

# *Delivery Forecast VDA 4905 v03*

## Document Change Log

Version	Date	Description
1.0	2010.08.10	Document issued.
1.1	2011.03.15	Plant Code List updated
1.2	2011.06.15	German Plant Codes updated
1.3	2011.11.22	Plant Codes Table: Deleted ATF, PSO. Added IGT, ITP. Fixed each Segment Version v01/v02.
1.4	2013.04.08	Supplier part number started to be informed at 512_09. Plant Code Table, Deleted: RMS, ITP. Added: AJC, CBT, CBS, IPA, SHA, SSB, STX, WHN, WHU, ZZH, PDG.
2.0	2013.11.15	Removed the list Plant Codes. Referenced to EDI Form

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## 1. INTRODUCTION

This document provides the specific description of the VDA 4905 v3 message.

## 2. MESSAGE DEFINITION

This document provides the definition of a Delivery Instruction Message, based on the VDA 4905 v3, to be used in Electronic Data Interchange (EDI) between a G.A. Operating Company and its Trading Partners.

This documentation is fully comprehensive and allows the implementation of the VDA 4905 without the necessity for any additional standard related documentation.

### 2.1. FUNCTIONAL DEFINITION

The Delivery Instruction message is a message from G.A. to a G.A. Supplier giving details for both short and long term material requirements in line with the conditions set out in the purchase contract.

This message may be used as planning forecast and shipping instruction.

### 2.2. PRINCIPLES

The Delivery Instruction message is intended to:

- Specify requirements based on the delivery conditions.
- Define the aspects that guarantee synchronisation between G.A. and the Supplier.
- Provide information allowing the Supplier to plan for future requirements, to purchase raw materials.

### 2.3. REFERENCES

The content of this message is based on:

- The message structure as defined by VDA for the Delivery Schedule Message 4905.
- The agreement between the Trading Partners on the data elements to be used, their unique definition, their representation and their values (coded or clear form) as identified in this document.
- Although the DELINS subset defined by ODETTE has been based on the EDIFACT D96.A Directory which is not upward compatible with the D96.A Directory, the subset defined by Antolin and described in this document follows as close as possible the structure of the ODETTE subset.

## 2.4. FIELD OF APPLICATION

The following definition of a Delivery Instruction Message in VDA format is applicable for the interchange of delivery instructions issued by G.A. for material deliveries to one or more G.A. Operations.

## 3. MESSAGE DESCRIPTION

The VDA4905 is a message, which is sent from a party who is planning the use or consumption of products to a party who has to plan for the supply of the products. The message gives the requirements regarding details for medium to long scheduling for products. The schedule is used to determine raw and fabrication material authorization. This is based on the terms and conditions defined in a purchase order or contract.

### 3.1. INTRODUCTION

#### 3.1.1. Basic information Planning Release

#### 3.1.2. Vendor code

The vendor code has been assigned centrally in Antolin SAP system. The different vendor codes have now been communized: each vendor code consists of a maximum five digit base.

#### 3.1.2. The receiving plant / Customer Plant Code

- All Antolin plants are identified by a 3-letters plant-code.
- All data on the release authorisation refer to plant and part number!
- The plant is transmitted in record-type 512, field 03 as a 3-letter code.
- It is absolutely essential that in every kind of documentation or data transmission the plant code and the part number are indicated!

**Record Layout of the Releasing Message  
and Description of the Data Elements with Antolin Requirements**

Record Type	<b>511</b>	<b>Ver. 01</b>				
Description: HEADER RECORD SUPPLIER RELEASING DATA						
Field	Format:	Definition	Length	C/M	Value	Notes
01	1-3	Type of Record	3	M	'511'	Constant
02	4-5	Version-Number	2	M	'02'	Constant
03	6-14	Customer Code	9	M		See <a href="#">EDI Communications Supplier Form</a> .
04	15-23	Supplier Code	9	M	'00000'	Supplier Code as determined by Antolin.
05	24-28	Transmission Number Old	5	M		Number of the last transmission
06	29-33	Transmission Number New	5	M		Number of this transmission; is incremented by 1 at each transmission
07	34-39	Transmission Date	6	M	020311	Format YYMMDD
08	40-45	Date for cumulative quantity received	6	K		Rollback date.
09	46-128	Blank	83	M		Filler

