



# **Delivery Schedules EDI VDA 4905**

## **Guidelines for BMW Motoren GmbH**

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# 1 Delivery Schedule – Steyr

## 1.1 Functional Definition

Delivery call-off is a message from Steyr to its component suppliers which perpetually updates the quantity and deadline of changing demand variations of the plants both in the short-time and in the long-term. Delivery call-offs of Steyr are always based on the agreements reached in the related blanket purchase order.

This brochure thus forms an essential element for electronic data interchange (EDI) with Steyr and supplements the EDI Contract.

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## 1.2 Principles

Delivery call-offs of Steyr

- provide the component supplier with demand information on the basis of valid purchase orders over a minimum horizon of generally 6 months,
- allow the component supplier to plan his future demand, purchase of input material and both production and part shipment in compliance with the delivery call-offs and
- thus synchronise the processes between the plants of Steyr and its component suppliers.

Delivery call-offs

- are created, differentiated on the basis of the key criteria Ref. No., purchase order number and plant/unloading point,
- contain arrival dates at the relevant recipient plant and
- are valid until they are replaced by the relevant, subsequent call-off.

## 1.3 Scope of validity

The delivery call-off messages described in this Chapter to VDA 4905 apply to

- all demand for series parts,  
(initial samples are handled via a closed order from the BMW Purchase Orders Department )
- to Steyr Engine plant **ONLY**.

## ***1.4 Schedule Creation & Transmission***

The central Materials Planning of Steyr calculates the demand for all customer requirements daily after the end of the shift and makes this data available for creating delivery call-offs. On the basis of this demand data and as a function of the delivery control parameters, creation of the schedule is triggered, on the basis of the criteria Material Number/Vendor.

The call-off parameters to be managed at Material/Vendor level by the delivery controller include, for instance:

- Detailed delivery schedule (FAB) identification
- Frequency of schedule creation
- Days of week on which deliveries are made
- Length of schedule period
- Rounding factor for schedule quantities.

The delivery control parameters and the option of manual intervention by the delivery controller mean that schedules can be created dependent on situation and, thus, that transmissions can occur outside the normal transmission times.

The data is edited for electronic data interchange or for automatic fax transmission centrally at Steyr.

Directly after this, the files are transmitted and archiving is initiated.

## ***1.5 EDI Implementation***

Suppliers **without EDI link** always receive their schedules automatically by fax.

If a supplier is able to receive delivery schedules by EDI, a line test is conducted, after which a eight-week **test phase** commences in which the supplier receives the schedules in parallel both by fax and by EDI. This phase allows the supplier to compare the information conveyed electronically with the hardcopy schedules.

At the end of this period, the supplier informs their contact at Steyr that he is ready to switch to **EDI productive operation**. Steyr then discontinues fax transmission and the EDI data then becomes legally binding. During the testing phase, the fax transmission should take precedent over the EDI data in the event of differences within the data content.

These differences should first be clarified with the Steyr contact.

## 1.6 Structure of the EDI Files

For each supplier, Steyr creates an EDI file with the delivery schedule data. The criterion "vendor" corresponds to the supplier number issued by Steyr for the vendor. This number is defined in the BMW Purchase order. This supplier number is stipulated by the BMW Purchasing Departments and comprises the following elements:

- The "actual" supplier number (6-digit, numeric) and a
- supplier code (2-digit, numeric, indicating the locations of the supplier in coded form)

### LAB-EDI files may be formed:

On the basis of the Purchase Order number, i.e. a new EDI file is created for each Purchase Order number, regardless if a vendor has more than one purchase order open for Steyr. Each Purchase Order contains one material. Therefore only one material will be requested per EDI file.

**DATASET-NAME: W5.VDA4905.OUT.SCHED (VDA4905)**

### Sorting of the LAB-EDI files

The LAB-EDI files of Steyr are sorted on the basis of:

- Steyr article number
- Steyr contractual purchase order number

## 1.7 Processing on Suppliers Premises

A new delivery schedule may replace the preceding delivery schedule only if the following key arguments are identical:

- Steyr material number,
- Purchase Order Number
- "Delivery schedule number new" with the "Delivery schedule number old" of the current delivery schedule

The BMW Purchasing system GPS has issued a new purchase order number since January 1996 in the case of design modifications with each incremented change index (AI).

