

# Despatch Advice Message ODETTE AVIEXP V3 for MSG

N10081-5

Standard

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## Purpose

This Standard describes the specifications of Magna Steyr Graz (MSG) for suppliers concerning the usage of ODETTE AVIEXP V3 for the Despatch Advice Message.

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G10100-101d

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## 1 Message Definition

### 1.1 Principles

The Despatch Advice Message intends to:

- advise the recipient (consignee) of the dispatch 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.

A Despatch Advice Message can relate to:

- different articles which may be packed differently (as instructed or agreed).
- articles covered by different Delivery Instruction 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.

### 1.2 References

The content of this message is based on:

- the message structure as defined by ODETTE for the Despatch Advice Message AVIEXP as published by the ODETTE-Organization in Version 3.
- the message structure defined by Magna Steyr Graz (MSG) and described in this document follows as close as possible the structure of the ODETTE AVIEXP message.
- 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.

### 1.3 Field of Application

The following definition of a Despatch Advice Message in ODETTE 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 ODETTE AVIEXP (Version 3) message as implemented by MSG. The official ODETTE segment 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 Introduction

### 2.1.1 How to read the documentation

All segments in the subset used by MSG are described in the following pages. The segment description is to be read as follows:

#### ☐ MID – MESSAGE IDENTIFICATION

|   |                  |                                                               |  |   |  |                  |                |  |
|---|------------------|---------------------------------------------------------------|--|---|--|------------------|----------------|--|
| ☐ | Level:           | 0                                                             |  |   |  |                  |                |  |
| ☐ | ODETTE status:   | mandatory.                                                    |  |   |  | MSG status:      | mandatory.     |  |
| ☐ | Maximum use:     | 1 per message.                                                |  |   |  | MSG occurrences: | 1 per message. |  |
| ☐ | Function:        | segment for the unique identification of the AVIEXP document. |  |   |  |                  |                |  |
| ☐ | MSG interchange: | see remarks.                                                  |  |   |  |                  |                |  |
| ☐ | Example:         | <b>MID+WA0221092+021125:1036'</b>                             |  |   |  |                  |                |  |
|   |                  | A                                                             |  | B |  | C                |                |  |

| ☐ | ODETTE STANDARD DEFINITION |      |                               |    |        |    | MSF IMPLEMENTATION |        |                    |
|---|----------------------------|------|-------------------------------|----|--------|----|--------------------|--------|--------------------|
|   | REF                        | TAG  | NAME                          | ST | FT     | SP | ST                 | FT     | REMARKS            |
|   | A                          | 1004 | Document/message name, coded  | M  | an..17 | +  | <b>M</b>           | an..17 | ASN-Number         |
|   |                            |      | <i>DOCUMENT DATE AND TIME</i> | M  |        |    | M                  |        |                    |
|   | B                          | 2007 | Document Date, coded          | M  | n6     | :  | <b>M</b>           | n6     | In format "YYMMDD" |
|   | C                          | 2002 | Time                          | C  | n4     | +  | <b>C</b>           | n4     | In format „HHMM“   |
| 9 |                            | 4426 | Authentification              | C  | an..35 | '  |                    |        |                    |

#### ✱ COMMENTS

#### ✱ CODE VALUES

### LEGEND

- ☐ segment tag and segment name.
- ☐ indication at which level the segment is in the message.
- ☐ status of the segment: as defined by ODETTE and by MSG.
- ☐ number of occurrences of the segment: as defined by ODETTE and as used by MSG.
- ☐ description of the function of the segment as defined by ODETTE and as used by MSG.
- ☐ example of the segment as it may appear in an interchange. This example is only illustrative and does not necessarily represent an actual situation. It should **NOT** be used as a basis to implement this message.
- ☐ definition of the segment content as defined by ODETTE and as implemented by MSG.
- ☐ identification of the data elements in the segment
  - reference to the example.
  - data element tag
  - data element name - *italic CAPITALS* denote a composite data element.
  - **ST** - the status of the data element ("M"=mandatory, "C"=conditional).
  - **FT** - the format of the data element, i.e. the indication of the number of characters (numerical or alphabetical) for this data element.

- **SP** - the separator used between the data elements.
- remarks on the specific use of the data element in the interchange with MSG.
- ☐ Shaded areas in the MSG description mean that the data elements is not used by MSG.
- ✱ the segment description can be followed by:
  - comments providing more information regarding specific data elements and how they must be used and/or understood in messages from MSG.
  - code values to be used for data elements contained in the message.

## 2.2 General Remarks

Following remarks are applicable for the complete documentation:

- Dates  
Unless otherwise specified in the field explanation in the documentation, dates are always expressed in the form **YYMMDD**.
- Times  
Unless otherwise specified in the field explanation in the documentation, times are always expressed in the form **HHMM**.
- Decimals  
The separator of numeric values with decimals is always “.” (full stop).

## 2.3 Segment Tables

The following table shows all segments as defined in the ODETTE AVIEXP (Version 3) message. **Shaded areas identify the segments that are not used in the definition of AVIEXP used by MSG.** This table should be read in conjunction with the branching diagram.

| TAG | NAME                           | LEVEL | STAT | OCCUR |
|-----|--------------------------------|-------|------|-------|
| MID | Message Identification         | 0     | M    | 1     |
| FAI | Flow/Advice Information        | 0     | C    | 1     |
| CDT | Consignor Details              | 0     | M    | 1     |
| SDT | Seller Details                 | 0     | C    | 1     |
| MDT | Manufacturer Details           | 0     | C    | 1     |
| CSG | Consignee Details              | 0     | M    | 1     |
| DLP | Delivery Party                 | 0     | C    | 1     |
| DTR | Data on Transport              | 0     | C    | 1     |
| DET | Delivery Terms                 | 0     | C    | 1     |
| ARD | Article Details                | 1     | M    | R     |
| ADP | Line Item Specific Data        | 2     | C    | 1     |
| DAI | General Article Information    | 2     | C    | 1     |
| TCO | Type of Package                | 2     | C    | R     |
| NCO | Package Identification Numbers | 3     | C    | R     |
| PCD | Package Contents Details       | 4     | C    | R     |
| GIN | Goods Identity Number          | 3     | C    | R     |
| DGD | Dangerous Goods Details        | 2     | C    | 1     |
| PVT | Weight and Volume Totals       | 0     | C    | 1     |
| IDD | Customs Information            | 0     | C    | 1     |
| DAN | Document References            | 1     | C    | R     |
| FTX | Free Text                      | 1     | C    | R     |

