



Message Implementation Guideline

# EDIFACT DESADV D.97A for suppliers (Benteler Global)

based on

## **DESADV**

Despatch advice message

## **UN D.97A S3**

Version: 1.6  
Issue date: 08.04.2024  
Author: Benteler

|                           |   |
|---------------------------|---|
| 1 Message Structure ..... | 2 |
| 2 Branching Diagram.....  | 3 |
| 3 Segments.....           | 8 |

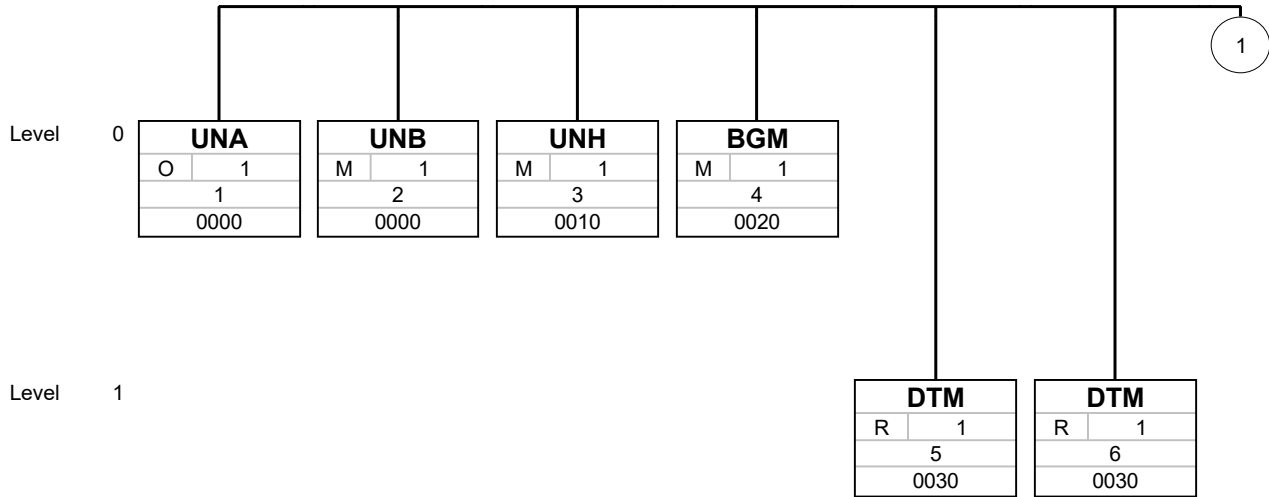
### Structure / Table of Contents

| Counter | No | Tag  | St | MaxOcc | Level | Content                        |
|---------|----|------|----|--------|-------|--------------------------------|
| 0000    | 1  | UNA  | O  | 1      | 0     | SERVICE STRING ADVICE          |
| 0000    | 2  | UNB  | M  | 1      | 0     | INTERCHANGE HEADER             |
| 0010    | 3  | UNH  | M  | 1      | 0     | MESSAGE HEADER                 |
| 0020    | 4  | BGM  | M  | 1      | 0     | BEGINNING OF MESSAGE           |
| 0030    | 5  | DTM  | R  | 1      | 1     | DOCUMENT DATE/TIME             |
| 0030    | 6  | DTM  | R  | 1      | 1     | DESPATCH DATE/TIME             |
| 0050    | 7  | MEA  | R  | 1      | 1     | SHIPPED QUANTITY               |
| 0070    |    | SG1  | D  | 1      | 1     | SHIPPING NOTE NUMBER (PUS)     |
| 0080    | 8  | RFF  | M  | 1      | 1     | REFERENCE                      |
| 0100    |    | SG2  | R  | 1      | 1     | NAD                            |
| 0110    | 9  | NAD  | M  | 1      | 1     | SHIP TO INFORMATION            |
| 0100    |    | SG2  | R  | 1      | 1     | NAD                            |
| 0110    | 10 | NAD  | M  | 1      | 1     | SUPPLIER INFORMATION           |
| 0230    |    | SG6  | R  | 1      | 1     | TDT                            |
| 0240    | 11 | TDT  | M  | 1      | 1     | DETAILS OF TRANSPORT           |
| 0290    |    | SG8  | R  | 1      | 1     | EQD                            |
| 0300    | 12 | EQD  | M  | 1      | 1     | EQUIPMENT DETAILS              |
| 0370    |    | SG10 | R  | 9999   | 1     | CPS-SG11-SG15                  |
| 0380    | 13 | CPS  | M  | 1      | 1     | CONSIGNMENT PACKING SEQUENCE   |
| 0400    |    | SG11 | R  | 9999   | 2     | PAC-QTY-SG13                   |
| 0410    | 14 | PAC  | M  | 1      | 2     | PACKAGE                        |
| 0430    | 15 | QTY  | R  | 1      | 3     | QUANTITY                       |
| 0470    |    | SG13 | R  | 1000   | 3     | PCI-GIR                        |
| 0480    | 16 | PCI  | M  | 1      | 3     | PACKAGE IDENTIFICATION         |
| 0510    | 17 | GIR  | R  | 999    | 4     | RELATED IDENTIFICATION NUMBERS |
| 0550    |    | SG15 | R  | 9999   | 2     | LIN-PIA-MEA-QTY-SG16-SG16      |
| 0560    | 18 | LIN  | M  | 1      | 2     | LINE ITEM                      |
| 0570    | 19 | PIA  | D  | 1      | 3     | ADDITIONAL PRODUCT ID          |
| 0590    | 20 | MEA  | D  | 10     | 3     | PHYSICAL DIMENSIONS            |
| 0600    | 21 | QTY  | R  | 1      | 3     | QUANTITY                       |
| 0710    |    | SG16 | R  | 1      | 3     | RFF                            |
| 0720    | 22 | RFF  | M  | 1      | 3     | REFERENCE ORDER NUMBER         |
| 0710    |    | SG16 | D  | 99     | 3     | RFF                            |
| 0720    | 23 | RFF  | M  | 1      | 3     | REFERENCE CHARGE               |
| 1040    | 24 | UNT  | M  | 1      | 0     | MESSAGE TRAILER                |
| 0000    | 25 | UNZ  | M  | 1      | 0     | INTERCHANGE TRAILER            |

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

restrictSt= Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

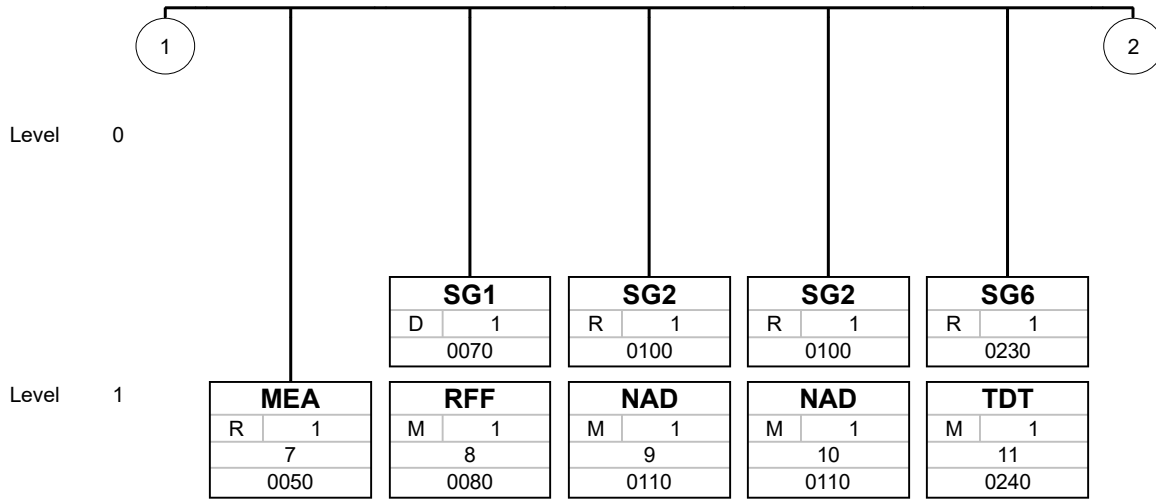
**Branching Diagram of Used Segments/Groups**



restricted

|           |
|-----------|
| Tag       |
| St MaxOcc |
| No        |
| Counter   |