In this case, the delivery schedule which exists for the old purchase order number, together with its entire contents (cumulated receipts, last consignment etc.), is **NOT** converted to the new purchase order. The demand within the old purchase order number will be decreased accordingly and then transferred to the new Purchase Order number automatically and transmitted. Cumulated receipts will not be carried over as the material will be treated as a new Material due to the change index.

The "Delivery schedule number old" is also transmitted in the current LAB. If it is not identical to the LAB to be replaced, the delivery schedule may not be replaced since one status is missing (Steyr numbers the deliver schedules consecutively from 1 to 99,999 with no gaps). In this case, Steyr must be requested to retry transmission of the missing file.

Moreover, the EDI partner should ensure that all schedule transmissions transmitted by Steyr have been received without omission. This pre-requires a check for the transmission number contained in the data record (continuously, in ascending sequence), for each data reception operation.

### Archiving/transmission retry

The **archiving period for LAB-EDI data** is currently **2 days**.

Ref. number-specific "retry" of schedules is always possible by the responsible scheduler ( = retry print). In exceptional cases, a "Retry print" over all article numbers of the supplier called off in a period to be defined can be requested from EDI Co-ordination.

These retries are handled in the same way as new schedules, i.e.

- the schedule number is incremented by 1,
- the schedule contains all consignments received by Steyr through to the retry instant,
- the LAB quotas do, however, remain unchanged.

If a data stock is missing, may we request that you always inform Steyr so that the file can be retransmitted.

**Transmit retries can be requested from Steyr Information Processing Fault Clearance, Contact details can be found in Section 1.1.**

**When doing this, please specify the following information:**

- **Application: Delivery schedule EDI via SAP system**
- **Vendor number and the initial transmit date and the transmission number.**

Should there be any unclear aspects as regards identification of the transmission to be retried, please consult the person to contact for delivery schedule/detailed delivery schedule.

## ***1.8 Information on Cumulative Receipts***

Steyr schedules will include information on cumulated receipts. The cumulative receipt field will contain detail of total cumulative receipts for a part during the period of validity of a purchase order. Each time a new schedule is received the cum receipt info will allow a supplier to calculate the quantity of material in transit, and the quantity outstanding for despatch based on the cumulative despatch information from suppliers premises and cum receipts at Steyr.

## 2 Description of the data records for Delivery Schedule EDI (VDA Recommendation 4905)

EDI is currently implemented on the basis of the **VDA Recommendation 4905** (as per October 1988, Edition 3). The description of the data records below refers to VDA Recommendation 4905.

### Overview of the record types used

Record type 511: Header record, delivery call-off data (1 x per EDI file)

Record type 512: Master data for delivery call-off

Record type 513: Movement data

Record type 514: Movement data of the subsequent records

Record type 518: Delivery call-off text data

Record type 519: Trailer record, delivery call-off data (1 x per EDI file)

Record type "517" (packaging type data) is currently not edited for EDI.

### Record type sequence of EDI records

Record type 511 : First record of a transmission file

Record type 512 : Follows 511 (the first) and may follow 513, 514 and 518.

Record type 513 : Follows 512.

Record type 514 : Follows 513 or 514.

Record type 518 : Follows 513, 514 or 518.

Record type 519 : Follows 513, 514 or 518 and is the last record of a logical transmission file.

## 2.1 Record type 511 (Header Record, Delivery Call-Off Data)

Record type 511 / Mandatory Record / Once per transmission

| Item | Field name VDA          | O/<br>M | Length,<br>bytes | AN/<br>N | Digit  | Content to VDA AKVD 4905                                                                                                     | Steyr Requirements                                                            |
|------|-------------------------|---------|------------------|----------|--------|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| 01   | Record Type             | M       | 3                | N        | 1-3    | Record type 511 is a header record transmitted once for each EDI message. It contains master data for this transmission.     | Value fixed '511'                                                             |
| 02   | Version Number          | M       | 2                | N        | 4-5    | Identifies the relevant update status of a record type                                                                       | Value fixed, currently '01'                                                   |
| 03   | Customer Number         | M       | 9                | AN       | 6-14   | Identification number assigned to an orderer (eg. Steyr). Entry left-justified. Field is subject to data privacy protection. | Customer number which the supplier manages for Steyr. Value fixed '13345810'. |
| 04   | Supplier Number         | M       | 9                | N        | 15-23  | Identification Number which the orderer (eg. Steyr) assigns to a supplier (eg. Hella). Entry left justified.                 | This is the supplier number with the assigned supplier code.                  |
| 05   | Transmission Number OLD | M       | 5                | N        | 24-28  | A consecutive number is used for each EDI run. The transmission number OLD is that of the last run.                          | Is stored for each EDI file creation run.                                     |
| 06   | Transmission Number NEW | M       | 5                | N        | 29-33  | A consecutive number is used for each EDI run. The transmission number NEW is that for the current transmission.             | Is computed for each EDI file creation run. OLD number incremented by 1.      |
| 07   | Transmission date       | M       | 6                | N        | 34-39  | This is the current data of the EDI file creation. (YYMMDD).                                                                 | This is issued for each EDI file creation run.                                |
| 08   | Blanks                  | M       | 89               | AN       | 40-128 | Reserve Positions                                                                                                            | Reserve Positions                                                             |

