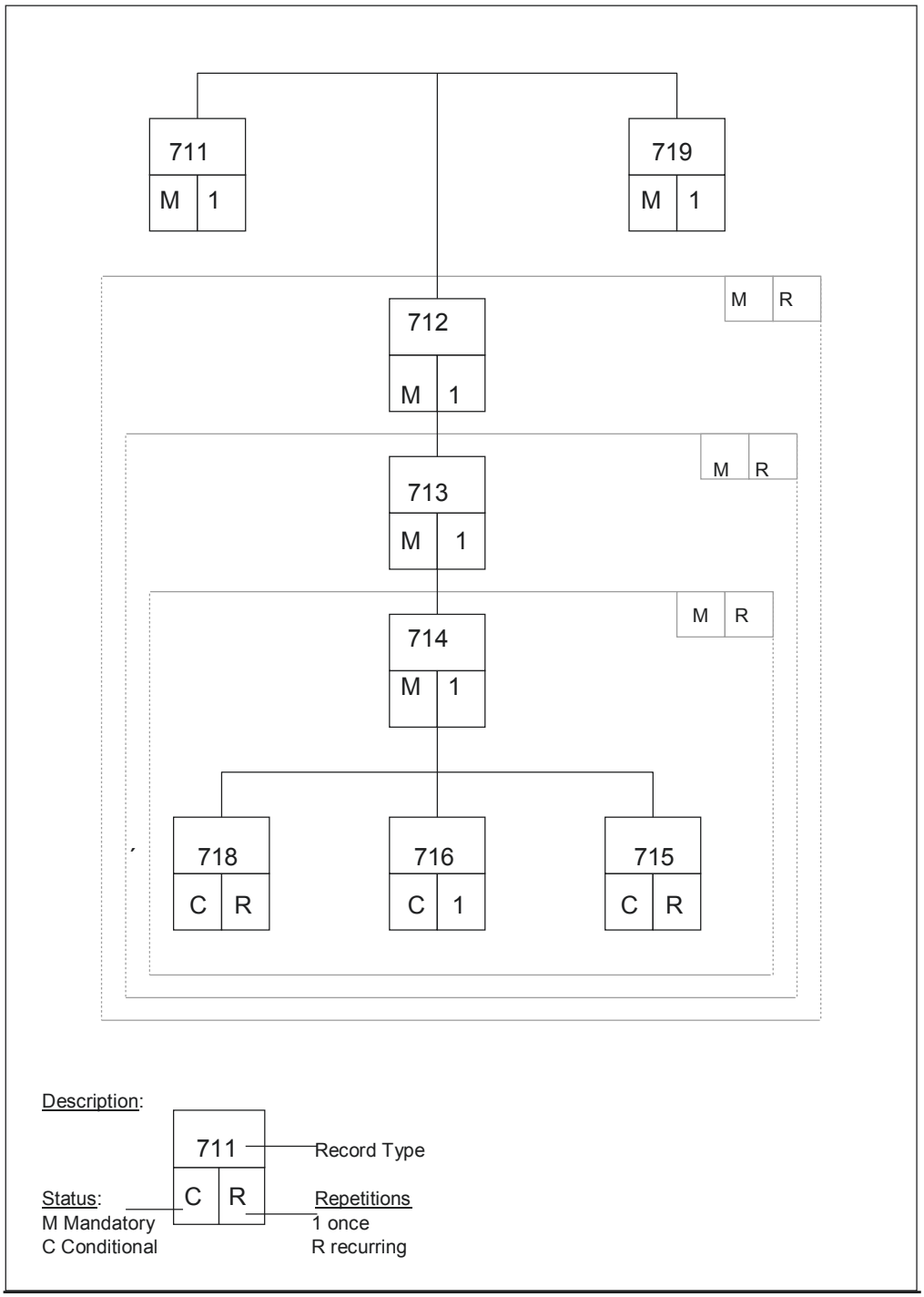
2.1 Segment Table

The following table shows all record-types as defined in the → VDA4913 message. **Shaded areas identify the record-types that are not used in the definition of → VDA4913 used by MSG.** This table should be read in conjunction with the branching diagram.

Record-Type	Content	Status	Occurrence
711	Interchange Header	M	1
712	Data of Transport	M	R
713	Despatch Note Data	M	R
714	Article Data	C	R
715	Packaging Material Data	M	R
716	Text Data	C	R
717	Individual Packaging Data	C	R
718	Production-Numbers	C	R
719	Interchange Trailer	M	1

2.2 Branching Diagram

The branching diagram shows the structure of the message. It is a combination of record types that are organized in a certain hierarchical order. Only segments of the message that are used by MSG are shown in the following branching diagram.



2.3 Message Structure

The message structure illustrates how the segments can be repeated in a → VDA4913 transmission to accommodate the requirements defined by MSG.

2.3.1 Standard – direct shipment

711					Interchange Header
	712				Data of Transport
		713			Despatch Note Data
			714		Article-Data
				716	Text-Data (eg. Engineering Change Level, Coil information)
				715	Packaging Material
				715	Packaging Material
			714		Article-Data
				716	Text-Data
				715	Packaging Material
			…		< further elements >
		713			Despatch Note Data
			714		Article Data
				716	Text-Data
				715	Packaging Material
719					Interchange Trailer

2.3.2 JIS / LDJIS / LDJIS-TOP

711					Interchange Header
	712				Data of Transport
		713			Despatch Note Data
			714		Article-Data
				718	Production Numbers
				718	Production Numbers
				716	Text-Data JIS/LDJIS/LDJIS-TOP
				715	Packaging Material
				715	Packaging Material
			714		Article-Data
				718	Production Numbers
				716	Text-Data JIS/LDJIS/LDJIS-TOP
				715	Packaging Material
			…		< further elements >
		713			Despatch Note Data
			714		Article Data
				718	Production Numbers
				716	Text-Data JIS/LDJIS/LDJIS-TOP
				715	Packaging Material
719					Interchange Trailer

3 Record-Type Description

The appearance resp. layout of the following record type description is based and leaned on the VDA-description to simplify the reading of this document.