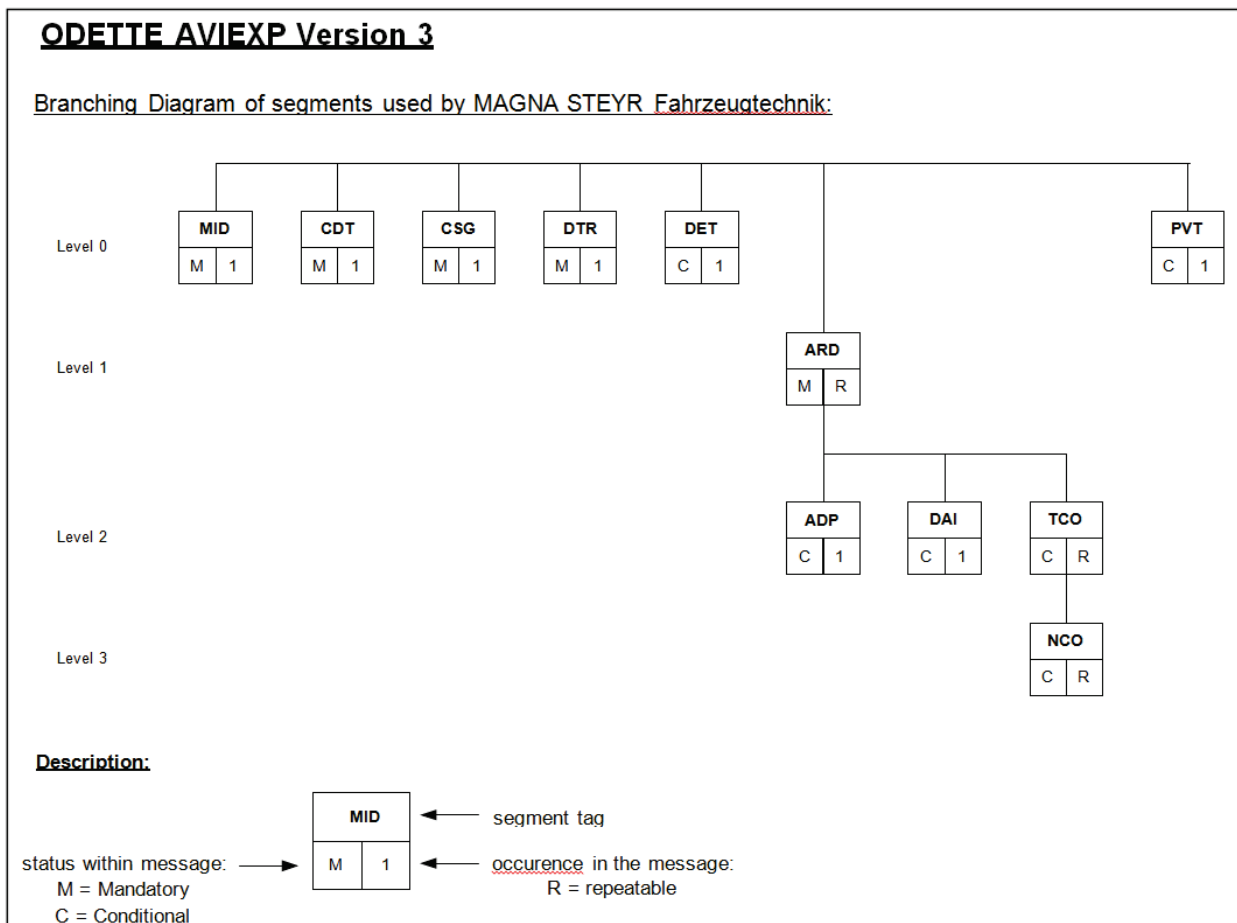
## 2.4 Branching Diagram

The branching diagram shows the structure of the message. It is a combination of various segments that are organized in a certain hierarchical order.

A segment is a pre-defined set of functionally related values (e.g., segment CDT groups all values that relate to a Consignor: consignor-code, name, address, etc,...)

Each segment within the branching diagram is broken down into one or multiple data elements. Within a segment, only those data elements that contain data must appear.

**Only segments of the message that are used by MSG are shown in the following Branching Diagram.**



## 2.5 Message Structure

The message structure illustrates how the segments can be repeated in a ODETTE AVIEXP transmission to accommodate the requirements identified by MSG.

|     |     |     |     |     |                                |
|-----|-----|-----|-----|-----|--------------------------------|
| UNB |     |     |     |     | Interchange Header             |
|     | UNH |     |     |     | Message Header                 |
|     |     | MID |     |     | Message Identification         |
|     |     | CDT |     |     | Consignor Details              |
|     |     | CSG |     |     | Consignee Details              |
|     |     | DTR |     |     | Details of Transport           |
|     |     | DET |     |     | Delivery Terms                 |
|     |     | ARD |     |     | Article Details                |
|     |     |     | ADP |     | Line Item Specific Data        |
|     |     |     | DAI |     | General Article Information    |
|     |     |     | TCO |     | Type of Package                |
|     |     |     |     | NCO | Package Identification Numbers |
|     |     |     | TCO |     | Type of Package                |
|     |     |     |     | NCO | Package Identification Numbers |
|     |     |     |     | NCO | Package Identification Numbers |
|     |     |     |     | NCO | Package Identification Numbers |
|     |     |     | TCO |     | Type of Package                |
|     |     | ARD |     |     | Article Details                |
|     |     |     | ADP |     | Line Item Specific Data        |
|     |     |     | DAI |     | General Article Information    |
|     |     |     | TCO |     | Type of Package                |
|     |     |     |     | NCO | Package Identification Numbers |
|     |     | ARD |     |     | Article Details                |
|     |     |     | ADP |     | Line Item Specific Data        |
|     |     |     | ... |     | < further elements >           |
|     |     | PVT |     |     | Weight and Volume Totals       |
|     | UNT |     |     |     | Message Trailer                |
| UNZ |     |     |     |     | Interchange Trailer            |