Example for transmission of record type 511 :

| Digit           | 1     | 4   | 6               | 15              | 24        | 29        | 34          | 40.....128 |
|-----------------|-------|-----|-----------------|-----------------|-----------|-----------|-------------|------------|
| Content         | 5 1 1 | 0 1 | 1 3 3 4 5 8 1 0 | 2 5 8 9 1 8 1 0 | 0 0 0 1 6 | 0 0 0 1 7 | 9 9 1 0 2 2 | .....      |
| Item Data Field | 01    | 02  | 03              | 04              | 05        | 06        | 07          | 08         |

Explanation of the example:

Item 03 : The supplier has assigned customer number '13345810' to Steyr.

Item 04: Steyr has assigned the No. '25891810' to the supplier location of the transmission.

Item 05: Number of the preceding LAB transmission = '16'

Item 06: Number of the current LAB transmission = '17'

Item 07: Editing date of the current LAB = '22.10.04'

## 2.2 Record Type 512 (Master Data for Delivery Call-Off)

Record type 512 / Mandatory Record / Once per ref. Number and Purchase Order number.

| Item | Field name VDA                    | O/<br>M | Length,<br>bytes | AN/<br>N | Digit   | Content to VDA AKVD 4905                                                                                                                                             | Steyr Requirements                                                                                                               |
|------|-----------------------------------|---------|------------------|----------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 01   | Record Type                       | M       | 3                | N        | 1-3     | Record type 512 contains the master data for each LAB.                                                                                                               | Value fixed '512'                                                                                                                |
| 02   | Version Number                    | M       | 2                | N        | 4-5     | Identifies the relevant update status of a record type                                                                                                               | Value fixed, currently '01'                                                                                                      |
| 03   | Customer Plant                    | M       | 3                | N        | 6-8     | Plant to which the parts are to be delivered. Encoded format of the customer. (See List of codes, Chapter ???)                                                       | Value fixed '050'                                                                                                                |
| 04   | Delivery Call-Off number NEW      | M       | 9                | AN       | 9-17    | This is a consecutive numbering of the Steyr-LAB per Purchase Order Number. The number NEW is the consecutive number of the current LAB. Entry left-justified.       | Delivery call-off number of the current delivery call-off.                                                                       |
| 05   | Delivery Call-Off date NEW        | M       | 6                | N        | 18-23   | This is the related date for the delivery call-off number NEW in format YYMMDD.                                                                                      | Delivery call-off date of the current delivery call-off.                                                                         |
| 06   | Delivery call-off Number OLD      | M       | 9                | N        | 24-32   | This is the consecutive numbering of the Steyr-LAB per Purchase Order Number. The number OLD is the consecutive number of the last issued LAB. Entry left-justified. | Delivery call-off number of the preceding delivery call-off.                                                                     |
| 07   | Delivery Call-Off Date OLD        | M       | 6                | N        | 33-38   | This is the related date for the delivery call-off number OLD in format YYMMDD.                                                                                      | Delivery call-off date of the preceding delivery call-off.                                                                       |
| 08   | Article Number, Orderer           | M       | 22               | AN       | 39-60   | Identification number of Steyr for a specific part. It is entered left-justified in printed form: 11111111                                                           | Steyr Identification Number edited in printed form where first 7 digits equal part number and last 2 digits equals change-index. |
| 09   | Article number, Supplier          | O       | 22               | AN       | 61-82   | Identification number of the supplier for a specific part. Entry left-justified.                                                                                     | Output in accordance with information in BMW Purchase order provided it is stored there.                                         |
| 10   | Contractual Purchase Order Number | M       | 12               | AN       | 83-94   | Identification number of the purchase order on which the LAB is based. Entry left-justified.                                                                         | BMW Purchase Order Number.                                                                                                       |