Following remarks are valid for all of the further described record-types:

- Fields not used by MSG are grey shaded.
- Numeric-fields have to be right-aligned with preceding zeros. These fields do not contain decimals unless otherwise specified in the field-explanation.
- Alphanumeric-fields have to be left-aligned unless otherwise specified in the field-explanation.
- Column “VDA M/C” shows the information if a data-field is mandatory (“M”) or conditional (“C”) defined in the → VDA4913 description.
- Column “MSG M/C” shows the information if a data-field is mandatory (“M”) or conditional (“C”) for the usage with MSG. If a field is handled different to the VDA-standard the content is shown bold.
- Column “Feature” defines possible content of a data-field.

3.1 Record Type 711

Record Types	Item	Element	VDA M/C	MSG M/C	Length	Type	from- to	Feature	Description
711	01	Record Type	M	M	3	N	1-3	711	
	02	Version No.	M	M	2	N	4-5	03	
	03	Data – Receiver No.	M	M	9	A	6-14		ID which has to be arranged between the receiver and the sender of the data.
	04	Data – Sender No.	M	M	9	A	15-23		ID which has to be arranged between the sender and the receiver of the data.
	05	Old Transmission No.	M	M	5	N	24-28		See Item 06 (New Transmission Number) At the first transfer, Old Transmission Number = New Transmission Number
	06	New Transmission No.	M	M	5	N	29-33		The data author allocates a Transmission Number within his application for each transmission creating process (e.g.: delivery schedule, despatch advice,…). It is not allowed to use the entry “00000”. Because the data author gives a new transmission number each time, as well as that of the previous transmission creation process within the application used (as old number), the receiver can check the completeness of the transmissions in each application. Therefore no complete ascending number sequence is necessary.
	07	Transmission Data	M	M	6	N	34-39		Date of the EDI transmission. Format: YYMMDD
	08	Sub-supplier No.	C	C	9	A	40-48		Used by MSG in case of special handlings. ID of the subcontractor assigned by MSG.
	09	Carrier No.	C	C	9	A	49-57		
	10	Key to stockist	C	C	1	A	58	Blank, 1, S	Encoded form: Blank = EDI generated by supplier; 1 = EDI generated by EDL (External Logistic Provider); S = EDI generated by carrier;
	11	Delivery Code	C	C	1	A	59	Blank, J, E	Encoded form: Blank = standard; J = JIT-delivery E = express-delivery
	12	Empty	M	M	69	A	60-128	Blanks	

3.2 Record Type 712

Record Types	Item	Element	VDA M/C	MSG M/C	Length	Type	from- to	Feature	Description
712	01	Record Type	M	M	3	N	1-3	712	
	02	Version No.	M	M	2	N	4-5	03	
	03	Shipment Load Reference No.	M	M	8	N	6-13		Must be identical with the bill of lading in the corresponding Forwarding Instruction. The reference number, which the loader allocates to the shipment/load. Reuse of this number is not allowed within a year. For the Shipment Load Reference No. only below mentioned restrictions are valid. The supplier generates for each unloading point separate Delivery Notes. For each Unloading Point a separate Forwarding Instruction has to be generated, on which all Delivery Notes are listed. On every Forwarding Instruction one Shipment Load Reference No. has to be entered. This means that, for each Unloading point one Shipment Load Reference No. will be generated.
	04	Plant Supplier	C	**M**	3	A	14-16		Supplier plant where the shipment is delivered from. The transmitted plant codes are assigned by the supplier. Valid plant codes have to be communicated to MSG before they are send in the EDI message.
	05	Carrier No.	M	M	14	A	17-30		Identification of the carrier who is responsible for the physical transportation. Only in cases, where no Identification is designed, the Name of the Carrier has to be filled in.
	06	Carrier Transfer - Date	M	M	6	N	31-36		Date of shipment transfer to the carrier. Format: YYMMDD
	07	Carrier Transfer- Time	M	M	4	N	37-40		Time of shipment transfer to the carrier. Format: HHMM
	08	Shipment Weight Gross	M	M	7	N	41-47		Weight of goods including packaging and/or loading equipment excluding the carriers' containers (instruction from bill of lading). **Unit of quantity=[kg];** The field content must be equal to the given weight on the bill of lading.
	09	Shipment Weight Net	C	C	7	N	48-54		Goods weight including packaging without loading equipment and carriers' containers. **Unit of quantity=[kg]**

Record Types	Item	Element	VDA M/C	MSG M/C	Length	Type	from- to	Feature	Description
712	10	Pre-Payment of Charges Key	C	**M**	2	N	55-56		Indicates who pays the freight charges. Encoded form: Annex 10, Item 01
	11	Carrier Transmission Key	C	C	1	A	57		
	12	Number of Packages	C	**M**	4	N	58-61		Total of all packing units contained in the shipment. e.g. 1 load unit = 1 packing unit.
	13	Transport Partner Identification	C	C	14	A	62-75		**Mandatory if the transport partner was assigned by MSG**. ID(max. 9 char.) of the authorized transport partner/private parcel service requested by MSG. The content has to be identical with the freight forwarder number in the corresponding routing instructions. ID, 9 digits, or name of the freight forwarder.
	14	Key to means of transport	M	M	2	N	76-77		Encoded form: Annex 10, Item 02; If none of the listed codes is applicable and the goods are delivered in a container or swap body, code “01” is suitable.
	15	Means of transport No.	M	M	25	A	78-102		Identification for the selected means of transportation or cargo manifest stated in item 14. In the case that code means of transportation = 01 (transportation by truck), following combinations in the field content are valid: 1. License plate of the vehicle and trailer 2. License plate of the semi trailer. 3. License plate of the vehicle & swap body number. 4. License plate of vehicle and Container number. License plates, container numbers and other identifications must be completed without blanks. If the field content is a combination of license plate/container number/trailer number/…, between each identification has to be put a blank.
	16	Code for Item 17	C	C	1	A	103	Blank, 2	Encoded form: Blank = no information 2 = item 17 contains the license plate of the vehicle of transportation (trailer). This is only allowed, if the content of item14 is “02” (for cargo manifest).
	17	Content in accordance with Item 16	C	C	8	A	104-111		See description Item 16