Record Type	512	Ver. 02				
Description: UNIQUE DATA ELEMENTS OF THE SUPPLIER RELEASE						
Field	Format:	Definition	Length	C/M	Value	Notes
01	1-3	Type of Record	3	M	'512'	Constant
02	4-5	Version-Number	2	M	'01'	Constant
03	6-8	Receiving Plant / Customer Plant Code	3	M	'GAN'	See <a href="#">EDI Communications Supplier Form</a> .
04	9-17	Release Number New	9	M	123456789	9 characters
05	18-23	Release Date New	6	M		Format YYMMDD. Date of release generation.
06	24-32	Release Number Old	9	C	123456789	9 characters, number of the last release
07	33-38	Release Date Old	6	C		Format YYMMDD. Date of the last release.
08	39-60	Customer Partnumber	22	M		Antolin Standard 123456789-00Z_Z
09	61-82	Supplier Partnumber	22	C		Informed if the GA facility setup it in the system.
10	83-94	Order Number / Finis-Code	12	C		Order Number
11	95-99	Receiving Location	5	M	'ALM'	Antolin length 3 characters, left justified, normally 'ALM'.
12	100-103	Book-Number	4	C		4 characters
13	104-105	Unit of Measurement	2	M		"ST" = Piece
14	106	Delivery Frequency Code	1	M	'L', 'T'	"L" as release dates are transmitted; "T" for daily delivery
15	107	Manufacturing Authority incl.	1	C		Production release
16	108	Material Authority incl.	1	C		Material release
17	109	Requirement Indicator	1	C	'S','E'	"S" for production material, "E" for service requirements.
18	110-116	Account	7	C		Additional key
19	117-123	Storage Location	7	C	'ALM'	Market place
20	124-128	Release Planning Group	5	M		Plant group to which the releasing plant belongs.

Record Type	513	Ver. 02				
Description: RECONCILIATION AND RELEASE DATA						
Field	Format:	Definition	Length	C/M	Value	Notes
01	1-3	Type of Record	3	M	'513'	Constant
02	4-5	Version-Number	2	M	'01'	Constant
03	6-11	Date of Last-Recorded-Receipt	6	C		Format YYYYMMDD. Date of the last recorded shipment.
04	12-19	Advice Note Number of Last Recorded Receipt	8	C		Advice note number of the last recorded shipment.
05	20-25	Shipment Date of Last Recorded Receipt	6	C		Shipment Data of Last Recorded Receipt
06	26-37	Quantity of Last Recorded Receipt	12	M		Quantity of the last recorded shipment
07	38-47	Cumulative Quantity	10	C		The year to date quantity achieved by the last recorded shipment.
08	48-53	Release Date 1	6	M		Format YYYYMMDD. Normally advises the date of shipment or schedule.
09	54-62	Required Quantity 1	9	C		Quantity for fulfillment of demand
10	63-68	Release Date 2	6	C		see 08
11	69-77	Required Quantity 2	9	C		see 09
12	78-83	Release Date 3	6	C		see 08
13	84-92	Required Quantity 3	9	C		see 09
14	93-98	Release Date 4	6	C		see 08
15	99-107	Required Quantity 4	9	C		see 09
16	108-113	Release Date 5	6	C		see 08
17	114-122	Required Quantity 5	9	C		see 09
18	123-128	Blank	6	M		Filler

Record Type	<b>514</b>	<b>Ver. 02</b>				
Description: ADDITIONAL REQUIREMENT						
Field	Format:	Definition	Length	C/M	Value	Notes
01	1-3	Type of Record	3	M	'514'	Constant
02	4-5	Version-Number	2	M	'01'	Constant
03	6-11	Release Date 6	6	M		see 08, record type 513
04	12-20	Required Quantity 6	9	C		see 09, record type 513
05	21-26	Release Date 7	6	C		see 08, record type 513
06	27-35	Required Quantity 7	9	C		see 09, record type 513
07	36-41	Release Date 8	6	C		see 08, record type 513
08	42-50	Required Quantity 8	9	C		see 09, record type 513
09	51-56	Release Date 9	6	C		see 08, record type 513
10	57-65	Required Quantity 9	9	C		see 09, record type 513
11	66-71	Release Date 10	6	C		see 08, record type 513
12	72-80	Required Quantity 10	9	C		see 09, record type 513
13	81-86	Release Date 11	6	C		see 08, record type 513
14	87-95	Required Quantity 11	9	C		see 09, record type 513
15	96-101	Release Date 12	6	C		see 08, record type 513
16	102-110	Required Quantity 12	9	C		see 09, record type 513
17	111-116	Release Date 13	6	C		see 08, record type 513
18	117-125	Required Quantity 13	9	C		see 09, record type 513
19	126-128	Blank	3	M		Filler