| 11   | Unloading Point                   | M       | 5                | AN       | 95-99   | Identification number for the reception point of the consignment in the Steyr plant. Entry left-justified.                                                           | Steyr Unloading Point. Encoded format, See List of codes, chapter 2.7                                                            |
| 12   | Code of Orderer                   | M       | 4                | AN       | 100-103 | Identification number of the LAB originator. Entry left-justified.                                                                                                   | Only one entry '1111' to determine Steyr as orderer. MRP controller identified in Record 518.                                    |
| 13   | Unit of Quantity                  | M       | 2                | AN       | 104-105 | Description of Unit used to define quantity required.                                                                                                                | Encoded format. See List of codes, chapter 2.7                                                                                   |
| 14   | Delivery Interval                 | M       | 1                | AN       | 106-106 | Provides information, in encoded form, as to how the subsequent deliveries are to be delivered. (See List of Codes, Chapter ???)                                     | Always 'L'.                                                                                                                      |
| 15   | Production Release Inclusive      | O       | 1                | N        | 107-107 | Number of months exclusive of reporting date month.                                                                                                                  | Not used by Steyr.                                                                                                               |
| 16   | Material release                  | O       | 1                | N        | 108-108 | Number of months exclusive of reporting date month.                                                                                                                  | Not used by Steyr.                                                                                                               |
| 17   | Identification use                | M       | 1                | N        | 109-109 | Identification indicating whether the call-off is a series call-off or a spare part.                                                                                 | Only one value 'S' for Series Production.                                                                                        |
| 18   | Account Coding                    | O       | 7                | AN       | 110-116 | Purchase Order Account Coding./ Entry left-justified.                                                                                                                | Is not used by Steyr.                                                                                                            |
| 19   | Warehouse :Location               | O       | 7                | AN       | 117-123 | Warehouse Location. Entry left-justified.                                                                                                                            | Is not used by Steyr.                                                                                                            |
| 20   | Blanks                            | M       | 5                | A        | 124-128 | Reserve Positions.                                                                                                                                                   | Reserve Positions.                                                                                                               |

Example for transmission of record type 512:

|                 |       |     |       |                 |             |                 |             |
|-----------------|-------|-----|-------|-----------------|-------------|-----------------|-------------|
| Position        | 1     | 4   | 6     | 9               | 18          | 24              | 33          |
| Content         | 5 1 2 | 0 1 | U 0 0 | 0 0 0 0 0 0 2 0 | 9 9 1 0 2 0 | 0 0 0 0 0 0 1 9 | 9 9 1 0 1 7 |
| Item Data Field | 01    | 02  | 03    | 04              | 05          | 06              | 07          |

  

|                 |                         |                           |                     |           |         |
|-----------------|-------------------------|---------------------------|---------------------|-----------|---------|
| Position        | 39                      | 61                        | 83                  | 95        | 100     |
| Content         | 2 9 0 0 1 0 0 0 1 _ _ _ | F 8 7 D 2 2 3 8 0 1 _ _ _ | 0 0 0 2 0 3 4 5 4 3 | B O F _ _ | 1 1 1 1 |
| Item Data Field | 08                      | 09                        | 10                  | 11        | 12      |

  

|                 |     |     |     |     |     |           |           |           |
|-----------------|-----|-----|-----|-----|-----|-----------|-----------|-----------|
| Position        | 104 | 106 | 107 | 108 | 109 | 110       | 117       | 124...128 |
| Content         | S T | L   | _   | _   | S   | _ _ _ _ _ | _ _ _ _ _ | _ _ _ _ _ |
| Item Data Field | 13  | 14  | 15  | 16  | 17  | 18        | 19        | 20        |

Explanation of the example:

Item 03 – Customer Plant = ‘050’ for Steyr.

Item 04 – Call-off number ‘20’ further to Purchase Order Number.

Item 05 – Editing date further to call-off number 20 is 20.10.2005

Item 06 – Call-off number old is ‘19’.