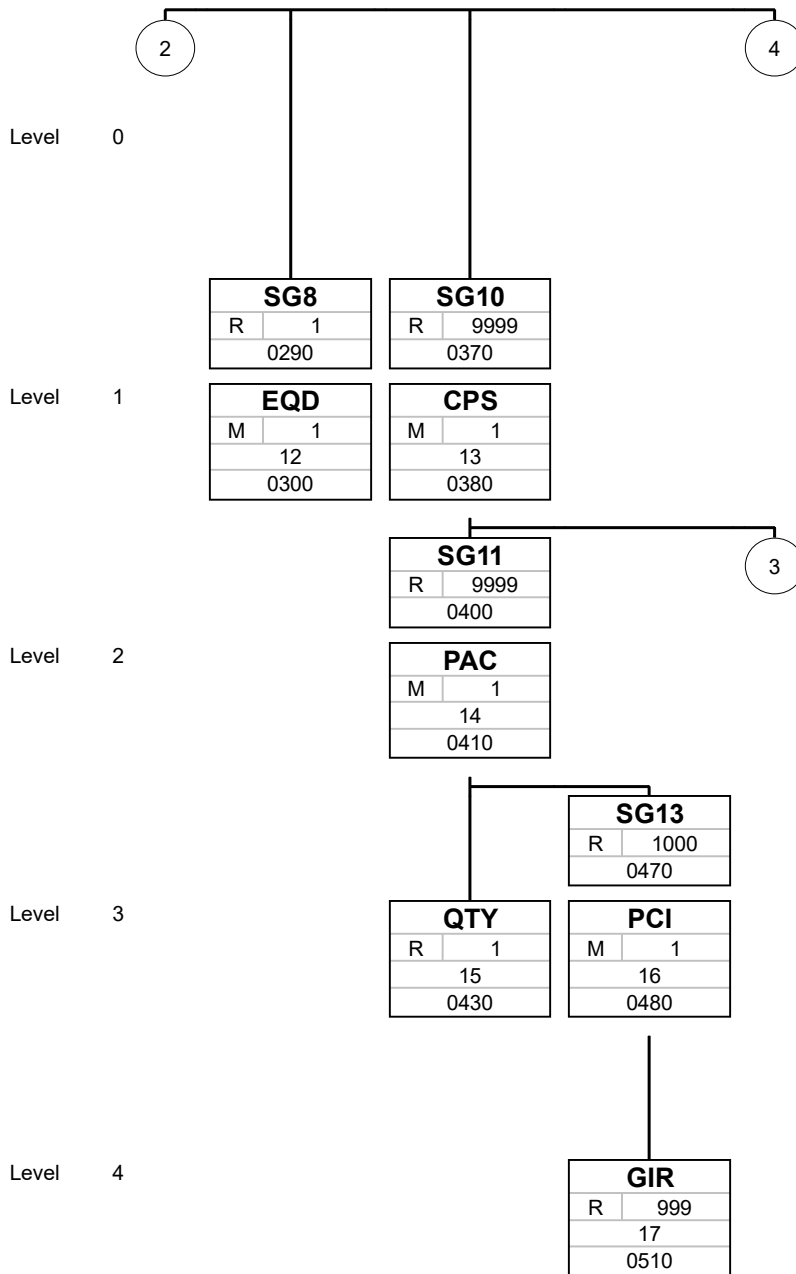
Tag = Segment/Group Tag  
 St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)  
 MaxOcc = Maximum occurrence of the segment/group  
 No = Consecutive segment number  
 Counter = Counter of segment/group within the standard



restricted

|           |
|-----------|
| Tag       |
| St MaxOcc |
| No        |
| Counter   |

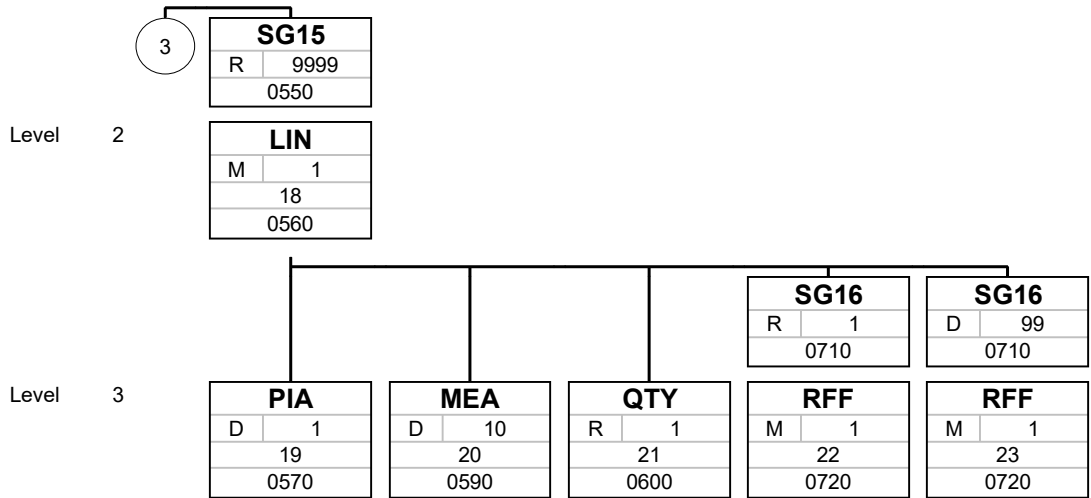
Tag = Segment/Group Tag  
 St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)  
 MaxOcc = Maximum occurrence of the segment/group  
 No = Consecutive segment number  
 Counter = Counter of segment/group within the standard



restricted

|           |
|-----------|
| Tag       |
| St MaxOcc |
| No        |
| Counter   |

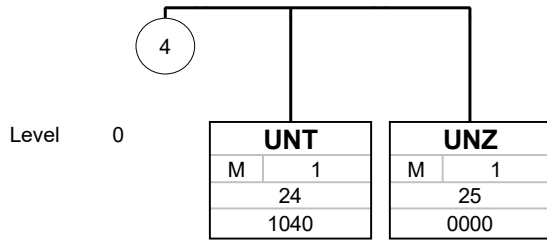
Tag = Segment/Group Tag  
 St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)  
 MaxOcc = Maximum occurrence of the segment/group  
 No = Consecutive segment number  
 Counter = Counter of segment/group within the standard



restricted

|           |
|-----------|
| Tag       |
| St MaxOcc |
| No        |
| Counter   |

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



restricted

|           |
|-----------|
| Tag       |
| St MaxOcc |
| No        |
| Counter   |

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

## Segments

| Counter | No | Tag | St | MaxOcc | Level | Name |
|---------|----|-----|----|--------|-------|------|
|---------|----|-----|----|--------|-------|------|

|      |   |            |   |   |   |                       |
|------|---|------------|---|---|---|-----------------------|
| 0000 | 1 | <b>UNA</b> | O | 1 | 0 | SERVICE STRING ADVICE |
|------|---|------------|---|---|---|-----------------------|

| Standard |                                  |           | Implementation |                |
|----------|----------------------------------|-----------|----------------|----------------|
| Tag      | Name                             | St Format | St Format      | Usage / Remark |
| UNA      |                                  |           |                |                |
| UNA1     | Component data element separator | M an1     | M an1          |                |
| UNA2     | Data element separator           | M an1     | M an1          |                |
| UNA3     | Decimal notation                 | M an1     | M an1          |                |
| UNA4     | Release indicator                | M an1     | M an1          |                |
| UNA5     | Reserved for future use          | M an1     | M an1          |                |
| UNA6     | Segment terminator               | M an1     | M an1          |                |

**Remark:**

**Example:**

UNA:+. ? ' ,

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

restricted = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used



| Counter | No | Tag | St | MaxOcc | Level | Name |
|---------|----|-----|----|--------|-------|------|
|---------|----|-----|----|--------|-------|------|