## 2.6 Service Segments Description

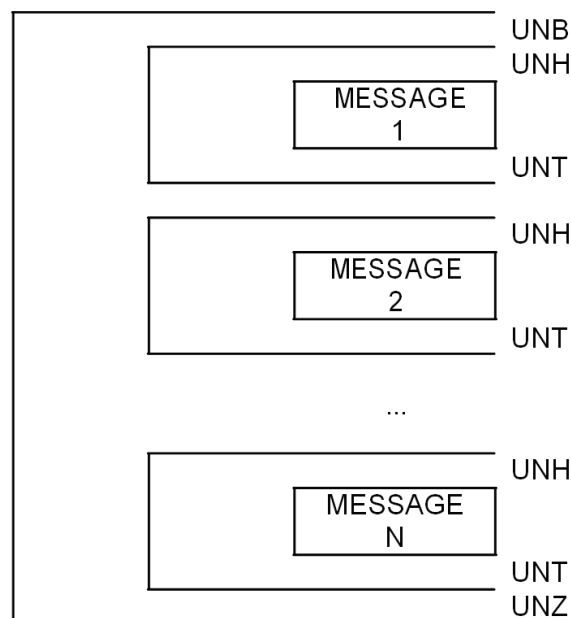
Following service segments are as defined by UN/EDIFACT and presented under → ISO9735.

The UNB, UNH, UNT and UNZ segments are the envelope of any message, enclosing all the data that is being transmitted.

The UNB (Interchange header) and UNZ (Interchange trailer) segments mark respectively the beginning and the end of an interchange thereby providing a unique interchange control reference.

Within the interchange the UNH (message header) and UNT (Message trailer) segments uniquely begin and end the various messages contained in an interchange.

EXAMPLE OF AN  
INTERCHANGE STRUCTURE



### **NOTE:**

All data elements marked "M" for Mandatory in the "ST" field of the MSG implementation must be included in the message. Missing or incorrect entries will result in the rejection of the message.

### **UNB – Interchange Header**

|                  |                                                                                                                                                                                                                                                                       |                  |                   |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------|
| Level:           | - (service segment)                                                                                                                                                                                                                                                   |                  |                   |
| ODETTE status:   | mandatory                                                                                                                                                                                                                                                             | MSG status:      | mandatory Maximum |
| use:             | 1 per interchange                                                                                                                                                                                                                                                     | MSG occurrences: | 1 per interchange |
| Function:        | service segment providing the unique identification of an interchange. It allows the identification of the sender and the receiver of the interchange, gives date and time of preparation as well as the interchange control reference and the application reference. |                  |                   |
| MSG interchange: | see remarks.                                                                                                                                                                                                                                                          |                  |                   |
| Example:         |                                                                                                                                                                                                                                                                       |                  |                   |

**UNB+UNOA:2+SUPPLIER:01:LW017+O0013000438STEYR+970607:0735+1234+PASS+LFS987'**

A B C D E F G H I J K

| ODETTE STANDARD DEFINITION |                      |                                                                                 |             |          |        | MSG IMPLEMENTATION |          |                                                                                                                                                                            |
|----------------------------|----------------------|---------------------------------------------------------------------------------|-------------|----------|--------|--------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REF                        | TAG                  | NAME                                                                            | ST          | FT       | SP     | ST                 | FT       | REMARKS                                                                                                                                                                    |
| A<br>B                     | S001<br>0001         | <i>SYNTAX IDENTIFIER</i><br>Syntax identifier                                   | M<br>M      | a4       | :      | M<br>M             | a4       | "UNOA".<br>Indication of the syntax version used for this message. MSG uses EDIFACT syntax version "1"                                                                     |
|                            | 0002                 | Syntax version number                                                           | M           | n1       | +      | M                  | n1       |                                                                                                                                                                            |
| C                          | S002<br>0004         | <i>INTERCHANGE SENDER</i><br>Sender identification                              | M<br>M      | an..35   | :      | M<br>M             | an..35   | Communication Code/Mailbox number of the party originating the message.<br>Qualifiers to be determined by trading partner relationship.<br>Sub-address for reverse-routing |
| D                          | 0007                 | Identification code qualifier                                                   | C           | an..4    | :      | C                  | an..4    |                                                                                                                                                                            |
| E                          | 0008                 | Address for Reverse Routing                                                     | C           | an..14   | +      | C                  | an..14   |                                                                                                                                                                            |
| F                          | S003<br>0010         | <i>INTERCHANGE RECIPIENT</i><br>Recipient identification                        | M<br>M      | an..35   | :      | M<br>M             | an..35   | Communication Code/Mailbox number of the party receiving the message.<br>Qualifiers to be determined by trading partner relationship.                                      |
|                            | 0007                 | Identification code qualifier                                                   | C           | an..4    | :      | C                  | an..4    |                                                                                                                                                                            |
| G<br>H<br>I                | 0014                 | Routing address                                                                 | C           | an..14   | +      |                    |          |                                                                                                                                                                            |
|                            | S004<br>0017<br>0019 | <i>DATE / TIME OF PREPARATION</i><br>Date of preparation<br>Time of preparation | M<br>M<br>M | n6<br>n4 | :<br>+ | M<br>M<br>M        | n6<br>n4 | In format "YYMMDD"<br>In format "HHMM"                                                                                                                                     |
| J                          | 0020                 | Interchange Control Reference                                                   | M           | an..14   | +      | M                  | an..14   | Reference number assigned by the sender of the message. This number must uniquely identify each interface and must be <b>UNIQUE</b> within an inventory year.              |
|                            | S005<br>0022         | <i>RECIPIENTS REFERENCE PASSWORD</i><br>Recipient's reference / password        | C<br>M      | an..14   | :      | C<br>M             | an..14   | Recipients password                                                                                                                                                        |
| K                          | 0025                 | Recipient's reference / password qualifier                                      | C           | an2      | +      |                    |          |                                                                                                                                                                            |
|                            | 0026                 | Application Reference                                                           | C           | an..14   | +      | C                  | an..14   | Reference specified by the recipient. May be used to identify the message on the recipient's system.                                                                       |
|                            | 0029                 | Processing Priority Code                                                        | C           | a1       | +      |                    |          |                                                                                                                                                                            |
|                            | 0031                 | Acknowledgement Request                                                         | C           | n1       | +      |                    |          |                                                                                                                                                                            |
|                            | 0032                 | Communications Agreement ID                                                     | C           | an..35   | +      |                    |          |                                                                                                                                                                            |
|                            | 0035                 | Test Indicator                                                                  | C           | n1       | '      | C                  | n1       | "1" if the interchange is a test – otherwise not used                                                                                                                      |

## UNH - Message Header

Level: - (service segment)  
ODETTE status: mandatory. MSG status: mandatory. Maximum  
use: 1 per message. MSG occurrences: 1 per message.  
Function: service segment starting and uniquely identifying a message. The  
message type code for the Despatch Advice message is "AVIEXP".  
MSG interchange: see remarks.