Item 07 – Editing date further to call-off number 19 is 17.10.2005-10-13

Item 08 – Steyr article number = ‘290010001’ where 2900100 is the part-number and ‘01’ is the change index.

Item 09 – Supplier Article number = ‘F87D223801’. The supplier article number is edited if it is saved in the Purchase Order.

Item 10 – Purchase Order Number = ‘2034533’. The seven digit purchase order number is part of the call-off code and must be reported back in the goods-accompanying information.

Item 11 – Unloading Point = ‘DK 1’.

Item 12 - Number of the responsible scheduler = ‘1111’. (MRP Controller /Telephone number identified in Record Type 518.)

Item 13 – Unit of quantity = ST

Item 14 – Call-off code is always ‘L’ = In accordance with call-off date.

Item 17 - Identification use = ‘S’ which is Series Production.

## 2.3 Record Type 513 (Movement Data)

Record type 513 / Mandatory Record / Once per transmitted record type 512.

| Item | Field name VDA               | O/<br>M | Length,<br>bytes | AN/<br>N | Digit   | Content to VDA AKVD 4905                                                                                                                            | Steyr Requirements                                                                   |
|------|------------------------------|---------|------------------|----------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| 01   | Record Type                  | M       | 3                | N        | 1-3     | Record type 513 contains the movement data for each LAB, ie. The demarcation and call-off data.                                                     | Value fixed '513'                                                                    |
| 02   | Version Number               | M       | 2                | N        | 4-5     | Identifies the relevant update status record type.                                                                                                  | Value fixed, currently '01'.                                                         |
| 03   | Acquisition date             | M       | 6                | N        | 6-11    | Date of the last stock receipt on orderer's premises in format YYMMDD.                                                                              | Stock receipt date of the most recent stock receipt acquired on the system at Steyr. |
| 04   | Delivery note – number       | M       | 8                | N        | 12-19   | Delivery note number of the delivery note on which the last stocks receipt is based.                                                                | Delivery note number of the most recent stock receipt acquired at Steyr.             |
| 05   | Delivery note – date         | M       | 6                | N        | 20-25   | Delivery note date of the delivery note on which the last stocks receipt is based.                                                                  | Delivery note date of the most recent stock acquired by Steyr.                       |
| 06   | Quantity of last consignment | M       | 12               | N        | 26-37   | Quantity of the last consignment received by the orderer.                                                                                           | Last acquired quantity (with three places after the decimal point.)                  |
| 07   | Cumulated receipts           | M       | 10               | N        | 38-47   | Cumulated receipts allowing for all consignments booked either positively or negatively by the orderer as of the period the purchase order is live. | See Chapter 1.8 – Information on Cumulated Receipts.                                 |
| 08   | Call-Off Date 1              | M       | 6                | N        | 48-53   | Date for classified call-off quantity, format see below.                                                                                            |                                                                                      |
| 09   | Call-off quantity 1          | M       | 9                | N        | 54-62   | Call-off quantity of the delivery call-off                                                                                                          | Is edited, no places after the decimal point.                                        |
| 10   | Cal-off date 2               | O       | 6                | N        | 63-68   |                                                                                                                                                     |                                                                                      |
| 11   | Call-Off quantity 2          | O       | 9                | N        | 69-77   |                                                                                                                                                     |                                                                                      |
| 12   | Cal-off date 3               | O       | 6                | N        | 78-83   |                                                                                                                                                     |                                                                                      |
| 13   | Call-Off quantity 3          | O       | 9                | N        | 84-92   |                                                                                                                                                     |                                                                                      |
| 14   | Cal-off date 4               | O       | 6                | N        | 93-98   |                                                                                                                                                     |                                                                                      |
| 15   | Call-Off quantity 4          | O       | 9                | N        | 99-107  |                                                                                                                                                     |                                                                                      |
| 16   | Cal-off date 5               | O       | 6                | N        | 108-113 |                                                                                                                                                     |                                                                                      |
| 17   | Call-Off quantity 5          | O       | 9                | N        | 114-122 |                                                                                                                                                     |                                                                                      |
| 18   | Blanks                       | M       | 6                | AN       | 123-128 | Reserve Positions                                                                                                                                   | Reserve Positions                                                                    |