Record Types	Item	Element	VDA M/C	MSG M/C	Length	Type	from- to	Feature	Description
712	18	Target Arrival Date	C	C	6	N	112-117		Date when the arrival of the shipment is expected by MSG. The content has to be in line with the Date in the corresponding delivery schedule, part number and plant. Format: YYMMDD
	19	Target Arrival Time	C	C	4	N	118-121		Time when the arrival of the shipment is expected by MSG.
	20	Load metre	C	C	3 (2,1)	N	122-124		Declaration of the occupied meter on the loading area; 1 decimal
	21	Truck Type Code	C	C	1	N	125		Encoded form: Annex 10, Item 10
	22	Empty	M	M	3	A	126-128	Blanks	

3.3 Record Type 713

Record Types	Item	Element	VDA M/C	MSG M/C	Length	Type	from- to	Feature	Description
713	01	Record Type	M	M	3	N	1-3	713	
	02	Version No.	M	M	2	N	4-5	03	
	03	Delivery Note No.	M	M	8	N	6-13		ID that the supplier assigns to a delivery note and may not be reused within a year.
	04	Despatch Date	M	M	6	N	14-19		The date when the shipment leaves the shipping plant. Format: YYMMDD
	05	Point of Unloading	M	M	5	A	20-24		The point at the plant of MSG, encoded, where the goods have to be unloaded. Has to be in line with the information in the corresponding delivery schedule.
	06	Despatch Type	M	M	2	N	25-26		Encoded form: Annex 10, Item 03
	07	Customer	C	C	4	A	27-30		
	08	Contract/Order No.	C	C	12	A	31-42		ID of a contract/order assigned by MSG. Necessary in case of individual order or delivery schedule. Has to be in line with the information in the corresponding delivery schedule. **Mandatory in the case of individual order**
	09	Process Code	C	C	2	N	43-44		Only for EDL use! Encoded form: Annex 10, Item 09
	10	Empty 1	M	M	4	A	45-48	Blanks	
	11	Customer Plant	M	M	3	A	49-51		The MSG plant in coded format where the goods have to be delivered. Has to be in line with the information in the corresponding delivery schedule.
	12	Consignment	C	C	8	N	52-59		Reference number of the consignment delivery note number from MSG.
	13	Consignee	C	C	9	A	60-68		Number consignee if it is different to the customer number of MSG. (Important for EDL)
	14	Empty 2	M	M	1	A	69	Blanks	
	15	Customer Storage Location	C	C	7	A	70-76		Only for deliveries synchronous to production (PAB-despatch-note)! Name of the PAB-Group.
	16	Supplier No.	M	M	9	A	77-85		Only for EDL use! ID of the supplier assigned by MSG.
	17	Point of Assembling	C	C	14	A	86-99		Location at plant of MSG, where the goods will be used.
	18	Delivery Schedule No.	C	C	4	A	100-103		Deliver schedule number for individual order.
	19	Customer	C	C	6	A	104-109		
	20	Customer Document Number	C	C	14	A	110-123		
	21	Empty 3	M	M	5	A	124-128	Blanks	

3.4 Record Type 714

Record Types	Item	Element	VDA M/C	MSG M/C	Length	Type	from- to	Feature	Description
714	01	Record Type	M	M	3	N	1-3	714	
	02	Version No.	M	M	2	N	4-5	03	
	03	Customer Part-Number	M	M	22	A	6-27		Identification of part number assigned by MSG. Has to be in line with the part number in the corresponding delivery schedule and plant. The identification of part number has to be filled in without revision state
	04	Supplier Part-	M	**C**	22	A	28-49		Identification of part-no.assigned by the suppl.
	05	Country of Origin	M	M	3	N	50-52		Coded format: Annex 10, Item 04
	06	Delivery Quantity 1	M	M	13 10,3)	N	53-65		Right-aligned with leading zeros; 3 decimals
	07	Unit of Quantity 1	M	M	2	A	66-67		The field content must have the same dimens-ions resp. size as the corresponding delivery schedule. Encoded form: Annex 10, Item 05
	08	Delivery Quantity 2	C	C	13 (10,3)	N	68-80		
	09	Unit of Quantity 2	C	C	2	A	81-82		
	10	VAT Rate	C	C	3 (2,1)	N	83-85		Using after arrangement a credit memo proced. Right-justified, with leading zeros; 1 decimals.
	11	Empty 1	M	M	1	A	86	Blank	
	12	Delivery Note Item Number	M	M	3	N	87-89		Item number on a delivery note. Right aligned with leading zeros. Valid range is 001-999
	13	Delivery Sched. Key	C	C	1	A	90		Encoded form: Annex 10, Item 06
	14	Batch Number	C	C	15	A	91-105		Identification of a batch assigned by the supplier. Mandatory if an article position of a delivery schedule is divided into several deliveries. In this case all partly deliveries of the concerned part number must have the same batch number.
	15	Code Usage	M	M	1	A	106		Encoded form: Annex 10, Item 07 S = series in general Z = additional need ("Zusatzbedarf") X = other (Fehlteil)
	16	Hazardous substances Code	C	C	8	A	107-114		Regulation on the transportation of dangerous goods; 107-110 = Class 111-112 = Digit 113-114 = Character
	17	Preference Status	M	M	1	A	115		Encoded form: Annex 10, Item 08
	18	Dutiable Goods	M	M	1	A	116	Blank, 1	Encoded form: Blank = No dutiable goods 1 = Dutiable goods
	19	Empty 2	M	M	1	A	117	Blank	

Record Types	Item	Element	VDA M/C	MSG M/C	Length	Type	from- to	Feature	Description
714	20	Inventory Status	M	M	1	A	118	Blank, 1	Only for EDL use! Blank = free 1 = locked, transmission per status
	21	Modified Version Codes	M	M	2	A	119-120	Blank, G, T	Coded format; Blank = no information 1st digit = G 2nd digit = T (T = obligatory for all series parts, excluding standard parts)
	22	Original Delivery Note Number	C	C	8	A	121-128		Only for EDL use! Original delivery note number of the supplier.