Example:

**UNH+1+AVIEXP:3::OD'**  
A B C D

| ODETTE STANDARD DEFINITION |      |                          |    |        |    | MSG IMPLEMENTATION |        |                                                               |
|----------------------------|------|--------------------------|----|--------|----|--------------------|--------|---------------------------------------------------------------|
| REF                        | TAG  | NAME                     | ST | FT     | SP | ST                 | FT     | REMARKS                                                       |
| A                          | 0062 | MESSAGE REFERENCE NUMBER | M  | an..14 | +  | M                  | an..14 | Message Control number assigned by the sender to the message. |
| B                          | S009 | MESSAGE IDENTIFIER       | M  | an..6  | :  | M                  | an..6  | "AVIEXP"                                                      |
| C                          | 0065 | Message                  | M  | an..3  | :  | M                  | an..3  | "3"                                                           |
|                            | 0052 | type                     | M  | an..3  | :  | M                  | an..3  | ""                                                            |
| D                          | 0051 | Message version number   | M  | an..2  | :  | M                  | an..2  | "OD"                                                          |
|                            | 0057 | Message release          | C  | an..6  | +  |                    |        |                                                               |
|                            | 0068 | COMMON ACCESS            | C  | an..35 | +  |                    |        |                                                               |
|                            | S010 | STATUS OF TRANSFER       | C  | n..2   | :  |                    |        |                                                               |
|                            | 0070 | Sequence of transfer     | M  | n..2   | :  |                    |        |                                                               |
|                            | 0073 | First and last transfer  | C  | a1     | '  |                    |        |                                                               |

## UNT - Message Trailer

Level: - (service segment)  
ODETTE status: mandatory. MSG status: mandatory. Maximum  
use: 1 per message. MSG occurrences: 1 per message  
Function: service segment ending a message, giving the total number of  
segments in the message and the control reference number of the  
message.  
MSG interchange: see remarks.

Example:

**UNT+99+1'**  
A B

| ODETTE STANDARD DEFINITION |      |                                   |    |        |    | MSG IMPLEMENTATION |        |                                                                                |
|----------------------------|------|-----------------------------------|----|--------|----|--------------------|--------|--------------------------------------------------------------------------------|
| REF                        | TAG  | NAME                              | ST | FT     | SP | ST                 | FT     | REMARKS                                                                        |
| A                          | 0074 | NUMBER OF SEGMENTS IN THE MESSAGE | M  | n..6   |    | M                  | n..6   | Control count of the number of segments in the message, including UNH and UNT. |
| B                          | 0062 | MESSAGE REFERENCE NUMBER          | M  | an..14 |    | M                  | an..14 | Number must be identical to UNH - tag 0062                                     |

## UNZ - Interchange Trailer

Level: - (service segment)  
ODETTE status: mandatory      MSG status: mandatory  
Maximum use: 1      MSG occurrences: 1 per interchange  
Function: service segment ending an interchange and giving the number of messages contained in the interchange as well as the Interchange Control Reference number.  
MSG interchange: see remarks.

Example:

**UNZ+1+1234'**  
A      B

| REF | TAG  | NAME                          | ST | FT     | SP | ST       | FT     | REMARKS                                                                |
|-----|------|-------------------------------|----|--------|----|----------|--------|------------------------------------------------------------------------|
| A   | 0036 | INTERCHANGE CONTROL COUNT     | M  | n..6   | +  | <b>M</b> | n..6   | Number of messages in an interchange.                                  |
| B   | 0020 | INTERCHANGE CONTROL REFERENCE | M  | an..14 | '  | <b>M</b> | an..14 | Value must be the same as 0020 - Interchange Control Reference in UNB. |

## 2.7 Data Segments Description

This part includes only the segments defined in the standard and used in the subset exchanged between the Trading Partners and MSG. The segments are described in the same sequence as they appear in the message.

### NOTE:

All data elements marked "**M**" for Mandatory in the "**ST**" field of the MS implementation must be included in the message. Missing or incorrect entries will result in the rejection of the message.

## MID – Message Identification

Level: 0  
ODETTE status: mandatory      MSG status: mandatory  
Maximum use: 1 per message      MSG occurrences: 1 per message  
Function: segment for unique identification of the AVIEXP document.  
MSG interchange:

Example:

**MID+WA0221092+021125:1036'**  
A      B      C

| ODETTE STANDARD DEFINITION |      |                               |    |        |    | MSG IMPLEMENTATION |        |                    |
|----------------------------|------|-------------------------------|----|--------|----|--------------------|--------|--------------------|
| REF                        | TAG  | NAME                          | ST | FT     | SP | ST                 | FT     | REMARKS            |
| A                          | 1004 | Document Number               | M  | an..17 | +  | <b>M</b>           | an..17 | ASN-Number         |
|                            |      | <i>DOCUMENT DATE AND TIME</i> | M  |        |    | M                  |        |                    |
| B                          | 2007 | Document Date, coded          | M  | n6     | :  | <b>M</b>           | n6     | In format "YYMMDD" |
| C                          | 2002 | Time                          | C  | n4     | +  | <b>C</b>           | n4     | In format "HHMM"   |
|                            | 4426 | Authentication                | C  | an..35 | '  |                    |        |                    |

### CDT – Consignor Details

Level: 0  
ODETTE status: mandatory MSG status: mandatory  
Maximum use: 1 per message MSG occurrences: 1 per message  
Function: segment for providing information related to the sender of the goods.  
MSG interchange: see remarks.