Date information in the following format:

| Date entry (date of arrival) |                                                                        | Encoded Format                                                                                                                                                                                                                                                                     |
|------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Day's date                   | YYMMDD/991023 = 23.10.99                                               | 000000: Last call-off field of a ref. Number in the transmitted LAB. Related quantity field and other fields are blank.<br><br>555555: All subsequent date entries must be interpreted as week or month date. Related quantity field is blank. Does not relate to forecast period! |
| Week as limits               | YYWWWW/992528 = 25 <sup>th</sup> – 28 <sup>th</sup> Calendar Week 1999 |                                                                                                                                                                                                                                                                                    |
| Weeks as deadline            | YY00WW/990025 = 25 <sup>th</sup> Calendar Week 1999                    |                                                                                                                                                                                                                                                                                    |
| Month as deadline            | YYMM00/991000 = October 1999                                           |                                                                                                                                                                                                                                                                                    |

Example for transmission of record type 513:

|                 |       |     |             |                 |             |                       |                     |
|-----------------|-------|-----|-------------|-----------------|-------------|-----------------------|---------------------|
| Position        | 1     | 4   | 6           | 12              | 20          | 26                    | 38                  |
| Content         | 5 1 3 | 0 1 | 9 9 0 9 2 8 | 0 0 2 4 1 4 3 4 | 9 9 0 9 2 6 | 0 0 0 0 0 0 0 0 9 0 0 | 0 0 0 0 5 7 0 2 3 3 |
| Item Data Field | 01    | 02  | 03          | 04              | 05          | 06                    | 07                  |

|                 |             |                 |             |                 |             |                 |
|-----------------|-------------|-----------------|-------------|-----------------|-------------|-----------------|
| Position        | 48          | 54              | 63          | 69              | 78          | 84              |
| Content         | 9 9 1 0 3 0 | 0 0 0 0 0 1 5 0 | 9 9 1 1 0 4 | 0 0 0 0 0 1 3 5 | 9 9 1 1 0 5 | 0 0 0 0 0 8 5 9 |
| Item Data Field | 08          | 09              | 10          | 11              | 12          | 13              |

|                 |        |       |             |                 |          |
|-----------------|--------|-------|-------------|-----------------|----------|
| Position        | 93     | 99    | 108         | 114             | 123..128 |
| Content         | 555555 | _____ | 9 9 1 1 0 0 | 0 0 0 0 0 5 3 5 | _____    |
| Item Data Field | 14     | 15    | 16          | 17              | 18       |

Explanation of the example:

Item 03: Acquisition date of the last stock receipt for article number = '28.09.05'

Item 04: Delivery note number of the last acquired stock receipt = '241434'.

Item 05: Creation date of the delivery note 241434 = '26.09.05'

Item 06: Acquired quantity of delivery note 241434 = '900'

Item 07: Cumulated receipts during live Purchase Order through to LAB editing date = '570233'

Item 08: Delivery date = '30.10.05'

Item 09: Related Quantity = '150'

Item 10 through to 13 must be interpreted in the same way as Item 8 and Item 9.

Item 14: Subsequent date entries must be interpreted as week or month date.

Item 15: Related quantity field is blank.

Item 16: Delivery Date = 00.11.2005 = October 2005-10-14

Item 17: Related quantity = '535'

## 2.4 Record Type 514 (movement data of the subsequent records)

Record type 514 / Optional record / is Transmitted if necessary.