3.5 Record Type 715

Record Types	No.	Element	VDA M/C	MSG M/C	Length	Type	from- to	Feature	Description
715	01	Record Type	M	M	3	N	1-3	715	
	02	Version No.	M	M	2	N	4-5	03	
	03	Customer Packaging Type coded	M	M	22	A	6-27		Identification number of the packaging material assigned by MSG. Non-returnable-packaging: MSG has defined non-returnable packaging for the case, that goods will be delivered in packaging, that are not defined between MSG and the supplier. MSG expects from his supplier to use this definitions in the case of non-returnable packaging. Encoded form: Annex 10, Item 11 The description for the usage of non-returnable-packaging can also be found on the MSG-supplier-homepage!
	04	Supplier Packaging Type coded	M	**C**	22	A	28-49		ID of the packaging type assigned by the supplier.
	05	Number of	M	M	13	N	50-62		Number of packaging for each type
	06	Delivery Note Item Number	M	M	3	N	63-65		Item number on a delivery note. The content of this field should be in the item number of record type 714, applying to the packaging type.
	07	Filling Capacity	C	**M**	13 (10,3)	N	66-78		Effective quantity of the part number in the package. Unit according the correlating record type 714.
	08	Package Unit Number FROM	C	C	9	A	79-87		Number may not be reuses within one iyear.
	09	Package Unit Number TO	C	C	9	A	88-96		Left justified, Number may not be reused within one year. If this element is used then, "Packing unit from" and "packing unit to" must be numbered in ascending order serially.
	10	Packaging Dimensions	C	C	12	N	97-108		Specification shown in millimetre; length (4), width (4), height (4),
	11	Stacking Factor	C	C	1	N	109	1, 2	Indication of the permitted stacking capability for the packaging. 1 = single layer 2 = two layers, etc
	12	Warehouse Delivery schedule Number	C	C	15	A	110-124		

Record Types	No.	Element	VDA M/C	MSG M/C	Length	Type	from- to	Feature	Description
715	13	Label Indicator	C	C	1	A	125	Blank, G, M, S	Barcode indicator of the label according to → VDA4902. Valid Entry: G = mixed packages (with sub-packages and different references) M = Master Label (with sub-packages and the same reference numbers) S = Single Label (1package)
	14	Packaging Code	C	C	1	A	126	Blank, M, E	Valid Entry: Blank = returnable packaging M = returnable packaging E = non-returnable packaging
	15	Property Code	C	C	1	A	127	Blank, K, L, D	Declaration in the case of returnable packaging. Valid Entry: Blank = undefined K = returnable packaging, property of customer L = returnable packaging, property of supplier, must be returned D = returnable package belonging to a third party, must be returned
	16	Empty	M	M	1	A	128	Blank	

3.6 Record Type 716 (Standard)

Record Types	Item	Element	VDA M/C	MSG M/C	Length	Type	from- to	Feature	Description
716	01	Record Type	M	M	3	N	1-3	716	
	02	Version No.	M	M	2	N	4-5	02	
	03	Text 1	M	M	40	A	6-45		Engineering Change Level if a "T" was entered in Record Type 714 Item 21
	04	Text 2	C	C	40	A	46-85		
	05	Text 3	C	C	40	A	86-125		
	06	Empty	M	M	3	A	126-128	Blanks	

3.6.1 Record Type 716 - (JIS / LDJIS 5000 & JIS 5000/ LDJIS- TOP only)

Record Types	Item	Element	VDA M/C	MSG M/C	Length	Type	from- to	Feature	Description
716	01	Record Type	M	M	3	N	1-3	716	
	02	Version No.	M	M	2	N	4-5	02	
	03	Text 1	M	M	40	A	6-45		See A) only relevant for LDJIS-TOP
	04	Text 2	C	C	40	A	46-85		See B) only relevant for LDJIS-TOP
	05	Text 3	C	C	40	A	86-125		See C) used for LDJIS & LDJIS-TOP
	06	Empty	M	M	3	A	126-128	Blanks	

A) Text 1 Parts-Bundle-Information (TBV) - (maximum length 40 digits):

This field contains the information of “Parts-Bundle-Prefix” and “Parts-Bundle-Number” has to be printed by the supplier on the sequence label as a barcode (e.g. **U123456789**).
Only relevant for the LDJIS-TOP process !

Name	Type	Length	From-to	Example
Type	A	3	1-3	TBV
Separator 1	A	1	4	:
Parts-Bundle-Prefix	A	1	5	U
Module (PAB group)	A	6	6-11	MOTORX
Seperator 2	A	1	12	+
Parts-Bundle-Number	A	10	13-22	123456789

Example: TBV:UMOTORX+1234567890

B) Text 2 Packing-Information (maximum length 7 digits):

This field contains the information of the packaging type.
Only relevant for the LDJIS-TOP process !

Name	Type	Length	from - to	Example	
Type	A	3	1-3	PAC	
Separator	A	1	4	:	
Packaging-Type	A	2	5-6	01	
Quantity per Package	A	1	7	6, A	*

Example: “PAC:016”, “PAC:01D”

(*) If “quantity per package” is more than 9, letters are used (e.g. A=10, B=11, C=12, D=13 aso).

C) Text 3 Packaging-Sequence-Information (maximum length 40 digits):

This field contains the information about the packaging sequence number / rack ID relevant for the LDJIS & LDJIS-TOP process. If sent in the JIS call the packaging sequence number / rack ID need to be returned in the according delivery notification. Orders with the same ID are expected to be shipped in the same rack.

Name	Type	Length	From-to	Example JIS5000 Top		Example JIS5000
Type	A	3	1-3	PAS		PAS
Separator 1	A	1	4	:		:
Prefix	A	1	5	R		J
Product-Flag	A	1	6	e.g. X		e.g. X
Separator 2	A	1	7	+		+
Module (PAB group)	A	6	8-13	e.g. MOTORX		e.g. KPX
Separator 3	A	1	14	+		+
HML-version	A	4	15-18	e.g. H001	*	
Separator 4	A	1	19	+		+
Year of production	A	2	20-21	09		YY
Packaging sequence no.	N	6	22-27	000001	**	With change of calendar year, the number starts again with 1. For missing-parts delivery value „Missing part“ is required.
Separator 5	A	1	28	+		
Status of packaging	A	1	29	L, T	***	
Separator 6	A	1	30	+		+
Reorder	A	1	31	N		N
Separator 7	A	1	32	+		
Change-Flag	A	1	33	A		Not relevant, due to packaging sequence number is an identifier.