0000 2 **UNB** M 1 0 INTERCHANGE HEADER

|      |   | Standard  | Implementation |  |
|------|---|-----------|----------------|--|
| Tag  | Name  | St Format | St Format      | Usage / Remark                             |
| UNB  |   |           |                |  |
| S001 | SYNTAX IDENTIFIER                           | M         | M              |  |
| 0001 | Syntax identifier                           | M a4      | M a4           | <b>UNOA UN/ECE level A<br/>3 Version 3</b> |
| 0002 | Syntax version number                       | M n1      | M n1           |  |
| S002 | INTERCHANGE SENDER                          | M         | M              |  |
| 0004 | Sender identification                       | M an..35  | M an..35       | Defined by Sender                          |
| 0007 | Partner identification code<br>qualifier    | C an..4   | N              | Not used                                   |
| 0008 | Address for reverse routing                 | C an..14  | N              | Not used                                   |
| S003 | INTERCHANGE RECIPIENT                       | M         | M              |  |
| 0010 | Recipient identification                    | M an..35  | M an..35       | Defined by Receiver                        |
| 0007 | Partner identification code<br>qualifier    | C an..4   | N              | Not used                                   |
| 0014 | Routing address                             | C an..14  | N              | Not used                                   |
| S004 | DATE/TIME OF PREPARATION                    | M         | M              |  |
| 0017 | Date of preparation                         | M n6      | M n6           | Format: YYMMDD                             |
| 0019 | Time of preparation                         | M n4      | M n4           | Format: HHMM                               |
| 0020 | Interchange control reference               | M an..14  | M an..14       |  |
| S005 | RECIPIENT'S REFERENCE<br>PASSWORD           | C         | N              |  |
| 0022 | Recipient's reference/password              | M an..14  | N              | Not used                                   |
| 0025 | Recipient's reference/password<br>qualifier | C an2     | N              | Not used                                   |
| 0026 | Application reference                       | C an..14  | N              | Not used                                   |
| 0029 | Processing priority code                    | C a1      | N              | Not used                                   |
| 0031 | Acknowledgement request                     | C n1      | N              | Not used                                   |
| 0032 | Communications agreement ID                 | C an..35  | N              | Not used                                   |
| 0035 | Test indicator                              | C n1      | N              | Not used                                   |

**Remark:**

**Example:**

UNB+UNOA:3+2019813+0018+161208:2036+2135'

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

restrict = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

| Counter | No | Tag | St | MaxOcc | Level | Name |
|---------|----|-----|----|--------|-------|------|
|---------|----|-----|----|--------|-------|------|

|      |   |            |   |   |   |                |
|------|---|------------|---|---|---|----------------|
| 0010 | 3 | <b>UNH</b> | M | 1 | 0 | MESSAGE HEADER |
|------|---|------------|---|---|---|----------------|

| Standard |   |           | Implementation |   |
|----------|---|-----------|----------------|---|
| Tag      | Name  | St Format | St Format      | Usage / Remark                              |
| UNH      |   |           |                |   |
| 0062     | Message reference number                        | M an..14  | M an..14       |   |
| S009     | MESSAGE IDENTIFIER                              | M         | M              |   |
| 0065     | Message type identifier                         | M an..6   | M an..6        | <b>DESADV Despatch advice message</b>       |
| 0052     | Message type version number                     | M an..3   | M an..3        | <b>D Draft version/UN/EDIFACT Directory</b> |
| 0054     | Message type release number                     | M an..3   | M an..3        | <b>97A Release 1997 - A</b>                 |
| 0051     | Controlling agency                              | M an..2   | M an..2        | <b>UN UN/ECE/TRADE/WP.4</b>                 |
| 0057     | Association assigned code                       | C an..6   | N              | Not used                                    |
| 0068     | Common access reference                         | C an..35  | N              | Not used                                    |
| S010     | STATUS OF THE TRANSFER                          | C         | N              |   |
| 0070     | Sequence message transfer number                | M n..2    | N              | Not used                                    |
| 0073     | First/last sequence message transfer indication | C a1      | N              | Not used                                    |

**Remark:**

**Example:**

UNH+1+DESADV:D:97A:UN'

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

restricted = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

| Counter | No | Tag | St | MaxOcc | Level | Name |
|---------|----|-----|----|--------|-------|------|
|---------|----|-----|----|--------|-------|------|

0020 4 **BGM** M 1 0 BEGINNING OF MESSAGE

|      |                                     | Standard  | Implementation |                            |
|------|-------------------------------------|-----------|----------------|----------------------------|
| Tag  | Name                                | St Format | St Format      | Usage / Remark             |
| BGM  |                                     |           |                |                            |
| C002 | DOCUMENT/MESSAGE NAME               | C         | M              |                            |
| 1001 | Document/message name, coded        | C an..3   | M an..3        | <b>351 Despatch advice</b> |
| 1131 | Code list qualifier                 | C an..3   | N              | Not used                   |
| 3055 | Code list responsible agency, coded | C an..3   | N              | Not used                   |
| 1000 | Document/message name               | C an..35  | N              | Not used                   |
| C106 | DOCUMENT/MESSAGE IDENTIFICATION     | C         | R              |                            |
| 1004 | Document/message number             | C an..35  | R an..35       |                            |
| 1056 | Version                             | C an..9   | N              | Not used                   |
| 1060 | Revision number                     | C an..6   | N              | Not used                   |
| 1225 | Message function, coded             | C an..3   | R an..3        | <b>9 Original</b>          |
| 4343 | Response type, coded                | C an..3   | N              | Not used                   |

**Remark:**

**Example:**

BGM+351+2016/10093+9'

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

restricted = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

| Counter | No | Tag | St | MaxOcc | Level | Name |
|---------|----|-----|----|--------|-------|------|
|---------|----|-----|----|--------|-------|------|

|      |   |            |   |   |   |                    |
|------|---|------------|---|---|---|--------------------|
| 0030 | 5 | <b>DTM</b> | R | 1 | 1 | DOCUMENT DATE/TIME |
|------|---|------------|---|---|---|--------------------|

| Standard |                                   |           | Implementation |                                       |
|----------|-----------------------------------|-----------|----------------|---------------------------------------|
| Tag      | Name                              | St Format | St Format      | Usage / Remark                        |
| DTM      |                                   |           |                |                                       |
| C507     | DATE/TIME/PERIOD                  | M         | M              |                                       |
| 2005     | Date/time/period qualifier        | M an..3   | M an..3        | <b>137 Document/message date/time</b> |
| 2380     | Date/time/period                  | C an..35  | R an..35       |                                       |
| 2379     | Date/time/period format qualifier | C an..3   | R an..3        | <b>203 CCYYMMDDHHMM</b>               |

**Remark:**

**Example:**

DTM+137:201612082036:203'

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

restricted = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

| Counter | No | Tag        | St | MaxOcc | Level | Name               |
|---------|----|------------|----|--------|-------|--------------------|
| 0030    | 6  | <b>DTM</b> | R  | 1      | 1     | DESPATCH DATE/TIME |

| Standard |                                   |           | Implementation |                                     |
|----------|-----------------------------------|-----------|----------------|-------------------------------------|
| Tag      | Name                              | St Format | St Format      | Usage / Remark                      |
| DTM      |                                   |           |                |                                     |
| C507     | DATE/TIME/PERIOD                  | M         | M              |                                     |
| 2005     | Date/time/period qualifier        | M an..3   | M an..3        | <b>11 Despatch date and or time</b> |
| 2380     | Date/time/period                  | C an..35  | R an..35       |                                     |
| 2379     | Date/time/period format qualifier | C an..3   | R an..3        | <b>203 CCYYMMDDHHMM</b>             |

**Remark:**

**Example:**

DTM+11:201612082036:203'

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

restricted = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

| Counter | No | Tag | St | MaxOcc | Level | Name |
|---------|----|-----|----|--------|-------|------|
|---------|----|-----|----|--------|-------|------|

0050 7 **MEA** R 1 1 SHIPPED QUANTITY

| Standard |                                      |           | Implementation |   |
|----------|--------------------------------------|-----------|----------------|---|
| Tag      | Name                                 | St Format | St Format      | Usage / Remark  |
| MEA      |                                      |           |                |   |
| 6311     | Measurement purpose qualifier        | M an..3   | M an..3        | <b>AAX Consignment measurement</b>                            |
| C502     | MEASUREMENT DETAILS                  | C         | R              |   |
| 6313     | Property measured, coded             | C an..3   | R an..3        | <b>SQ Shipped quantity</b>                                    |
| 6321     | Measurement significance, coded      | C an..3   | N              | Not used  |
| 6155     | Measurement attribute identification | C an..17  | N              | Not used  |
| 6154     | Measurement attribute                | C an..70  | N              | Not used  |
| C174     | VALUE/RANGE                          | C         | R              |   |
| 6411     | Measure unit qualifier               | M an..3   | M an..3        | <b>C62 one</b><br>Further measure unit qualifiers can be used |
| 6314     | Measurement value                    | C an..18  | R an..18       |   |
| 6162     | Range minimum                        | C n..18   | N              | Not used  |
| 6152     | Range maximum                        | C n..18   | N              | Not used  |
| 6432     | Significant digits                   | C n..2    | N              | Not used  |
| 7383     | Surface/layer indicator, coded       | C an..3   | N              | Not used  |