| Item | Field name VDA        | O/<br>M | Length,<br>bytes | AN/<br>N | Digit   | Content to VDA AKVD 4905                                                                                                    | Steyr Requirements                            |
|------|-----------------------|---------|------------------|----------|---------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| 01   | Record Type           | M       | 3                | N        | 1-3     | Record type 514 contains further call-off data for record type 513 of the corresponding LAB. May occur any number of times. | Value fixed '514'                             |
| 02   | Version Number        | M       | 2                | N        | 4-5     | Identifies the relevant update status record type.                                                                          | Value fixed, currently '01'.                  |
| 03   | Call-off date 6       | M       | 6                | N        | 6-11    | Date for classified call-off quantity. (See record type 513, item 14)                                                       |                                               |
| 04   | Call-off quantity, 6  | M       | 9                | N        | 12-20   | Call-off quantity of the delivery call-off.                                                                                 | Is edited, no places after the decimal point. |
| 05   | Call-off date 7       | O       | 6                | N        | 21-26   |                                                                                                                             |                                               |
| 06   | Call-off quantity, 7  | O       | 9                | N        | 27-35   |                                                                                                                             |                                               |
| 07   | Call-off date 8       | O       | 6                | N        | 36-41   |                                                                                                                             |                                               |
| 08   | Call-off quantity, 8  | O       | 9                | N        | 42-50   |                                                                                                                             |                                               |
| 09   | Call-off date 9       | O       | 6                | N        | 51-56   |                                                                                                                             |                                               |
| 10   | Call-off quantity, 9  | O       | 9                | N        | 57-65   |                                                                                                                             |                                               |
| 11   | Call-off date 10      | O       | 6                | N        | 66-71   |                                                                                                                             |                                               |
| 12   | Call-off quantity, 10 | O       | 9                | N        | 72-80   |                                                                                                                             |                                               |
| 13   | Call-off date 11      | O       | 6                | N        | 81-86   |                                                                                                                             |                                               |
| 14   | Call-off quantity, 11 | O       | 9                | N        | 87-95   |                                                                                                                             |                                               |
| 15   | Call-off date 12      | O       | 6                | N        | 96-101  |                                                                                                                             |                                               |
| 16   | Call-off quantity, 12 | O       | 9                | N        | 102-110 |                                                                                                                             |                                               |
| 17   | Call-off date 13      | O       | 6                | N        | 111-116 |                                                                                                                             |                                               |
| 18   | Call-off quantity, 13 | O       | 9                | N        | 117-125 |                                                                                                                             |                                               |
| 19   | Blanks                | M       | 3                | N        | 126-128 | Reserve Positions                                                                                                           | Reserve Positions                             |

See Record type 513 for date entry

|                 |       |     |             |                 |             |                 |             |
|-----------------|-------|-----|-------------|-----------------|-------------|-----------------|-------------|
| Position        | 1     | 4   | 6           | 12              | 21          | 27              | 36          |
| Content         | 5 1 4 | 0 1 | 9 9 1 2 0 0 | 0 0 0 0 0 4 3 5 | 0 0 0 1 0 0 | 0 0 0 0 0 8 5 9 | 0 0 0 0 0 0 |
| Item Data Field | 01    | 02  | 03          | 04              | 05          | 06              | 07          |

|                 |       |       |       |       |       |       |
|-----------------|-------|-------|-------|-------|-------|-------|
| Position        | 42    | 51    | 57    | 66    | 72    | 81    |
| Content         | _____ | _____ | _____ | _____ | _____ | _____ |
| Item Data Field | 08    | 09    | 10    | 11    | 12    | 13    |

|                 |       |       |       |       |       |       |
|-----------------|-------|-------|-------|-------|-------|-------|
| Position        | 87    | 96    | 102   | 111   | 117   | 126   |
| Content         | _____ | _____ | _____ | _____ | _____ | _____ |
| Item Data Field | 14    | 15    | 16    | 17    | 18    | 19    |

Explanation of the example:

Item 03: Delivery date = '00.12.2005' = December 2005

Item 04: Related Quantity = '435'.

Item 05: Delivery Date = '00.01.05' = January 2005

Item 06: Related Quantity = '859'

Item 07: '000000': end of this call-off. All further fields in this record are blank.

## 2.5 Record Type 518 (Delivery Call-Off Text Files)

Record type 518 / Optional record / is transmitted if necessary / maximum four times per LAB.

| Item | Field name VDA           | O/<br>M | Length,<br>bytes | AN/<br>N | Digit   | Content to VDA AKVD 4905                                       | Steyr Requirements                                                |
|------|--------------------------|---------|------------------|----------|---------|----------------------------------------------------------------|-------------------------------------------------------------------|
| 01   | Record Type              | M       | 3                | N        | 1-3     | Record type 518 contains text files for the delivery call-off. | Value fixed '518'                                                 |
| 02   | Version Number           | M       | 2                | N        | 4-5     | Identifies the relevant update status record type.             | Value fixed, currently '01'.                                      |
| 03   | Delivery call-off Text 1 | O       | 40               | AN       | 6-45    | Free text for the delivery call-off                            | Entry left justified. Contains analyst name and telephone number. |
| 04   | Delivery call-off Text 2 | O       | 40               | AN       | 46-85   | Free text for the delivery call-off                            | Entry left-justified.                                             |
| 05   | Delivery call-off Text 3 | O       | 40               | AN       | 86-125  | Free text for the delivery call-off                            | Entry left-justified.                                             |
| 06   | Blanks                   | M       | 3                | N        | 126-128 | Reserve Positions                                              | Reserve Positions                                                 |