Example 1: LDJIS: PAS:JX+SPRR60++15004081

Example 2: LDJIS-TOP: PAS:RX+MOTORX+H001+06000001+++ (= High-Runner)

Example 3: LDJIS-TOP: PAS:RX+MOTORX+L001+06000001+L++ (= Low-Runner, partly filled)

(*) Description of string “HML-version”:

Hxxx……High runner
Mxxx……Medium runner
Lxxx……Low runner
Nxxx……Reorder
Sxxx……Special order

Example: PAS:RX+MOTORX+**H001**+06000001

(**) Description of string “packaging sequence no”:
Data value is right justified and filled with zeros.

Example: PAS:JX+SPRR60++15**004081**

(***) Description of string “Empty / partially filled packaging”:
L……packaging is not completely filled (e.g. one modul is missing)
T……packaging is partially reordered

Example: PAS:RX+MOTORX+L001+06000001+**L**

(****) Description of string “change-flag”:

3.6.2 Record Type 716 (specific project information)

Record Types	Item	Element	VDA M/C	MSG M/C	Length	Type	from- to	Feature	Description
716	01	Record Type	M	M	3	N	1-3	716	
	02	Version No.	M	M	2	N	4-5	02	
	03	Text 1	M	M	40	A	6-45		See project specific agreement
	04	Text 2	C	C	40	A	46-85		See project specific agreement
	05	Text 3	C	C	40	A	86-125		See project specific agreement
	06	Empty	M	M	3	A	126-128	Blanks	

If needed additional information will be provided in a side letter

3.6.3 Record Type 716 (Colored parts information - part number customer exceeds 22 digits)

Color and version information is integrated normally in the part number customer, segment 664/03. If the part number custumer exceeds 22 digits, the part number customer is split: color code and version code are shown in this segment:

Record Type	No.	Element	VDA M/C	MSG M/C	Length	Type	from- to	Feature	Description
716	01	Record Type	M	M	3	N	1-3	716	
	02	Version No.	M	M	2	N	4-5	02	
	03	Text 1	M	M	40	A	6-45		Engineering Change Level if a "T" was entered in Record Type 714 Item 21
	04	Text 2	C	C	40	A	46-85		Free Text
	05	Text 3	C	C	40	A	86-125		See A.)
	06	Empty	M	M	3	A	126-128	Blanks	

A) Text 3 color and version

Name	Type	Length	from - to	Example
Qualifier Color	A	2	86 - 87	F
Blank	A	1	88	
Color-code	N	6	89-94	3F98
Blank	A	11	95-105	
Qualifier version	A	2	106-107	A
Blank	A	1	108	
Version	N	6	109-114	1234
Blank	A	12	114-125	

Examples:

a) Partnumber Compliment_2(Color) and Partnumber Compliment_1(Version)

71602EZL56W FREE TEXT F 3F98 A 1234

b) only Partnumber Compliment_2(Color)

71602EZL56W FREE TEXT F 3F98

c) only Partnumber Compliment_1(Version)

71602EZL56W FREE TEXT A 1234

3.6.4 Record Type 716 (Alodine and Coil – Date only)

Record Type	No.	Element	VDA M/C	MSG M/C	Length	Type	from- to	Feature	Description
716	01	Record Type	M	M	3	N	1-3	716	
	02	Version No.	M	M	2	N	4-5	02	
	03	Text 1	M	M	40	A	6-45		Engineering Change Level if a "T" was entered in Record Type 714 Item 21
	04	Text 2	C	C	40	A	46-85		Free Text
	05	Text 3	C	C	40	A	86-125		See A.)
	06	Empty	M	M	3	A	126-128	Blanks	

A) Text 3 Alodine-Date und Coil-Date

Name	Type	Length	from - to	Example
Qualifier Alodine	A	2	86 - 87	AL
Blank	A	1	88	
Alodine Datum	N	6	89-94	090224
Blank	A	11	95-105	
Qualifier Coil	A	2	106-107	CO
Blank	A	1	108	
Coil Datum	N	6	109-114	090224
Blank	A	12	114-125	

Examples:

a) Alodine und Coil – Date

71602EZL56W Text Text Text AL 090207 CO 090208

b) just Alodine - Date

71602EZL56W Text Text Text AL 090207

c) just Coil - Date

71602EZL56W Text Text Text CO 090208

3.7 Record Type 718

Record Types	Item	Element	VDA M/C	MSG M/C	Length	Type	from- to	Feature	Description
718	01	Record Type	M	M	3	N	1-3	718	This record type must be transferred for deliveries synchronous to production.
	02	Version No.	M	M	2	N	4-5	02	
	03	Delivery Note Number	M	M	8	N	6-13		ID of the according delivery note. JIS & LDJIS: *Storing position identifier (*right allligned with left hand zeros*)*
	04	Production Number 1	M	M	10	A	14-23		Production Number 1, which means an ID synchronous to the production.
	05	Production Number 2	C	C	10	A	24-33		Production Number 2
	06	Production Number 3	C	C	10	A	34-43		Production Number 3
	07	Production Number 4	C	C	10	A	44-53		Production Number 4
	08	Production Number 5	C	C	10	A	54-63		Production Number 5
	09	Production Number 6	C	C	10	A	64-73		Production Number 6
	10	Production Number 7	C	C	10	A	74-83		Production Number 7
	11	Production Number 8	C	C	10	A	84-93		Production Number 8
	12	Production Number 9	C	C	10	A	94-103		Production Number 9
	13	Production Number 10	C	C	10	A	104-113		Production Number 10
	14	Production Number 11	C	C	10	A	114-123		Production Number 11
	15	Empty	M	M	5	A	124-128	Blanks	