Record Type	<b>515</b>	<b>Ver. 02</b>				
Description:		ANTOLIN US DATA IN SUPPLIER RELEASE				
Field	Format:	Definition	Length	C/M	Value	Notes
01	1-3	Type of Record	3	M	'515'	Constant
02	4-5	Version-Number	2	M	'01'	Constant
03	6-11	Manufacturing Authority, Start-Date	6	C		Format YYMMDD.
04	12-17	Manufacturing Authority, End-Date	6	C		Format YYMMDD
05	18-27	Manufacturing Authority, Cum Requirement	10	C		
06	28-33	Material Authority Start-Date	6	C		Format YYMMDD,
07	34-39	Material Authority End-Date	6	C		Format YYMMDD,
08	40-49	Material Authority Cum Requirements	10	C		
09	50-71	FCSD-Partnumber	22	C		Engineering level.
10	72-80	Intermediate Consignee	9	C		
11	81-86	Horizon End Date	6	C		
12	97-128	Blank	42	M		Filler

Record Type	<b>517</b>	<b>Ver. 02</b>				
Description:		PACKAGING DATA				
Field	Format:	Definition	Length	C/M	Value	Notes
01	1-3	Type of Record	3	M	'517'	Constant
02	4-5	Version-Number	2	M	'01'	Constant
03	6-27	Packaging Code Customer	22	C		
04	28-49	Packaging Code Supplier	22	C		
05	50-56	Number of Parts per Pallet	7	C		Quantity in a delivery unit
06	57-128	Blank	72	M		Filler

Record Type	<b>518</b>	<b>Ver. 02</b>				
Description: RELEASE REMARKS SECTION						
Field	Format:	Definition	Length	C/M	Value	Notes
01	1-3	Type of Record	3	M	'518'	Constant
02	4-5	Version-Number	2	M	'01'	Constant
03	6-45	Release Text 1	40	C		Part description.
04	46-85	Release Text 2	40	C		Left-justified entry
05	86-125	Release Text 3	40	C		Left-justified entry
06	126-128	Blank	3	M		Filler

Record Type	<b>519</b>	<b>Ver. 01</b>				
Description: SUPPLIER RELEASE TRAILER RECORD						
Field	Format:	Definition	Length	C/M	Value	Notes
01	1-3	Type of Record	3	M	'519'	Constant
02	4-5	Version-Number	2	M	'02'	Constant
03	6-12	Record Counter Record Type 511	7	M		Number of transmitted records, record type 511
04	13-19	Record Counter Record Type 512	7	M		Number of transmitted records, record type 512
05	20-26	Record Counter Record Type 513	7	M		Number of transmitted records, record type 513
06	27-33	Record Counter Record Type 514	7	M		Number of transmitted records, record type 514
07	34-40	Record Counter Record Type 517	7	M		Number of transmitted records, record type 517
08	41-47	Record Counter Record Type 518	7	M		Number of transmitted records, record type 518
09	48-54	Record Counter Record Type 519	7	M		Number of transmitted records, record type 519
10	55-61	Record Counter Record Type 515	7	M		Number of transmitted records, record type 515
11	62-128	Blank	67	M		Filler

**SAMPLE MESSAGE:**

```
51103GA-PLANT 12345 0000200003060427 .....  
51203TRN123456789051130123456788051123REF-TEST ..... 770235 ..... ALM -INTSTL S ..... ALM .....  
5130300000002058994051004000001500000000000000050920000002080051004000002700051013000003510 .....  
51703KLT ..... EMBALAJE KLT ..... 0000040ST .....  
51803CB-A PQ-24 4P ALT E-E CERR-C .....  
519030000001000000100000010000000000000100000010000001
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