Example:

**CDT+756060:Hammersmith Ltd:\*\*\*\*TK1'**  
A B C

| ODETTE STANDARD DEFINITION |      |                                  |        |        |    | MSG IMPLEMENTATION |        |                             |
|----------------------------|------|----------------------------------|--------|--------|----|--------------------|--------|-----------------------------|
| REF                        | TAG  | NAME                             | ST     | FT     | SP | ST                 | FT     | REMARKS                     |
| A                          | 3337 | CONSIGNOR<br>Consignor, coded    | M<br>C | an..20 | :  | M<br>M             | an..20 | Supplier-Code in MSG-system |
| B                          | 3036 | Party Name                       | C      | an..35 | :  | C                  | an..35 | Supplier Name               |
|                            | 3124 | Name and Address Line            | C      | an..35 | :  |                    |        |                             |
|                            | 3124 | Name and Address Line            | C      | an..35 | :  |                    |        |                             |
|                            | 3124 | Name and Address Line            | C      | an..35 | :  |                    |        |                             |
| C                          | 3296 | Internal ID to a Trading-Partner | C      | an..17 | +  | C                  | an..17 | Supplier-Plant-Code         |
| REST OF SEGMENT NOT USED.  |      |                                  |        |        |    |                    |        |                             |

### CSG – Consignee Details

Level: 0  
ODETTE status: mandatory MSG status: mandatory  
Maximum use: 1 per message MSG occurrences: 1 per message  
Function: segment for providing information related to the recipient of the goods.  
MSG interchange: see remarks.

Example:

**CSG+THO:MAGNA STEYR FAHRZEUGTECHNIK:\*\*\*\*80245523+GKA'**  
A B C D

| ODETTE STANDARD DEFINITION |      |                                              |        |        |    | MSG IMPLEMENTATION |        |                                 |
|----------------------------|------|----------------------------------------------|--------|--------|----|--------------------|--------|---------------------------------|
| REF                        | TAG  | NAME                                         | ST     | FT     | SP | ST                 | FT     | REMARKS                         |
| A                          | 3133 | CONSIGNEE<br>Consignee, coded                | M<br>C | an..20 | :  | M<br>M             | an..20 | Customer-Plant-Code             |
| B                          | 3036 | Party Name                                   | C      | an..35 | :  | C                  | an..35 | Name Customer                   |
|                            | 3124 | Name and Address Line                        | C      | an..35 | :  |                    |        |                                 |
|                            | 3124 | Name and Address Line                        | C      | an..35 | :  |                    |        |                                 |
|                            | 3124 | Name and Address Line                        | C      | an..35 | :  |                    |        |                                 |
| C                          | 3296 | Internal ID to a Trading-Partner             | C      | an..17 | +  | C                  | an..17 | Customer-Code in MSG-system     |
| D                          | 3921 | FINAL DELIVERY POINT<br>Final Delivery Point | C<br>C | an..17 | :  | M<br>M             | an..17 | Point of Unloading at MSG-plant |
| REST OF SEGMENT NOT USED.  |      |                                              |        |        |    |                    |        |                                 |

## DTR – Data on Transport

Level: 0  
 ODETTE status: conditional      MSG status: mandatory  
 Maximum use: 1 per message      MSG occurrences: 1 per message  
 Function: segment specifying details on the transport.  
 MSG interchange: information on carrier and freight-forwarder as well as a reference to the shipment.

Example:

**DTR+WZ9KHD+WZ6RPG:00086986+SPED MEIER::::GWEISS+++200210110843+++021011:0749'**  
                     A                    B                    C                    D                    E                    F                    G                    H

| ODETTE STANDARD DEFINITION |      |                                                       |    |        |    | MSG IMPLEMENTATION |        |                                                                       |
|----------------------------|------|-------------------------------------------------------|----|--------|----|--------------------|--------|-----------------------------------------------------------------------|
| REF                        | TAG  | NAME                                                  | ST | FT     | SP | ST                 | FT     | REMARKS                                                               |
| A                          | 8212 | Identification - Means of Transport                   | C  | an..17 | +  | C                  | an..17 | Registration-Number of the Vehicle                                    |
| B                          | 8164 | <i>CONSIGNMENT GROUP NUMBER</i><br>Trailer Number     | C  | an..17 | :  | C                  | an..17 | Registration-Number of the Trailer                                    |
| C                          | 8028 | Conveyance Reference Number                           | C  | an..17 | +  | M                  | an..17 | Shipment Identification Number (SLB)                                  |
| D                          | 3127 | <i>CARRIER</i><br>Carrier, coded                      | M  | an..20 | :  | M                  | an..20 | Carrier-Code in MSG-system                                            |
|                            | 3036 | Party Name                                            | C  | an..35 | :  | C                  | an..35 | Name Carrier                                                          |
|                            | 3124 | Name and Address Line                                 | C  | an..35 | :  |                    |        |                                                                       |
|                            | 3124 | Name and Address Line                                 | C  | an..35 | :  |                    |        |                                                                       |
|                            | 3124 | Name and Address Line                                 | C  | an..35 | :  |                    |        |                                                                       |
| E                          | 3296 | Internal ID to a Trading-Partner                      | C  | an..17 | +  | C                  | an..17 | Freight-Forwarder-Code in MSG-system                                  |
|                            | 1188 | Transport Document Number                             | C  | an..17 | +  |                    |        |                                                                       |
|                            | 4351 | Carriage Payment Instructions coded                   | C  | a1     | +  |                    |        |                                                                       |
| F                          | 2349 | Estimated Arrival Date/Time at Destination, coded     | C  | n10    | +  | C                  | n10    | Expected Date/Time of Arrival at the Destination, Format "YYMMDDHHMM" |
|                            | 3335 | <i>PLACE OF LOADING</i><br>Place of Loading, coded    | C  | a5     | :  |                    |        |                                                                       |
|                            | 3334 | Place of Loading                                      | C  | an..17 | +  |                    |        |                                                                       |
|                            | 2459 | Packing List Date, coded                              | C  | n6     | +  |                    |        |                                                                       |
| G                          | 2171 | <i>DESPATCH DATE AND TIME</i><br>Despatch Date, coded | C  | n6     | :  | C                  | n6     | In format "YYMMDD"                                                    |
| H                          | 2002 | Time                                                  | C  | n4     | ,  | C                  | n4     | In format "HHMM"                                                      |

## DET – Delivery Terms

Level: 0  
ODETTE status: conditional      MSG status: conditional  
Maximum use: 1 per message      MSG occurrences: 1 per message  
Function: segment specifying details on delivering the goods.  
MSG interchange: information concerning mode and payment of the transport.