3.8 Record Type 719

Record Types	No.	Element	VDA M/C	MSG M/C	Length	Type	from- to	Feature	Description
719	01	Record Type	M	M	3	N	1-3	719	
	02	Version Number	M	M	2	N	4-5	02	
	03	Record Type Counter 711	M	M	7	N	6-12		Number of Record Types 711 in message.
	04	Record Type Counter 712	M	M	7	N	13-19		Number of Record Types 712 in message.
	05	Record Type Counter 713	M	M	7	N	20-26		Number of Record Types 713 in message.
	06	Record Type Counter 714	M	M	7	N	27-33		Number of Record Types 714 in message.
	07	Record Type Counter 715	M	M	7	N	34-40		Number of Record Types 715 in message.
	08	Record Type Counter 716	M	M	7	N	41-47		Number of Record Types 716 in message.
	09	Record Type Counter 717	M	M	7	N	48-54		Number of Record Types 717 in message.
	10	Record Type Counter 718	M	M	7	N	55-61		Number of Record Types 718 in message.
	11	Record Type Counter 719	M	M	7	N	62-68		Number of Record Types 719 in message.
	12	Empty	M	M	60	A	69-128	Blanks	

4 Annex 10

Item	Code	Contents of Code		in the Record Type
01	Freight Prepayment			712 / Item 10
		01 = carriage forward (C/F) 02 = free place of destination 03 = franco domicile 04 = free Austrian border 05 = free receiving forwarder 99 = special freight prepayment (special arrangement)		
02	Means of Transportation			712 / Item 14
		01 = motor vehicle license plate 02 = cargo manifest number 06 = break bulk number 07 = express cargo number 08 = wagon number 09 = parcel number 10 = flight number and / or air way bill number 11 = name of the ship		
03	Despatch type			713 / Item 06
		01 = truck (subcontractor) 02 = truck customer 03 = truck forwarding agency 04 = truck rail 05 = truck own (supplier) 06 = rail freight	07 = rail express 08 = rail wagon 09 = postal item 10 = air freight 11 = sea freight 20 = private parcel service	
04	Country of Origin			714 / Item 05
		001 = France 002 = Belgium 003 = Netherlands 004 = Germany 005 = Italy 006 = United Kingdom 007 = Ireland 008 = Denmark 009 = Greece 010 = Portugal 011 = Spain 017 = Belgium 018 = Luxembourg 028 = Norway 030 = Sweden	036 = Switzerland 038 = Austria 053 = Estonia 054 = Latvia 055 = Lithuania 060 = Poland 061 = Czech Republic 063 = Slovakia 064 = Hungary 091 = Slovenia 400 = USA 404 = Canada 432 = Japan 600 = Cyprus 999 = other countries	

Item	Code	Contents of Code	in the Record Type
05	Unit of Quantity		714 / Item 07
		Among the numerous user specific units of quantity and measurement, only a specific selection comes into consideration in connection with the delivery schedule-procedure for the interface between MSG and the supplier so that the needed numbers (quantities) of the production material can be dimensioned: ST = piece ("Stück") M = meter M2 = square meter M3 = cubic meter L = litre T = ton KG = kilogram KM = kilometre G = gram MM = millimetre PA = pair (couple) SA = set ("Satz") TG = day ("Tag") SD = hour ("Stunde") All units of quantity oriented towards packaging, (e. g. dozen, gross, box, bag), are not admissible. A conversion – if nec., by assigning a new part-number – to the admissible unit of quantity is required. In this context, it is possible to state the "ME" ("Mengeneinheit" – unit of quantity) oriented towards packaging in the designation of the delivery or service.	
06	Delivery schedule Key		714 / Item 13
		Blank = normal delivery F = precise delivery schedule ("Feinabruf") (according to the VDA-Recommendation 4915) P = delivery schedule synchronous to production (according to the VDA-Recommendation 4916) At "P", the assigned Production Numbers must be transferred with the Record Type 718.	

Item	Code	Contents of Code	in the Record Type
07	Code Usage		714 / Item 15
		S = series in general E = spare-parts in general ("Ersatz") U = series and spare-parts ("Serie und Ersatz") V = test ("Versuch") P = pilot Z = additional need("Zusatzbedarf") M = first sample ("Erstmuster") Y = sample X = other Blank = without information	
08	Preferential Status		714 / Item 17
		G = Goods of EU origin ; all countries with preferential agreement W = Goods of EC origin ; preferential agreement for goods transportation within the EFTA states F = Finland A = Austria S = Sweden C = Switzerland N = Norway I = Iceland X -= not reviewed yet, no goods origin	
9	Process Code		713 / Item 09
		Blank = at a direct exchange of data between supplier and customer **For EDL use:** 30 = receipt of goods message from the EDL to the supplier 32 = damage in transit / loss / difference from EDL to the supplier 33 = return of goods message from EDL to the supplier 35 = actual stock of EDL to the supplier resp. customer 36 = departure of goods message from the EDL to the supplier 40 = despatch-advice from - the supplier to the EDL - the EDL to the customer	
10	Code for Truck Type		712 / Item 21
		1 = standard truck with/without trailer 2 = semi trailer 3 = Jumbo truck with/without trailer 4 = Jumbo semi trailer 9 = special truck, (e. g. tank truck)	

Item	Code	Contents of Code	in the Record Type
11	Packaging Coding		715 / Item 03
		For disposable and re-useable packaging Pallets: 0000PAL 120 x 80 cm, pallet up to 15 cm 0001PAL 120 x 80 cm, stacked up to 50 cm 0002PAL 120 x 80 cm, stacked up to 100 cm 0003PAL 120 x 80 cm, stacked up to 150 cm 0004PAL 120 x 80 cm, stacked up to 200 cm 0005PAL 120 x 100 cm, stacked up to 50 cm 0006PAL 120 x 100 cm, stacked up to 100 cm 0007PAL 120 x 100 cm, stacked up to 150 cm 0008PAL 120 x 100 cm, stacked up to 200 cm Boxes, crates, packets: 0000SCH no further details 0001SCH dimension up to 30 x 20 x 14 cm 0002SCH dimension up to 30 x 20 x 28 cm 0003SCH dimension up to 40 x 30 x 14 cm 0004SCH dimension up to 40 x 30 x 28 cm 0005SCH dimension up to 50 x 30 x 20 cm 0006SCH dimension up to 50 x 50 x 50 cm 0007SCH dimension up to 58 x 48 x 36 cm 0008SCH dimension up to 60 x 40 x 14 cm 0009SCH dimension up to 60 x 40 x 28 cm 0010SCH dimension up to 80 x 60 x 40 cm 0011SCH dimension up to 98 x 58 x 36 cm 0012SCH dimension up to 100 x 60 x 73 cm 0013SCH dimension up to 120 x 78 x 110 cm 0014SCH dimension up to 120 x 80 x 40 cm 0015SCH dimension up to 120 x 80 x 90 cm 0016SCH dimension up to 120 x 100 x 90 cm Other Packaging: 0000SON other disposable packaging, no further details 0001SON other disposable packaging >1 m³, no further details 0002SON other disposable packaging <1 m³, no further details 0000BEH other liquid container, packing drum, can, sealed tin container, tank, cargo container 0000FAS barrel, no further details 0000SAC bag, no further details 0000BLE sheet metal packaging, sheet metal coins >1 m³, 0000BUN bunches, no further details 0000UMR hoop, tightening strap, no further details	