**Remark:**

**Example:**

MEA+AAX+SQ+C62:17'

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

restricted = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

| Counter | No | Tag        | St | MaxOcc | Level | Name  |
|---------|----|------------|----|--------|-------|---|
| 0070    |    | <b>SG1</b> | D  | 1      | 1     | <b>SHIPPING NOTE NUMBER (PUS)</b><br>Only required if Supplier received a DELJIT Pickup sheet message before. |
| 0080    | 8  | <b>RFF</b> | M  | 1      | 1     | <b>REFERENCE</b>  |

|      |                          | Standard  | Implementation |                                 |  |
|------|--------------------------|-----------|----------------|---------------------------------|--|
| Tag  | Name                     | St Format | St Format      | Usage / Remark                  |  |
| RFF  |                          |           |                |                                 |  |
| C506 | REFERENCE                | M         | M              |                                 |  |
| 1153 | Reference qualifier      | M an..3   | M an..3        | <b>AEV Shipping note number</b> |  |
| 1154 | Reference number         | C an..35  | R an..35       | Shipping not number from PUS    |  |
| 1156 | Line number              | C an..6   | N              | Not used                        |  |
| 4000 | Reference version number | C an..35  | N              | Not used                        |  |

**Remark:**

The advanced shipping note number needs to be send back in DESADV when supplier received it in a BENTELER Pickup sheet message before (Reference in DELJIT D97A PUS message is: RFF+AAU).

**Example:**

RFF+AEV:007983484'

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

restricted= Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

| Counter | No | Tag        | St | MaxOcc | Level | Name                |
|---------|----|------------|----|--------|-------|---------------------|
| 0100    |    | <b>SG2</b> | R  | 1      | 1     | NAD                 |
| 0110    | 9  | <b>NAD</b> | M  | 1      | 1     | SHIP TO INFORMATION |

| Standard |                                     |           | Implementation |  |
|----------|-------------------------------------|-----------|----------------|--|
| Tag      | Name                                | St Format | St Format      | Usage / Remark                               |
| NAD      |                                     |           |                |  |
| 3035     | Party qualifier                     | M an..3   | M an..3        | <b>ST Ship to</b>                            |
| C082     | PARTY IDENTIFICATION DETAILS        | C         | R              |  |
| 3039     | Party id. identification            | M an..35  | M an..35       | Customer ship to plant                       |
| 1131     | Code list qualifier                 | C an..3   | N              | Not used                                     |
| 3055     | Code list responsible agency, coded | C an..3   | R an..3        | <b>92 Assigned by buyer or buyer's agent</b> |
| C058     | NAME AND ADDRESS                    | C         | N              |  |
| 3124     | Name and address line               | M an..35  | N              | Not used                                     |
| 3124     | Name and address line               | C an..35  | N              | Not used                                     |
| 3124     | Name and address line               | C an..35  | N              | Not used                                     |
| 3124     | Name and address line               | C an..35  | N              | Not used                                     |
| 3124     | Name and address line               | C an..35  | N              | Not used                                     |
| C080     | PARTY NAME                          | C         | N              |  |
| 3036     | Party name                          | M an..35  | N              | Not used                                     |
| 3036     | Party name                          | C an..35  | N              | Not used                                     |
| 3036     | Party name                          | C an..35  | N              | Not used                                     |
| 3036     | Party name                          | C an..35  | N              | Not used                                     |
| 3036     | Party name                          | C an..35  | N              | Not used                                     |
| 3045     | Party name format, coded            | C an..3   | N              | Not used                                     |
| C059     | STREET                              | C         | N              |  |
| 3042     | Street and number/p.o. box          | M an..35  | N              | Not used                                     |
| 3042     | Street and number/p.o. box          | C an..35  | N              | Not used                                     |
| 3042     | Street and number/p.o. box          | C an..35  | N              | Not used                                     |
| 3042     | Street and number/p.o. box          | C an..35  | N              | Not used                                     |
| 3164     | City name                           | C an..35  | N              | Not used                                     |
| 3229     | Country sub-entity identification   | C an..9   | N              | Not used                                     |
| 3251     | Postcode identification             | C an..9   | N              | Not used                                     |
| 3207     | Country, coded                      | C an..3   | N              | Not used                                     |

**Remark:**

**Example:**

NAD+ST+0018:::92'

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

restrict= Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used



| Counter | No | Tag        | St | MaxOcc | Level | Name                 |
|---------|----|------------|----|--------|-------|----------------------|
| 0100    |    | <b>SG2</b> | R  | 1      | 1     | NAD                  |
| 0110    | 10 | <b>NAD</b> | M  | 1      | 1     | SUPPLIER INFORMATION |

| Standard |                                     |           | Implementation |  |
|----------|-------------------------------------|-----------|----------------|--|
| Tag      | Name                                | St Format | St Format      | Usage / Remark                               |
| NAD      |                                     |           |                |  |
| 3035     | Party qualifier                     | M an..3   | M an..3        | <b>SU Supplier</b>                           |
| C082     | PARTY IDENTIFICATION DETAILS        | C         | R              |  |
| 3039     | Party id. identification            | M an..35  | M an..35       | Supplier ID                                  |
| 1131     | Code list qualifier                 | C an..3   | N              | Not used                                     |
| 3055     | Code list responsible agency, coded | C an..3   | R an..3        | <b>92 Assigned by buyer or buyer's agent</b> |
| C058     | NAME AND ADDRESS                    | C         | N              |  |
| 3124     | Name and address line               | M an..35  | N              | Not used                                     |
| 3124     | Name and address line               | C an..35  | N              | Not used                                     |
| 3124     | Name and address line               | C an..35  | N              | Not used                                     |
| 3124     | Name and address line               | C an..35  | N              | Not used                                     |
| 3124     | Name and address line               | C an..35  | N              | Not used                                     |
| C080     | PARTY NAME                          | C         | N              |  |
| 3036     | Party name                          | M an..35  | N              | Not used                                     |
| 3036     | Party name                          | C an..35  | N              | Not used                                     |
| 3036     | Party name                          | C an..35  | N              | Not used                                     |
| 3036     | Party name                          | C an..35  | N              | Not used                                     |
| 3036     | Party name                          | C an..35  | N              | Not used                                     |
| 3045     | Party name format, coded            | C an..3   | N              | Not used                                     |
| C059     | STREET                              | C         | N              |  |
| 3042     | Street and number/p.o. box          | M an..35  | N              | Not used                                     |
| 3042     | Street and number/p.o. box          | C an..35  | N              | Not used                                     |
| 3042     | Street and number/p.o. box          | C an..35  | N              | Not used                                     |
| 3042     | Street and number/p.o. box          | C an..35  | N              | Not used                                     |
| 3164     | City name                           | C an..35  | N              | Not used                                     |
| 3229     | Country sub-entity identification   | C an..9   | N              | Not used                                     |
| 3251     | Postcode identification             | C an..9   | N              | Not used                                     |
| 3207     | Country, coded                      | C an..3   | N              | Not used                                     |

**Remark:**

**Example:**

NAD+SU+2019813:::92'