Example:

**DET+30+FCA'**  
A    B

| ODETTE STANDARD DEFINITION |      |                          |    |        |    | MSG IMPLEMENTATION |      |                           |
|----------------------------|------|--------------------------|----|--------|----|--------------------|------|---------------------------|
| REF                        | TAG  | NAME                     | ST | FT     | SP | ST                 | FT   | REMARKS                   |
| A                          | 8067 | Mode of Transport, coded | M  | n..2   | +  | <b>M</b>           | n..2 | For code value see below. |
| B                          | 4110 | Incoterms Code           | C  | a3     | +  | C                  | a3   | For code value see below. |
|                            |      | <i>INCOTERMS</i>         | C  |        |    |                    |      |                           |
|                            | 3019 | Incoterms Place, coded   | C  | an..8  | :  |                    |      |                           |
|                            | 3018 | Incoterms Place          | C  | an..32 | +  |                    |      |                           |
|                            |      | <i>TERMS OF DELIVERY</i> | C  |        |    |                    |      |                           |
|                            | 4052 | Terms of Delivery        | M  | an..35 | :  |                    |      |                           |
|                            | 4052 | Terms of Delivery        | C  | an..35 | :  |                    |      |                           |
|                            | 4052 | Terms of Delivery        | C  | an..35 | :  |                    |      |                           |
|                            | 4052 | Terms of Delivery        | C  | an..35 | :  |                    |      |                           |
|                            | 4052 | Terms of Delivery        | C  | an..35 | '  |                    |      |                           |

## CODE VALUES

8067 - Mode of transport, coded

General Codes as defined in ODDC 3 and to be used for MSG:

|    |                                             |
|----|---------------------------------------------|
| 00 | Not allocated                               |
| 10 | Maritime transport                          |
| 12 | Railway wagon on sea-going vessel           |
| 16 | Powered road vehicle on sea-going vessel    |
| 17 | Trailer or semi-trailer on sea-going vessel |
| 18 | Inland waterway vessel on sea-going vessel  |
| 20 | Rail transport                              |
| 23 | Road vehicle on rail-wagon                  |
| 30 | Road transport                              |
| 40 | Air transport                               |
| 50 | Mail                                        |
| 60 | Multimodal transport                        |
| 70 | Fixed transport installations               |
| 80 | Inland water transport                      |
| 90 | Mode unknown                                |

## 4110 – Incoterms Code

General Codes as defined in ODDC 4 and to be used for MSG:

|            |                                |
|------------|--------------------------------|
| <b>CFR</b> | Cost and freight               |
| <b>CIF</b> | Cost insurance and freight     |
| <b>CIP</b> | Carriage and insurance paid to |
| <b>CPT</b> | Carriage paid to               |
| <b>DAF</b> | Delivered at frontier          |
| <b>DDP</b> | Delivered duty paid            |
| <b>DDU</b> | Delivered duty unpaid          |
| <b>DEQ</b> | Delivered ex quay (duty paid)  |
| <b>DES</b> | Delivered ex ship              |
| <b>EXW</b> | Ex works                       |
| <b>FAS</b> | Free alongside ship            |
| <b>FCA</b> | Free carrier                   |
| <b>FOB</b> | Free on board                  |

**ARD – Article Details**

|                  |                                                                                                       |                  |               |
|------------------|-------------------------------------------------------------------------------------------------------|------------------|---------------|
| Level:           | 1                                                                                                     | MSG status:      | mandatory     |
| ODETTE status:   | mandatory                                                                                             | MSG occurrences: | n per message |
| Maximum use:     | n per message                                                                                         |                  |               |
| Function:        | segment specifying information to the product being dispatched.                                       |                  |               |
| MSG interchange: | information to delivered quantity, engineering-change and the corresponding contract for the article. |                  |               |

Example:

**ARD+A4636000011:1710163+485:PCE+50031833+AT++:SAG 19/99N09'**

A B C D E F G

| ODETTE STANDARD DEFINITION |      |                                                         |    |        |    | MSG IMPLEMENTATION   |        |                                                                                                     |
|----------------------------|------|---------------------------------------------------------|----|--------|----|----------------------|--------|-----------------------------------------------------------------------------------------------------|
| REF                        | TAG  | NAME                                                    | ST | FT     | SP | ST                   | FT     | REMARKS                                                                                             |
| A                          | 7304 | <i>ARTICLE IDENTIFICATION</i><br>Buyer's Article Number | M  |        |    | M                    |        |                                                                                                     |
| B                          | 7194 | Seller's Article Number                                 | C  | an..35 | :  | <b>M</b>             | an..35 | MSG assigned Part-Number                                                                            |
|                            | 7008 | Article Description                                     | C  | an..35 | :  |                      |        | Part-Number assigned by the supplier                                                                |
|                            | 7008 | Article Description                                     | C  | an..35 | :  |                      |        |                                                                                                     |
|                            | 7008 | Article Description                                     | C  | an..35 | :  |                      |        |                                                                                                     |
|                            | 7008 | Article Description                                     | C  | an..35 | :  |                      |        |                                                                                                     |
|                            | 7008 | Article Description                                     | C  | an..35 | +  |                      |        |                                                                                                     |
| C                          | 6270 | <i>QUANTITY AND UNIT</i><br>Quantity Delivered          | M  | n..10  | :  | M                    | n..10  | actual dispatched quantity                                                                          |
| D                          | 6410 | Measure Unit Specifier                                  | C  | an..3  | +  | <b>M</b><br><b>C</b> | an..3  | see ODDC 25, default is "PCE"                                                                       |
| E                          | 1022 | <i>ORDER OR CONTRACT IDENTIF.</i><br>Order Number       | M  | an..17 | :  | M                    | an..17 | Contract-Number valid for the article -> has to be in line with the information given in the DELINS |
|                            | 2001 | Date, coded                                             | C  | n6     | +  |                      |        |                                                                                                     |
| F                          | 3239 | <i>COUNTRY OF ORIGIN</i><br>Country of Origin, coded    | C  | a2     | :  | C                    | a2     | For code value see below.                                                                           |
|                            | 3238 | Country of Origin                                       | C  | an..17 | +  |                      |        |                                                                                                     |
|                            | 4440 | <i>FREE TEXT</i><br>Free Text                           | C  | an..70 | :  |                      |        |                                                                                                     |
|                            | 4440 | Free Text                                               | C  | an..70 | :  |                      |        |                                                                                                     |
|                            | 4440 | Free Text                                               | C  | an..70 | +  |                      |        |                                                                                                     |
| G                          | 7860 | <i>TECHNICAL STATUS</i><br>Design Revision Number       | C  | an..35 | :  | C                    |        |                                                                                                     |
|                            | 1376 | Engineering Change Number                               | C  | an..17 | :  | <b>C</b>             | an..17 | has to be in line with the information given in DELINS                                              |
|                            | 2001 | Date, coded                                             | C  | n6     | '  |                      |        |                                                                                                     |