5 Examples of Message

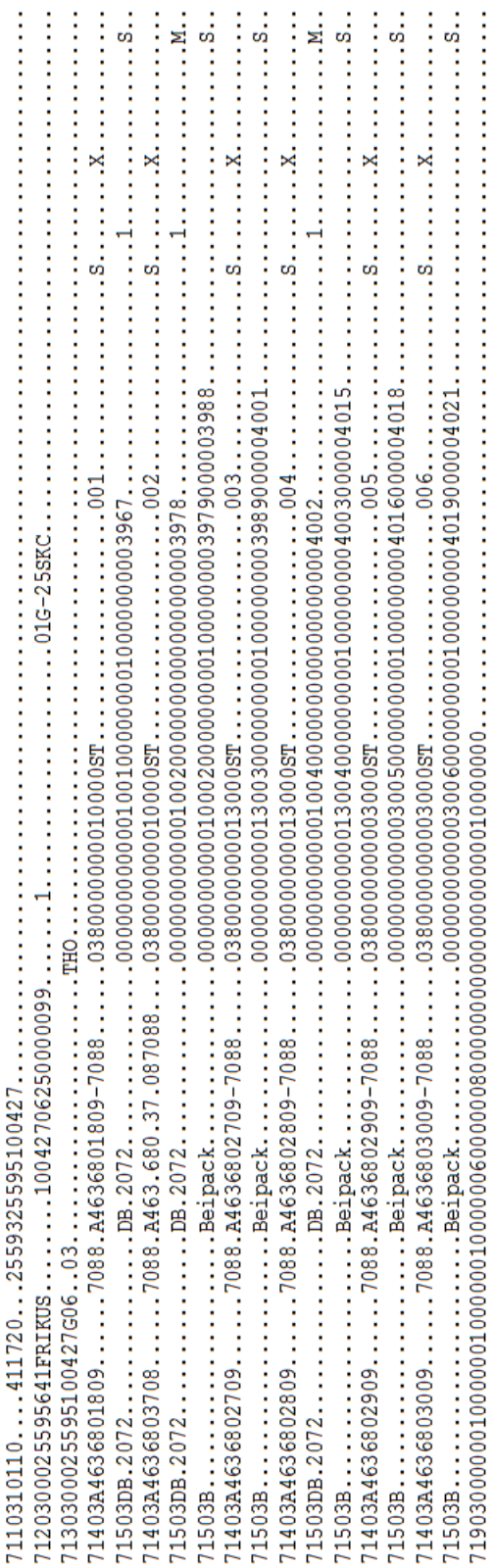
Following examples are only illustrative and do not necessarily reflect an existing situation. They may never be used as a basis for programming or implementing this message.

For ease of reading the following modifications have been done on the further shown examples:

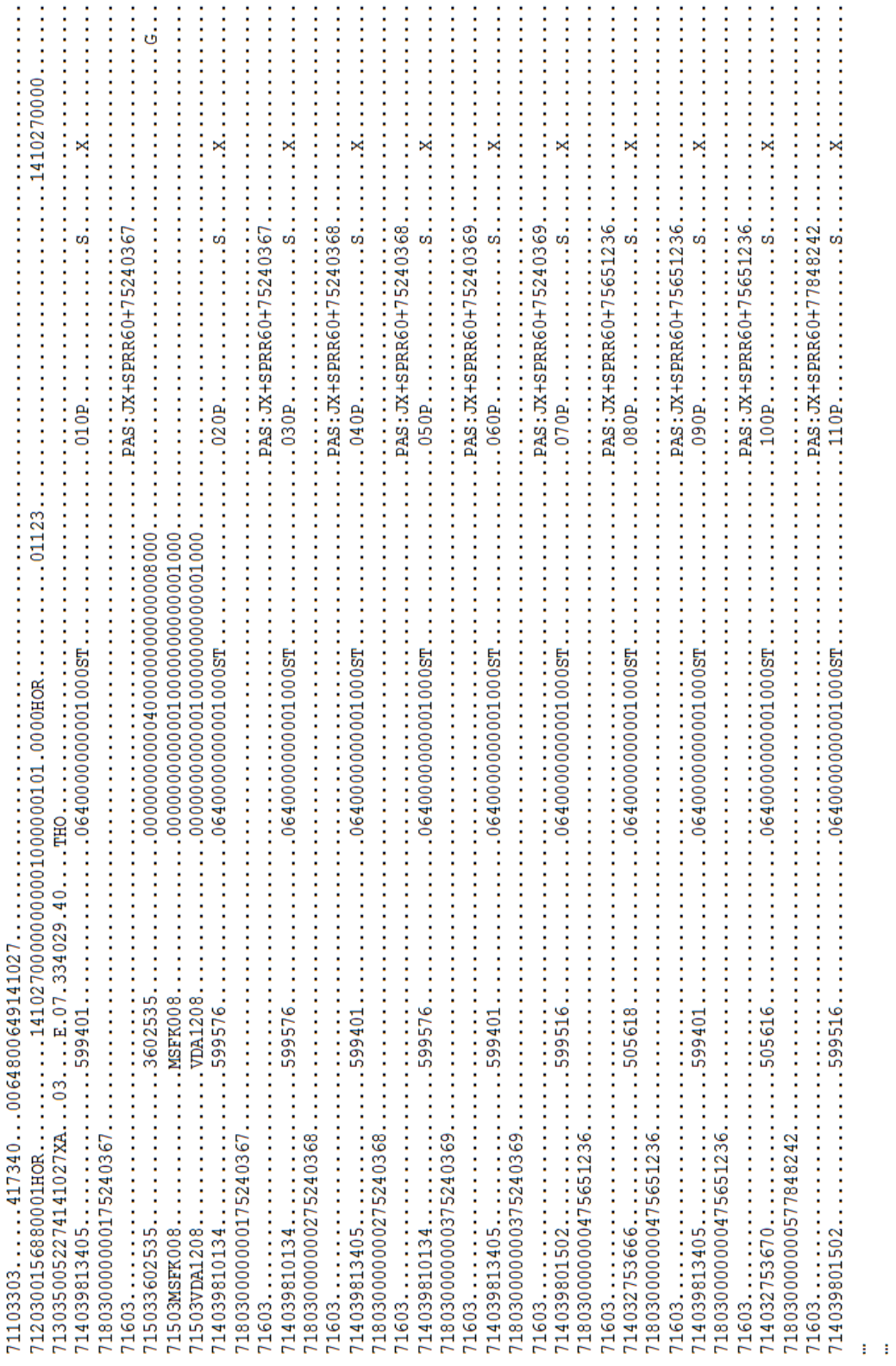
- a line-break has been inserted after each 128 characters
- each Blank has been replaced by a full-stop (“.”)