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

restricted = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

| Counter | No | Tag        | St | MaxOcc | Level | Name                 |
|---------|----|------------|----|--------|-------|----------------------|
| 0230    |    | <b>SG6</b> | R  | 1      | 1     | TDT                  |
| 0240    | 11 | <b>TDT</b> | M  | 1      | 1     | DETAILS OF TRANSPORT |

|      |   | Standard  | Implementation |   |
|------|---|-----------|----------------|---|
| Tag  | Name  | St Format | St Format      | Usage / Remark                                      |
| TDT  |   |           |                |   |
| 8051 | Transport stage qualifier                   | M an..3   | M an..3        | <b>12 At departure</b>                              |
| 8028 | Conveyance reference number                 | C an..17  | N              | Not used  |
| C220 | MODE OF TRANSPORT                           | C         | R              |   |
| 8067 | Mode of transport, coded                    | C an..3   | R an..3        | <b>M DEFAULT</b>                                    |
| 8066 | Mode of transport                           | C an..17  | N              | Not used  |
| C228 | TRANSPORT MEANS                             | C         | N              |   |
| 8179 | Type of means of transport identification   | C an..8   | N              | Not used  |
| 8178 | Type of means of transport                  | C an..17  | N              | Not used  |
| C040 | CARRIER                                     | C         | R              |   |
| 3127 | Carrier identification                      | C an..17  | R an..17       |   |
| 1131 | Code list qualifier                         | C an..3   | N              | Not used  |
| 3055 | Code list responsible agency, coded         | C an..3   | R an..3        | <b>86 Assigned by party originating the message</b> |
| 3128 | Carrier name                                | C an..35  | N              | Not used  |
| 8101 | Transit direction, coded                    | C an..3   | N              | Not used  |
| C401 | EXCESS TRANSPORTATION INFORMATION           | C         | N              |   |
| 8457 | Excess transportation reason, coded         | M an..3   | N              | Not used  |
| 8459 | Excess transportation responsibility, coded | M an..3   | N              | Not used  |
| 7130 | Customer authorization number               | C an..17  | N              | Not used  |
| C222 | TRANSPORT IDENTIFICATION                    | C         | N              |   |
| 8213 | Id. of means of transport identification    | C an..9   | N              | Not used  |
| 1131 | Code list qualifier                         | C an..3   | N              | Not used  |
| 3055 | Code list responsible agency, coded         | C an..3   | N              | Not used  |
| 8212 | Id. of the means of transport               | C an..35  | N              | Not used  |
| 8453 | Nationality of means of transport, coded    | C an..3   | N              | Not used  |
| 8281 | Transport ownership, coded                  | C an..3   | N              | Not used  |

**Remark:**

**Example:**

TDT+12++M++CARRIER::86'

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

restrict= Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

| Counter | No | Tag        | St | MaxOcc | Level | Name                     |
|---------|----|------------|----|--------|-------|--------------------------|
| 0290    |    | <b>SG8</b> | R  | 1      | 1     | <b>EQD</b>               |
| 0300    | 12 | <b>EQD</b> | M  | 1      | 1     | <b>EQUIPMENT DETAILS</b> |

| Standard |  |           | Implementation |                              |
|----------|--|-----------|----------------|------------------------------|
| Tag      | Name                                   | St Format | St Format      | Usage / Remark               |
| EQD      |  |           |                |                              |
| 8053     | Equipment qualifier                    | M an..3   | M an..3        | <b>TE Trailer</b><br>DEFAULT |
| C237     | EQUIPMENT IDENTIFICATION               | C         | R              |                              |
| 8260     | Equipment identification number        | C an..17  | R an..17       |                              |
| 1131     | Code list qualifier                    | C an..3   | N              | Not used                     |
| 3055     | Code list responsible agency, coded    | C an..3   | N              | Not used                     |
| 3207     | Country, coded                         | C an..3   | N              | Not used                     |
| C224     | EQUIPMENT SIZE AND TYPE                | C         | N              |                              |
| 8155     | Equipment size and type identification | C an..10  | N              | Not used                     |
| 1131     | Code list qualifier                    | C an..3   | N              | Not used                     |
| 3055     | Code list responsible agency, coded    | C an..3   | N              | Not used                     |
| 8154     | Equipment size and type                | C an..35  | N              | Not used                     |
| 8077     | Equipment supplier, coded              | C an..3   | N              | Not used                     |
| 8249     | Equipment status, coded                | C an..3   | N              | Not used                     |
| 8169     | Full/empty indicator, coded            | C an..3   | N              | Not used                     |

**Remark:**

**Example:**

EQD+TE+X'

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

restricted = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

| Counter | No | Tag         | St | MaxOcc | Level | Name                                |
|---------|----|-------------|----|--------|-------|-------------------------------------|
| 0370    |    | <b>SG10</b> | R  | 9999   | 1     | <b>CPS-SG11-SG15</b>                |
| 0380    | 13 | <b>CPS</b>  | M  | 1      | 1     | <b>CONSIGNMENT PACKING SEQUENCE</b> |

| Standard |                         |           | Implementation |  |
|----------|-------------------------|-----------|----------------|--|
| Tag      | Name                    | St Format | St Format      | Usage / Remark   |
| CPS      |                         |           |                |  |
| 7164     | Hierarchical id. number | M an..12  | M an..12       |  |
| 7166     | Hierarchical parent id. | C an..12  | R an..12       |  |
| 7075     | Packaging level, coded  | C an..3   | R an..3        | <b>1 Inner</b><br><b>2 Intermediate</b><br><b>3 Outer</b><br><b>4 No packaging hierarchy</b> |

**Remark:**  
 CPS qualifier 4 (CPS\_7075) is only allowed with agreement from Benteler business.

**Example:**  
 CPS+1+1+3'

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

restricted = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

| Counter   | No | Tag         | St | MaxOcc | Level | Name                |
|---|----|-------------|----|--------|-------|---------------------|
| 0400  |    | <b>SG11</b> | R  | 9999   | 2     | <b>PAC-QTY-SG13</b> |
| SG11 is required when CPS qualifier in CPS_7075 is 1, 2 or 3. |    |             |    |        |       |                     |
| 0410  | 14 | <b>PAC</b>  | M  | 1      | 2     | <b>PACKAGE</b>      |

| Standard |  |           | Implementation |   |
|----------|--|-----------|----------------|---|
| Tag      | Name   | St Format | St Format      | Usage / Remark  |
| PAC      |  |           |                |   |
| 7224     | Number of packages                                       | C n..8    | R n..8         |   |
| C531     | PACKAGING DETAILS  | C         | R              |   |
| 7075     | Packaging level, coded                                   | C an..3   | R an..3        | <b>1 Inner</b><br><b>2 Intermediate</b><br><b>3 Outer</b> |
| 7233     | Packaging related information, coded                     | C an..3   | N              | Not used  |
| 7073     | Packaging terms and conditions, coded                    | C an..3   | N              | Not used  |
| C202     | PACKAGE TYPE   | C         | R              |   |
| 7065     | Type of packages identification                          | C an..17  | R an..17       |   |
| 1131     | Code list qualifier                                      | C an..3   | N              | Not used  |
| 3055     | Code list responsible agency, coded                      | C an..3   | N              | Not used  |
| 7064     | Type of packages   | C an..35  | N              | Not used  |
| C402     | PACKAGE TYPE IDENTIFICATION                              | C         | N              |   |
| 7077     | Item description type, coded                             | M an..3   | N              | Not used  |
| 7064     | Type of packages   | M an..35  | N              | Not used  |
| 7143     | Item number type, coded                                  | C an..3   | N              | Not used  |
| 7064     | Type of packages   | C an..35  | N              | Not used  |
| 7143     | Item number type, coded                                  | C an..3   | N              | Not used  |
| C532     | RETURNABLE PACKAGE DETAILS                               | C         | N              |   |
| 8395     | Returnable package freight payment responsibility, coded | C an..3   | N              | Not used  |
| 8393     | Returnable package load contents, coded                  | C an..3   | N              | Not used  |

**Remark:**

**Example:**

PAC+1+3+P1234'

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

restricted = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

| Counter   | No | Tag         | St | MaxOcc | Level | Name                |
|---|----|-------------|----|--------|-------|---------------------|
| 0400  |    | <b>SG11</b> | R  | 9999   | 2     | <b>PAC-QTY-SG13</b> |
| SG11 is required when CPS qualifier in CPS_7075 is 1, 2 or 3. |    |             |    |        |       |                     |
| 0430  | 15 | <b>QTY</b>  | R  | 1      | 3     | <b>QUANTITY</b>     |

| Standard |                        |           | Implementation |   |
|----------|------------------------|-----------|----------------|---|
| Tag      | Name                   | St Format | St Format      | Usage / Remark  |
| QTY      |                        |           |                |   |
| C186     | QUANTITY DETAILS       | M         | R              |   |
| 6063     | Quantity qualifier     | M an..3   | M an..3        | <b>52 Quantity per pack</b>                                   |
| 6060     | Quantity               | M n..15   | M n..15        |   |
| 6411     | Measure unit qualifier | C an..3   | R an..3        | <b>C62 one</b><br>Further measure unit qualifiers can be used |