## CODE VALUES

3239 – Country of Origin, coded

General Codes to be used for exchange with MSG - For further Codes see ODDC 6:

|           |                |           |               |
|-----------|----------------|-----------|---------------|
| <b>AT</b> | Austria        | <b>HU</b> | Hungary       |
| <b>BE</b> | Belgium        | <b>IE</b> | Ireland       |
| <b>BR</b> | Brazil         | <b>IT</b> | Italy         |
| <b>CA</b> | Canada         | <b>JP</b> | Japan         |
| <b>CH</b> | Switzerland    | <b>NO</b> | Norway        |
| <b>CZ</b> | Czech Republic | <b>NL</b> | Netherlands   |
| <b>DE</b> | Germany        | <b>PL</b> | Poland        |
| <b>DK</b> | Denmark        | <b>PT</b> | Portugal      |
| <b>ES</b> | Spain          | <b>SE</b> | Sweden        |
| <b>FI</b> | Finland        | <b>SI</b> | Slovenia      |
| <b>FR</b> | France         | <b>SK</b> | Slovakia      |
| <b>GB</b> | United Kingdom | <b>TR</b> | Turkey        |
| <b>GR</b> | Greece         | <b>US</b> | United States |

## ADP – Line Item Specific Data

Level: 2  
ODETTE status: conditional MSG status: mandatory  
Maximum use: 1 per ARD-segment MSG occurrences: 1 per ARD-segment  
Function: segment for more detailed information to the product being despatched.  
MSG interchange: Information to the corresponding DELINS.

Example:

**ADP+++12583089+++1'**  
A B

| ODETTE STANDARD DEFINITION |      |                                    |    |        |    | MSG IMPLEMENTATION |        |                                             |
|----------------------------|------|------------------------------------|----|--------|----|--------------------|--------|---------------------------------------------|
| REF                        | TAG  | NAME                               | ST | FT     | SP | ST                 | FT     | REMARKS                                     |
|                            | 5284 | UNIT PRICE BASIS                   | M  |        |    |                    |        |                                             |
|                            | 6410 | Unit Price Basis                   | C  | n..9   | :  |                    |        |                                             |
|                            |      | Measure Unit Specifier             | C  | an..3  | +  |                    |        |                                             |
|                            | 7338 | Article Batch Number               | C  | an..17 | +  |                    |        |                                             |
| A                          | 1174 | Delivery Instruction Number        | C  | an..17 | +  | C                  | an..17 | Document-Number of the corresponding DELINS |
|                            | 1310 | Part Consignment Number            | C  | an..17 | +  |                    |        |                                             |
|                            | 1420 | Kanban Card Number                 | C  | an..3  | +  |                    |        |                                             |
| B                          | 1082 | Line Item Number                   | C  | n..6   | +  | C                  | n..6   | Increasing number                           |
|                            | 7822 | Seller's Superseded Article Number | C  | an..35 | '  |                    |        |                                             |

## DAI – General Article Information

Level: 2  
ODETTE status: conditional MSG status: conditional  
Maximum use: 1 per ARD-segment MSG occurrences: 1 per ARD-segment  
Function: segment specifying weight-information to the preceding line item.  
MSG interchange: contains information of the Net-Weight for each article-position.

Example:

**DAI+82:KGM'**  
A B

| ODETTE STANDARD DEFINITION |      |                        |    |       |    | MSG IMPLEMENTATION |       |                                               |
|----------------------------|------|------------------------|----|-------|----|--------------------|-------|-----------------------------------------------|
| REF                        | TAG  | NAME                   | ST | FT    | SP | ST                 | FT    | REMARKS                                       |
| A                          | 6160 | WEIGHT                 | M  |       |    | M                  |       |                                               |
|                            |      | Net Weight             | C  | n..11 | :  | M                  | n..11 | Net-Weight of the despatched article-position |
| B                          | 6410 | Measure Unit Specifier | C  | an..3 | +  | C                  | an..3 | see ODDC 25, default is "KGM"                 |
| REST OF SEGMENT NOT USED.  |      |                        |    |       |    |                    |       |                                               |

### TCO – Type of Package

|                  |                                               |                  |                   |
|------------------|-----------------------------------------------|------------------|-------------------|
| Level:           | 2                                             |                  |                   |
| ODETTE status:   | conditional                                   | MSG status:      | conditional       |
| Maximum use:     | n per ARD-segment                             | MSG occurrences: | n per ARD-segment |
| Function:        | segment specifying packages being dispatched. |                  |                   |
| MSG interchange: | see remarks.                                  |                  |                   |

Example:

TCO+KLT-BEHÄLTER:KLT VDA4328+4+150:PCE'

| ODETTE STANDARD DEFINITION |      |                                 |    |        |    | MSG IMPLEMENTATION |        |                                      |
|----------------------------|------|---------------------------------|----|--------|----|--------------------|--------|--------------------------------------|
| REF                        | TAG  | NAME                            | ST | FT     | SP | ST                 | FT     | REMARKS                              |
| A                          | 7064 | <i>PACKAGE DATA</i>             | M  |        |    | M                  |        |                                      |
| B                          | 1906 | Type of Packages                | C  | an..35 | :  | C                  | an..35 |                                      |
|                            |      | Package Reference               | C  | an..35 | :  | <b>M</b>           | an..35 | Unique identification to the package |
|                            | 1131 | Code List Identifier, coded     | C  | an2    | +  |                    |        |                                      |
| C                          | 7224 | Number of Packages              | M  | n..6   | +  | M                  | n..6   | Number of Single-Packages            |
| D                          | 6853 | <i>QUANTITY</i>                 | C  |        |    | C                  |        |                                      |
|                            |      | Quantity of Articles in Package | M  | n..10  | :  | M                  | n..10  |                                      |
| E                          | 6410 | Measure Unit Specifier          | C  | an..3  | +  | C                  | an..3  | see ODDC 25, default is „PCE“        |
|                            |      | <i>DIMENSIONS</i>               | C  |        |    |                    |        |                                      |
|                            | 6168 | Length Dimension                | C  | n..5   | :  |                    |        |                                      |
|                            | 6140 | Width Dimension                 | C  | n..5   | :  |                    |        |                                      |
|                            | 6008 | Height Dimension                | C  | n..5   | :  |                    |        |                                      |
|                            | 6410 | Measure Unit Specifier          | C  | an..3  | +  |                    |        |                                      |
|                            |      | <i>WEIGHT</i>                   | C  |        |    |                    |        |                                      |
|                            | 6292 | Gross Weight                    | C  | n..11  | :  |                    |        |                                      |
|                            | 6160 | Net Weight                      | C  | n..11  | :  |                    |        |                                      |
|                            | 6410 | Measure Unit Specifier          | C  | an..3  | +  |                    |        |                                      |
|                            | 2069 | Effective From Date, coded      | C  | n6     | '  |                    |        |                                      |