Example for transmission of record type 518:

|                 |       |     |                                                       |       |       |       |
|-----------------|-------|-----|-------------------------------------------------------|-------|-------|-------|
| Position        | 1     | 4   | 6                                                     | 46    | 86    | 126   |
| Content         | 5 1 8 | 0 1 | J I M _ R I C H A R D S _ 0 1 2 1 7 0 0 3 1 3 8 _ _ _ | _____ | _____ | _____ |
| Item Data Field | 01    | 02  | 03                                                    | 04    | 05    | 06    |

Explanation of the example:

Item 03: Analyst Name and contact number = 'JIM RICHARDS 0121 700 3138'

Item 04-05 : Free Text

## 2.6 Record Type 519 (Trailer Record, delivery call-off data)

Record type 519 / Mandatory Record / Once per transmission

| Item | Field name VDA  | O/<br>M | Length,<br>bytes | AN/<br>N | Digit  | Content to VDA AKVD 4905                                       | Steyr Requirements           |
|------|-----------------|---------|------------------|----------|--------|----------------------------------------------------------------|------------------------------|
| 01   | Record Type     | M       | 3                | N        | 1-3    | Record type 518 contains text files for the delivery call-off. | Value fixed '519'            |
| 02   | Version Number  | M       | 2                | N        | 4-5    | Identifies the relevant update status record type.             | Value fixed, currently '01'. |
| 03   | Record Type 511 | M       | 7                | N        | 6-12   | Record Counter, processed records.                             |                              |
| 04   | Record Type 512 | M       | 7                | N        | 13-19  | Record Counter, processed records.                             |                              |
| 05   | Record Type 513 | M       | 7                | N        | 20-26  | Record Counter, processed records.                             |                              |
| 06   | Record Type 514 | M       | 7                | N        | 27-33  | Record Counter, processed records.                             |                              |
| 07   | Record Type 517 | M       | 7                | N        | 34-40  | Record Counter, processed records.                             |                              |
| 08   | Record Type 518 | M       | 7                | N        | 41-47  | Record Counter, processed records.                             |                              |
| 09   | Record Type 519 | M       | 7                | N        | 48-54  | Record Counter, processed records.                             |                              |
| 10   | Blanks          | M       | 74               | AN       | 55-128 | Reserve Positions                                              | Reserve Positions            |

Example for transmission of record type 519:

|                 |       |     |             |             |             |             |             |
|-----------------|-------|-----|-------------|-------------|-------------|-------------|-------------|
| Position        | 1     | 4   | 6           | 13          | 20          | 27          | 34          |
| Content         | 5 1 9 | 0 1 | 0 0 0 0 0 1 | 0 0 0 0 0 1 | 0 0 0 0 0 1 | 0 0 0 0 0 1 | 0 0 0 0 0 0 |
| Item Data Field | 01    | 02  | 03          | 04          | 05          | 06          | 07          |

|                 |             |             |           |
|-----------------|-------------|-------------|-----------|
| Position        | 41          | 48          | 55....128 |
| Content         | 0 0 0 0 0 1 | 0 0 0 0 0 1 | _____     |
| Item Data Field | 08          | 09          | 10        |

Explanation of the example:

Record types 511, 512, 513, 514, 518 and 519 each occur once in the example above.

## 2.7 List of codes for Delivery Call-Off EDI

| Data Element (Field Name) | Record Type Item | Code                                                  | Description                                                                                              |
|---------------------------|------------------|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Unit of Quantity          | 512/13           | ST<br>MM<br>M<br>M2<br>M3<br>G<br>KG<br>L<br>SD<br>PA | Each<br>Millimetre<br>Meter<br>Square Meter<br>Cubic Meter<br>Gram<br>Kilograms<br>Litre<br>Hour<br>Pair |
| Delivery Interval         | 512/14           | L                                                     | In accordance with delivery date                                                                         |
| Identification, Use       | 512/17           | S                                                     | Series Production                                                                                        |
| Unloading Point           | 512/11           | DK 1<br>DK 4<br>DK 3                                  | Assembly Receiving Area<br>Machining Receiving Area<br>Central Store Receiving Area                      |
| Plant Number              | 512/03           | 050                                                   | Steyr                                                                                                    |