**Remark:**

**Example:**

QTY+52:50:C62'

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

restricted = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

| Counter  | No | Tag         | St | MaxOcc | Level | Name                          |
|--|----|-------------|----|--------|-------|-------------------------------|
| 0470   |    | <b>SG13</b> | R  | 1000   | 3     | <b>PCI-GIR</b>                |
| SG13 is required when CPS qualifier in CPS_7075 is 1 or 3. |    |             |    |        |       |                               |
| 0480   | 16 | <b>PCI</b>  | M  | 1      | 3     | <b>PACKAGE IDENTIFICATION</b> |

| Standard   |                                     |           | Implementation |                             |
|------------|-------------------------------------|-----------|----------------|-----------------------------|
| Tag        | Name                                | St Format | St Format      | Usage / Remark              |
| <b>PCI</b> |                                     |           |                |                             |
| 4233       | Marking instructions, coded         | C an..3   | R an..3        | <b>ZZZ Mutually defined</b> |
| C210       | MARKS & LABELS                      | C         | N              |                             |
| 7102       | Shipping marks                      | M an..35  | N              | Not used                    |
| 7102       | Shipping marks                      | C an..35  | N              | Not used                    |
| 7102       | Shipping marks                      | C an..35  | N              | Not used                    |
| 7102       | Shipping marks                      | C an..35  | N              | Not used                    |
| 7102       | Shipping marks                      | C an..35  | N              | Not used                    |
| 7102       | Shipping marks                      | C an..35  | N              | Not used                    |
| 7102       | Shipping marks                      | C an..35  | N              | Not used                    |
| 7102       | Shipping marks                      | C an..35  | N              | Not used                    |
| 7102       | Shipping marks                      | C an..35  | N              | Not used                    |
| 7102       | Shipping marks                      | C an..35  | N              | Not used                    |
| 8275       | Container/package status, coded     | C an..3   | N              | Not used                    |
| C827       | TYPE OF MARKING                     | C         | N              |                             |
| 7511       | Type of marking, coded              | M an..3   | N              | Not used                    |
| 1131       | Code list qualifier                 | C an..3   | N              | Not used                    |
| 3055       | Code list responsible agency, coded | C an..3   | N              | Not used                    |

**Remark:**

**Example:**

PCI+ZZZ'

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

restrict= Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

| Counter  | No | Tag         | St | MaxOcc | Level | Name                                  |
|--|----|-------------|----|--------|-------|---------------------------------------|
| 0470   |    | <b>SG13</b> | R  | 1000   | 3     | <b>PCI-GIR</b>                        |
| SG13 is required when CPS qualifier in CPS_7075 is 1 or 3. |    |             |    |        |       |                                       |
| 0510   | 17 | <b>GIR</b>  | R  | 999    | 4     | <b>RELATED IDENTIFICATION NUMBERS</b> |

|      |                              | Standard  | Implementation |                         |  |
|------|------------------------------|-----------|----------------|-------------------------|--|
| Tag  | Name                         | St Format | St Format      | Usage / Remark          |  |
| GIR  |                              |           |                |                         |  |
| 7297 | Set identification qualifier | M an..3   | M an..3        | <b>3 Package</b>        |  |
| C206 | IDENTIFICATION NUMBER        | M         | M              |                         |  |
| 7402 | Identity number              | M an..35  | M an..35       |                         |  |
| 7405 | Identity number qualifier    | C an..3   | R an..3        | <b>BN Serial number</b> |  |
| 4405 | Status, coded                | C an..3   | N              | Not used                |  |
| C206 | IDENTIFICATION NUMBER        | C         | N              |                         |  |
| 7402 | Identity number              | M an..35  | N              | Not used                |  |
| 7405 | Identity number qualifier    | C an..3   | N              | Not used                |  |
| 4405 | Status, coded                | C an..3   | N              | Not used                |  |
| C206 | IDENTIFICATION NUMBER        | C         | N              |                         |  |
| 7402 | Identity number              | M an..35  | N              | Not used                |  |
| 7405 | Identity number qualifier    | C an..3   | N              | Not used                |  |
| 4405 | Status, coded                | C an..3   | N              | Not used                |  |
| C206 | IDENTIFICATION NUMBER        | C         | N              |                         |  |
| 7402 | Identity number              | M an..35  | N              | Not used                |  |
| 7405 | Identity number qualifier    | C an..3   | N              | Not used                |  |
| 4405 | Status, coded                | C an..3   | N              | Not used                |  |
| C206 | IDENTIFICATION NUMBER        | C         | N              |                         |  |
| 7402 | Identity number              | M an..35  | N              | Not used                |  |
| 7405 | Identity number qualifier    | C an..3   | N              | Not used                |  |
| 4405 | Status, coded                | C an..3   | N              | Not used                |  |

**Remark:**

**Example:**

GIR+3+900001:BN'

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

restrict= Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used



| Counter | No | Tag         | St | MaxOcc | Level | Name                 |
|---------|----|-------------|----|--------|-------|----------------------|
| 0550    |    | <b>SG15</b> | R  | 9999   | 2     | LIN-PIA-MEA-QTY-SG16 |
| 0560    | 18 | <b>LIN</b>  | M  | 1      | 2     | LINE ITEM            |

| Standard |                                     |           | Implementation |                               |
|----------|-------------------------------------|-----------|----------------|-------------------------------|
| Tag      | Name                                | St Format | St Format      | Usage / Remark                |
| LIN      |                                     |           |                |                               |
| 1082     | Line item number                    | C an..6   | R an..6        |                               |
| 1229     | Action request/notification, coded  | C an..3   | N              | Not used                      |
| C212     | ITEM NUMBER IDENTIFICATION          | C         | R              |                               |
| 7140     | Item number                         | C an..35  | R an..35       |                               |
| 7143     | Item number type, coded             | C an..3   | R an..3        | <b>IN Buyer's item number</b> |
| 1131     | Code list qualifier                 | C an..3   | N              | Not used                      |
| 3055     | Code list responsible agency, coded | C an..3   | N              | Not used                      |
| C829     | SUB-LINE INFORMATION                | C         | N              |                               |
| 5495     | Sub-line indicator, coded           | C an..3   | N              | Not used                      |
| 1082     | Line item number                    | C an..6   | N              | Not used                      |
| 1222     | Configuration level                 | C n..2    | N              | Not used                      |
| 7083     | Configuration, coded                | C an..3   | N              | Not used                      |

**Remark:**

**Example:**

LIN+1++9001:IN'

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

restricted = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

| Counter | No | Tag         | St | MaxOcc | Level | Name                  |
|---------|----|-------------|----|--------|-------|-----------------------|
| 0550    |    | <b>SG15</b> | R  | 9999   | 2     | LIN-PIA-MEA-QTY-SG16  |
| 0570    | 19 | <b>PIA</b>  | D  | 1      | 3     | ADDITIONAL PRODUCT ID |

| Standard |                                     |           | Implementation |                                     |
|----------|-------------------------------------|-----------|----------------|-------------------------------------|
| Tag      | Name                                | St Format | St Format      | Usage / Remark                      |
| PIA      |                                     |           |                |                                     |
| 4347     | Product id. function qualifier      | M an..3   | M an..3        | <b>1 Additional identification</b>  |
| C212     | ITEM NUMBER IDENTIFICATION          | M         | M              |                                     |
| 7140     | Item number                         | C an..35  | D an..35       | Engineering Change level            |
| 7143     | Item number type, coded             | C an..3   | D an..3        | <b>EC Engineering change level</b>  |
| 1131     | Code list qualifier                 | C an..3   | N              | Not used                            |
| 3055     | Code list responsible agency, coded | C an..3   | N              | Not used                            |
| C212     | ITEM NUMBER IDENTIFICATION          | C         | O              |                                     |
| 7140     | Item number                         | C an..35  | O an..35       | Suppliers articel                   |
| 7143     | Item number type, coded             | C an..3   | O an..3        | <b>SA Supplier's article number</b> |
| 1131     | Code list qualifier                 | C an..3   | N              | Not used                            |
| 3055     | Code list responsible agency, coded | C an..3   | N              | Not used                            |
| C212     | ITEM NUMBER IDENTIFICATION          | C         | N              |                                     |
| 7140     | Item number                         | C an..35  | N              | Not used                            |
| 7143     | Item number type, coded             | C an..3   | N              | Not used                            |
| 1131     | Code list qualifier                 | C an..3   | N              | Not used                            |
| 3055     | Code list responsible agency, coded | C an..3   | N              | Not used                            |
| C212     | ITEM NUMBER IDENTIFICATION          | C         | N              |                                     |
| 7140     | Item number                         | C an..35  | N              | Not used                            |
| 7143     | Item number type, coded             | C an..3   | N              | Not used                            |
| 1131     | Code list qualifier                 | C an..3   | N              | Not used                            |
| 3055     | Code list responsible agency, coded | C an..3   | N              | Not used                            |
| C212     | ITEM NUMBER IDENTIFICATION          | C         | N              |                                     |
| 7140     | Item number                         | C an..35  | N              | Not used                            |
| 7143     | Item number type, coded             | C an..3   | N              | Not used                            |
| 1131     | Code list qualifier                 | C an..3   | N              | Not used                            |
| 3055     | Code list responsible agency, coded | C an..3   | N              | Not used                            |