## NCO – Package Identification Numbers

Level: 3  
 ODETTE status: conditional      MSG status: conditional  
 Maximum use: n per TCO-segment      MSG occurrences: n per TCO-segment  
 Function: segment specifying label-numbers to the dispatched packages.  
 MSG interchange: see remarks.

Example:

**NCO+G123701+S301608624'**  
A      B

| ODETTE STANDARD DEFINITION |      |                                            |        |        |    | MSG IMPLEMENTATION   |        |                                                  |
|----------------------------|------|--------------------------------------------|--------|--------|----|----------------------|--------|--------------------------------------------------|
| REF                        | TAG  | NAME                                       | ST     | FT     | SP | ST                   | FT     | REMARKS                                          |
| A                          | 7246 | Transport Label Number                     | C      | an..17 | +  | <b>C</b>             | an..17 | Label-Number for mixed packages and Master-Label |
| B                          | 7102 | <i>MARKS AND NUMBERS</i><br>Shipping Marks | M<br>M | an..17 | +  | <b>M</b><br><b>M</b> | an..17 | Label-Number of single package (Single-Label)    |
|                            | 2837 | Date of Production, coded                  | C      | n6     | '  |                      |        |                                                  |

## PVT – Weight and Volume Totals

Level: 0  
 ODETTE status: conditional      MSG status: mandatory  
 Maximum use: 1 per message      MSG occurrences: 1 per message  
 Function: segment giving information to the Weight and Volume Totals of the Consignment.  
 MSG interchange:

Example:

**PVT+221:KGM++2:MTQ'**  
A   B   C   D

| ODETTE STANDARD DEFINITION |      |                                           |        |       |    | MSG IMPLEMENTATION   |       |                                |
|----------------------------|------|-------------------------------------------|--------|-------|----|----------------------|-------|--------------------------------|
| REF                        | TAG  | NAME                                      | ST     | FT    | SP | ST                   | FT    | REMARKS                        |
| A                          | 6012 | <i>WEIGHT</i><br>Consignment Gross Weight | M<br>M | n..12 | :  | <b>M</b><br><b>M</b> | n..12 | Consignment Gross-Weight Total |
| B                          | 6410 | Measure Unit Specifier                    | C      | an..3 | +  | <b>C</b>             | an..3 | see ODDC 25, default is "KGM"  |
|                            | 6306 | Vehicle Capacity Used                     | C      | n..4  | +  |                      |       |                                |
| C                          | 6422 | <i>CUBE</i><br>Consignment Cube           | C<br>M | n..9  | :  | <b>C</b><br><b>M</b> | n..9  | Consignment Cube Total         |
| D                          | 6410 | Measure Unit Specifier                    | C      | an..3 | '  | <b>C</b>             | an..3 | see ODDC 25, default is "MTQ"  |

### 3 Example of Message

Following example is only illustrative and does not necessarily reflect an existing situation. It **may never** be used as a basis for programming or implementing this message.

|                                                                         |                                              |
|-------------------------------------------------------------------------|----------------------------------------------|
| UNB+UNOA:1+SUPPLIER:01:LW017+O0013000438STEYR+150111:1045+1234+PASS+LFS |                                              |
| 987' UNH+1+AVIEXP:3::OD'                                                |                                              |
| MID+WA0221092+150111:1036'                                              |                                              |
| CDT+756060:HAMMERSMITH LTD:TK1'                                         | ASN-Number                                   |
| CSG+THO:MAGNA STEYR:94042204+GKA'                                       | Supplier-Code, Supplier-Plant                |
| DTR+WZ9KHD+:00086986+SPED MEIER+++++150111:1450'                        | Cust.-Plant, Cust.-Code, Unloading-Point     |
| DET+30+FCA'                                                             | Vehicle-Nr, Shipment-Nr, Freight-Fwd         |
| ARD+A4636000011:1710163+485:PCE+50031833+AT++:SAG 19/99N09'             | Mode of Transport, Payment-Mode              |
| Change ADP+++12583089+++1'                                              | Par-Nr 1, Qty dispatched, Engineering-       |
| DAI+82:KGM'                                                             | Nr of DELINS, Pos-Nr                         |
| TCO+KLT:VDA4328+1+150:PCE'                                              | Net-Weight of line-item                      |
| Packages NCO++S301608624'                                               | Package-Ref., Quantity of                    |
| ARD+A4636000215:1510144+800:PCE+50031833+AT++:SAG 29/00N18'             | Single-Label-Number                          |
| ADP+++12583089+++2'                                                     | Par-Nr 1, Qty dispatched, Engineering-Change |
| DAI+18:KGM' DAI+18:KGM'                                                 | Nr of DELINS, Pos-Nr                         |
| TCO+Palette:DB 2071+3+180:PCE'                                          | Net-Weight of line-item                      |
| Packages NCO++S301608625'                                               | Package-Ref., Quantity of                    |
| NCO++S301608626'                                                        | Single-Label-Number                          |
| NCO++S301608627'                                                        | Single-Label-Number                          |
| PVT+112:KGM++1:MTQ'                                                     | Single-Label-Number                          |
| UNT+20+1'                                                               | Gross-Weight of Consignment                  |
| UNZ+1+1234'                                                             | Number of Lines in Message                   |

For ease of reading the message has been shown with each segment type on a separate line, which will not be the case when the message is normally transmitted.

### 4 Revisions since previous version

Complete revision

### 5 List of abbreviations

| Abbreviation | Description                                    |
|--------------|------------------------------------------------|
| MSG          | Magna Steyr Standort Graz                      |
| ISO          | International Organization for Standardization |