These modifications will not be the case if the message is normally transmitted.

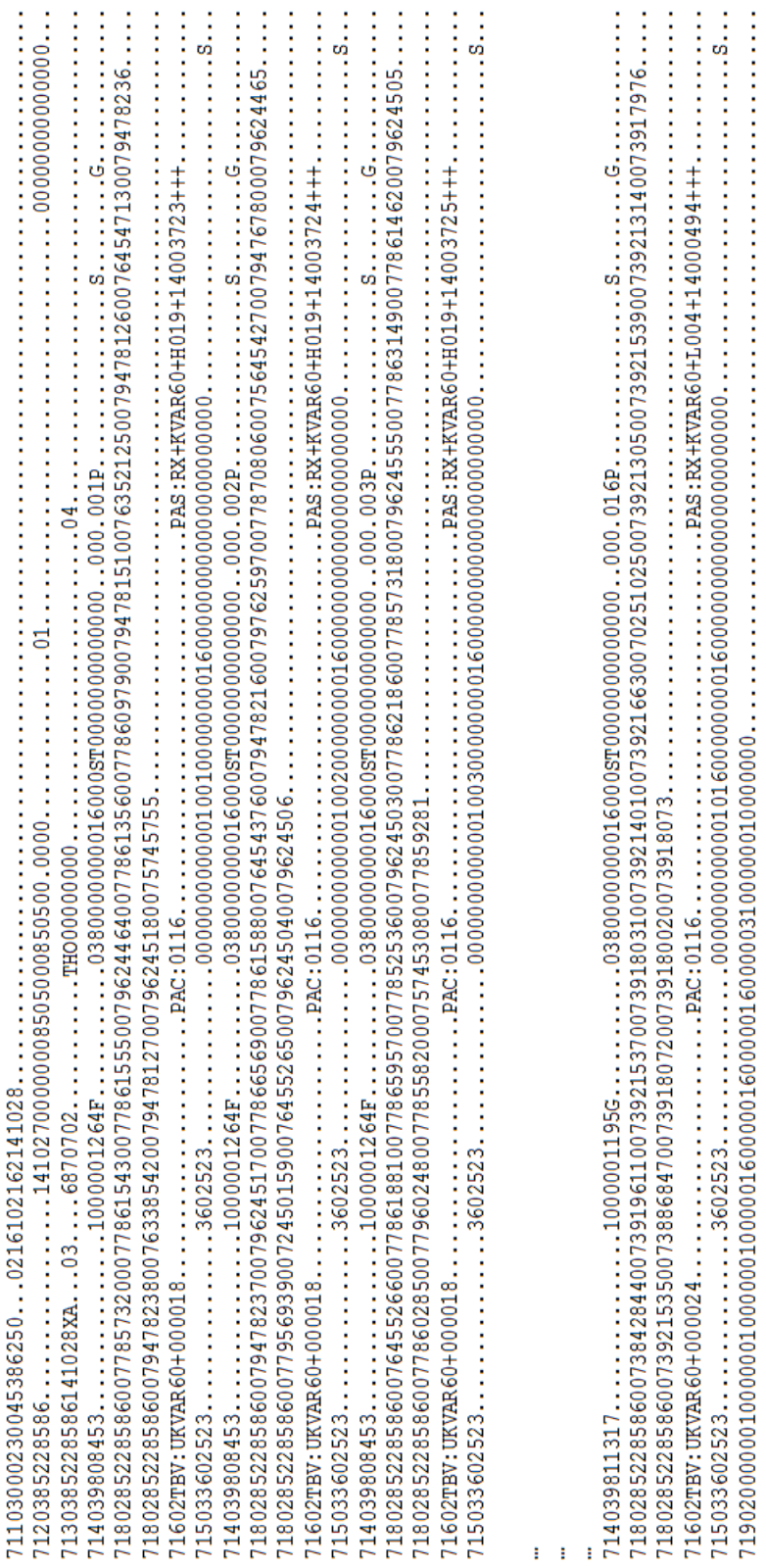
5.1 Standard - direct shipment



5.2 JIS & LDJIS (including packaging sequence number)



5.3 LDJIS-TOP



6 Revisions since previous version

Complete revision

7 List of abbreviations

Abbreviation	Description
ASN	Advanced Shipping Note
JIS	Just-In-Sequence
LDJIS	Long distance JIS
LDJIS-TOP	Long-Distance-Just-In-Sequence with High-, Medium- and Low-Runner
LJIS5000	Long distance JIS
MSG	Magna Steyr Graz
VDA	Verband der Automobilindustrie