**Remark:**  
Additional Product information needs to be set if requested by BENTELER plant.

**Example:**  
PIA+1+A:EC+90000202:SA'

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard  
 restrict = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

| Counter | No   | Tag         | St | MaxOcc | Level | Name                 |
|---------|------|-------------|----|--------|-------|----------------------|
|         | 0550 | <b>SG15</b> | R  | 9999   | 2     | LIN-PIA-MEA-QTY-SG16 |
|         | 0590 | <b>MEA</b>  | D  | 10     | 3     | PHYSICAL DIMENSIONS  |

| Standard |                                      |           | Implementation |  |
|----------|--------------------------------------|-----------|----------------|--|
| Tag      | Name                                 | St Format | St Format      | Usage / Remark   |
| MEA      |                                      |           |                |  |
| 6311     | Measurement purpose qualifier        | M an..3   | M an..3        | <b>PD Physical dimensions (product ordered)</b>                      |
| C502     | MEASUREMENT DETAILS                  | C         | R              |  |
| 6313     | Property measured, coded             | C an..3   | R an..3        | <b>WT Weight</b><br><b>WD Width dimension</b><br><b>TH Thickness</b> |
| 6321     | Measurement significance, coded      | C an..3   | N              | Not used   |
| 6155     | Measurement attribute identification | C an..17  | N              | Not used   |
| 6154     | Measurement attribute                | C an..70  | N              | Not used   |
| C174     | VALUE/RANGE                          | C         | R              |  |
| 6411     | Measure unit qualifier               | M an..3   | M an..3        | <b>KGM kilogram</b><br><b>MMT millimetre</b>                         |
| 6314     | Measurement value                    | C an..18  | R an..18       |  |
| 6162     | Range minimum                        | C n..18   | N              | Not used   |
| 6152     | Range maximum                        | C n..18   | N              | Not used   |
| 6432     | Significant digits                   | C n..2    | N              | Not used   |
| 7383     | Surface/layer indicator, coded       | C an..3   | N              | Not used   |

**Remark:**

The use of this segment depends on, if the product is a charging product.

**Example:**

MEA+PD+WT+KGM:12323'

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

restrict= Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

| Counter | No   | Tag         | St | MaxOcc | Level | Name                 |
|---------|------|-------------|----|--------|-------|----------------------|
|         | 0550 | <b>SG15</b> | R  | 9999   | 2     | LIN-PIA-MEA-QTY-SG16 |
|         | 0600 | <b>QTY</b>  | R  | 1      | 3     | QUANTITY             |

| Standard |                        |           | Implementation |   |
|----------|------------------------|-----------|----------------|---|
| Tag      | Name                   | St Format | St Format      | Usage / Remark  |
| QTY      |                        |           |                |   |
| C186     | QUANTITY DETAILS       | M         | M              |   |
| 6063     | Quantity qualifier     | M an..3   | M an..3        | <b>12 Despatch quantity</b>                                   |
| 6060     | Quantity               | M n..15   | M n..15        |   |
| 6411     | Measure unit qualifier | C an..3   | R an..3        | <b>C62 one</b><br>Further measure unit qualifiers can be used |

**Remark:**

**Example:**

QTY+12:110:C62'

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

restricted = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

| Counter | No | Tag         | St | MaxOcc | Level | Name                          |
|---------|----|-------------|----|--------|-------|-------------------------------|
| 0710    |    | <b>SG16</b> | R  | 1      | 3     | <b>RFF</b>                    |
| 0720    | 22 | <b>RFF</b>  | M  | 1      | 3     | <b>REFERENCE ORDER NUMBER</b> |

| Standard |                          |           | Implementation |   |
|----------|--------------------------|-----------|----------------|---|
| Tag      | Name                     | St Format | St Format      | Usage / Remark                                  |
| RFF      |                          |           |                |   |
| C506     | REFERENCE                | M         | M              |   |
| 1153     | Reference qualifier      | M an..3   | M an..3        | <b>ON Order number (purchase)</b>               |
| 1154     | Reference number         | C an..35  | R an..35       |   |
| 1156     | Line number              | C an..6   | D an..6        | Is only required if Benteler plant requests it. |
| 4000     | Reference version number | C an..35  | N              | Not used  |

**Remark:**

**Example:**

RFF+ON:N55109001:10'

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

restricted = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

| Counter | No   | Tag         | St | MaxOcc | Level | Name                    |
|---------|------|-------------|----|--------|-------|-------------------------|
|         | 0710 | <b>SG16</b> | D  | 99     | 3     | <b>RFF</b>              |
|         | 0720 | <b>RFF</b>  | M  | 1      | 3     | <b>REFERENCE CHARGE</b> |

| Standard |                          |           | Implementation |   |
|----------|--------------------------|-----------|----------------|---|
| Tag      | Name                     | St Format | St Format      | Usage / Remark  |
| RFF      |                          |           |                |   |
| C506     | REFERENCE                | M         | M              |   |
| 1153     | Reference qualifier      | M an..3   | M an..3        | <b>BT</b> Batch number/lot number<br><b>ACP</b> Hot roll number<br><b>ACQ</b> Cold roll number<br><b>ACO</b> Iron charge number |
| 1154     | Reference number         | C an..35  | R an..35       |   |
| 1156     | Line number              | C an..6   | N              | Not used  |
| 4000     | Reference version number | C an..35  | N              | Not used  |

**Remark:**

The use of this segment depends on, if the product is a charging product.

**Example:**

RFF+BT: 432576 '

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

restricted= Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

| Counter | No | Tag        | St | MaxOcc | Level | Name            |
|---------|----|------------|----|--------|-------|-----------------|
| 1040    | 24 | <b>UNT</b> | M  | 1      | 0     | MESSAGE TRAILER |

| Standard |                                 |           | Implementation |                |
|----------|---------------------------------|-----------|----------------|----------------|
| Tag      | Name                            | St Format | St Format      | Usage / Remark |
| UNT      |                                 |           |                |                |
| 0074     | Number of segments in a message | M n..6    | M n..6         |                |
| 0062     | Message reference number        | M an..14  | M an..14       |                |

**Remark:**

**Example:**  
UNT+20+1'

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

restricted = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

| Counter | No | Tag        | St | MaxOcc | Level | Name                |
|---------|----|------------|----|--------|-------|---------------------|
| 0000    | 25 | <b>UNZ</b> | M  | 1      | 0     | INTERCHANGE TRAILER |

| Standard |                               |           | Implementation |                |
|----------|-------------------------------|-----------|----------------|----------------|
| Tag      | Name                          | St Format | St Format      | Usage / Remark |
| UNZ      |                               |           |                |                |
| 0036     | Interchange control count     | M n..6    | M n..6         |                |
| 0020     | Interchange control reference | M an..14  | M an..14       |                |

**Remark:**

**Example:**

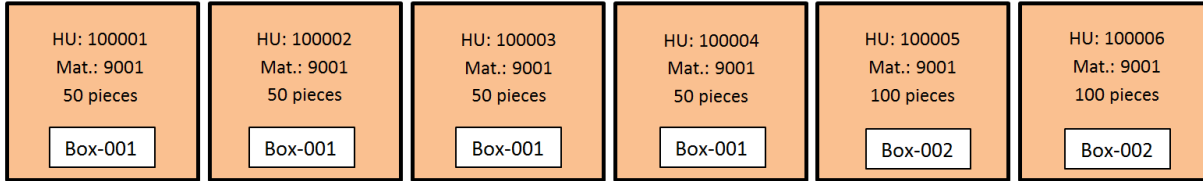
UNZ+1+2135'

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

restricted = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used



Example 1 (without packing hierarchie):



partnumber 9001 total amount: 400 boxes 6

```

Box1 : package identification is BOX-001 amount: 50 unique number is 100001
Box2 : package identification is BOX-001 amount: 50 unique number is 100002
Box3 : package identification is BOX-001 amount: 50 unique number is 100003
Box4 : package identification is BOX-001 amount: 50 unique number is 100004

Box5 : package identification is BOX-002 amount: 100 unique number is 100005
Box6 : package identification is BOX-002 amount: 100 unique number is 100006
    
```

```

UNB+UNOA:3+2019813:91+0018:92+140419:2036+21351'
UNH+1+DESADV:D:97A:UN'
BGM+351+2014/10093+9'
DTM+137:201404192036:203'
DTM+11:201404192036:203'
MEA+AAX+SQ+C62:17'
NAD+ST+0018::92'
NAD+SU+2019813::92'
TDT+12++M++CARRIER::86'
EQD+TE+X'
CPS+1++1'
PAC+4+1+BOX-001'
QTY+52:50:C62'
PCI:ZZZ'
GIR+3+100001:BN'
GIR+3+100002:BN'
GIR+3+100003:BN'
GIR+3+100004:BN'
CPS+2++1'
PAC+2+1+BOX-002'
QTY+52:100:C62'
PCI:ZZZ'
GIR+3+100005:BN'
GIR+3+100006:BN'
LIN+1++9001:IN'
    
```

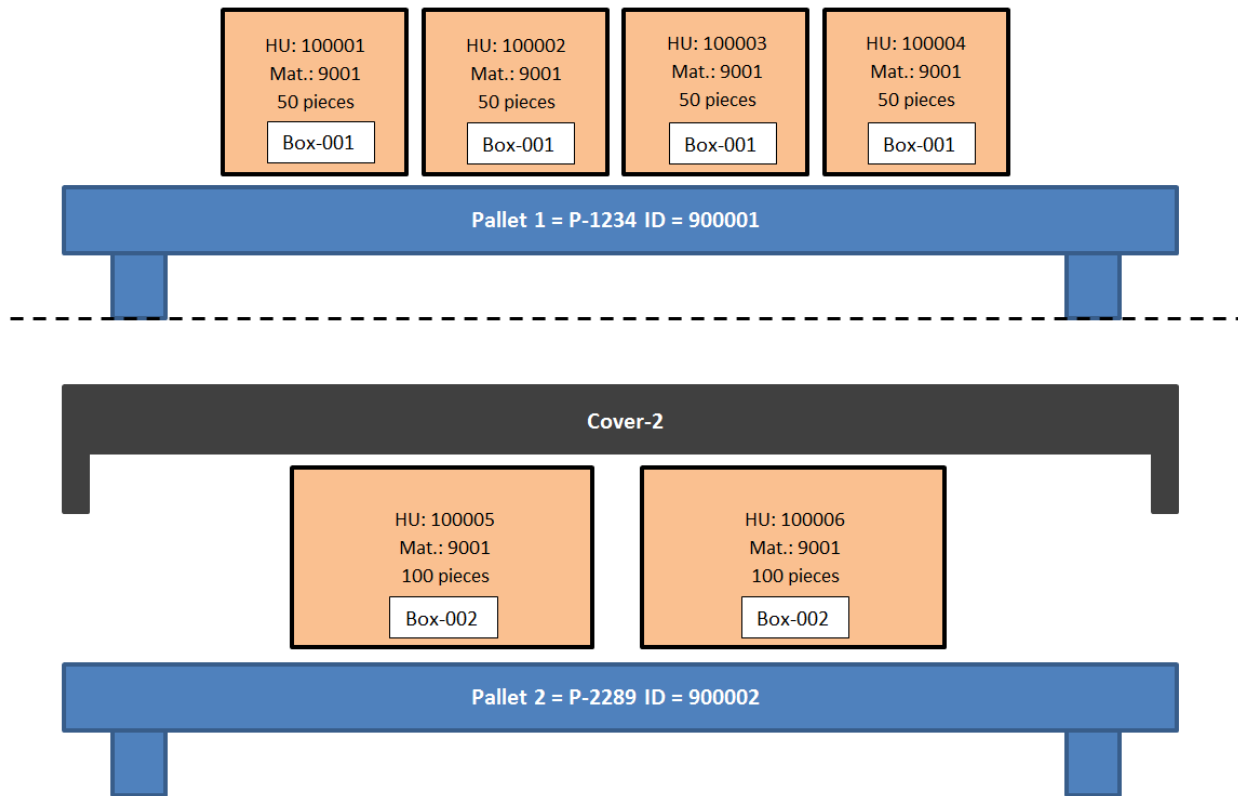
|  |   |
|--|---|
| No = Consecutive segment number                        | restrict= Status  |
| MaxOcc = Maximum occurrence of the segment/group       | EDIFACT: M=Mandatory, C=Conditional                                       |
| Counter = Counter of segment/group within the standard | User specific: R=Required, O=Optional, D=Dependent, A=Advised, N=Not used |

QTY+12:400:C62'  
RFF+ON:N55109001'  
UNT+27+1'  
UNZ+1+21351'

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

restriction = Status  
EDIFACT: M=Mandatory, C=Conditional  
User specific: R=Required, O=Optional, D=Dependent,  
A=Advised, N=Not used

Example 2 (master/single):



```

Pallet 1 : package identification is P-1234 unique number is 900001
Pallet 2 : package identification is P-2289 unique number is 900002 and COVER-2

partnumber 9001 total amount: 400 boxes 6

Box1 : package identification is BOX-001 amount: 50 unique number is 100001
Box2 : package identification is BOX-001 amount: 50 unique number is 100002
Box3 : package identification is BOX-001 amount: 50 unique number is 100003
Box4 : package identification is BOX-001 amount: 50 unique number is 100004

Box5 : package identification is BOX-002 amount: 100 unique number is 100005
Box6 : package identification is BOX-002 amount: 100 unique number is 100006
    
```

```

#-----
Pallet 1 : 900001
filled with Box number
100001
100002
100003
    
```

```

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

restrict= Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,
A=Advised, N=Not used
    
```

100004

#-----

Pallet 2 : 900002  
 filled with Box number  
 100005  
 100006  
 COVER-2

UNB+UNOA:3+2019813:91+0018:92+140419:2036+21352'  
 UNH+1+DESADV:D:97A:UN'  
 BGM+351+2014/20093+9'  
 DTM+137:201404192036:203'  
 DTM+11:201404192036:203'  
 MEA+AAX+SQ+C62:17'  
 NAD+ST+0018::92'  
 NAD+SU+2019813::92'  
 TDT+12++M++CARRIER::86'  
 EQD+TE+X'  
 CPS+1++3'  
 PAC+1+3+P1234'  
 QTY+52:4:C62'  
 PCI:ZZZ'  
 GIR+3+900001:BN'  
 CPS+2+1+1'  
 PAC+4+1+BOX-001'  
 QTY+52:50:C62'  
 PCI:ZZZ'  
 GIR+3+100001:BN'  
 GIR+3+100002:BN'  
 GIR+3+100003:BN'  
 GIR+3+100004:BN'  
 CPS+3++3'  
 PAC+1+3+P-2289'  
 QTY+52:2:C62'  
 PCI:ZZZ'  
 GIR+3+900002:BN'  
 CPS+4+3+1'  
 PAC+2+1+BOX-002'  
 QTY+52:100:C62'  
 PCI:ZZZ'  
 GIR+3+100005:BN'  
 GIR+3+100006:BN'  
 CPS+5+3+2'  
 PAC+1+2+COVER002'  
 QTY+52:1:C62'  
 LIN+1++9001:IN'  
 QTY+12:400:C62'

|  |  |
|--|--|
| No = Consecutive segment number                        | restrict= Status   |
| MaxOcc = Maximum occurrence of the segment/group       | EDIFACT: M=Mandatory, C=Conditional  |
| Counter = Counter of segment/group within the standard | User specific: R=Required, O=Optional, D=Dependent,<br>A=Advised, N=Not used |

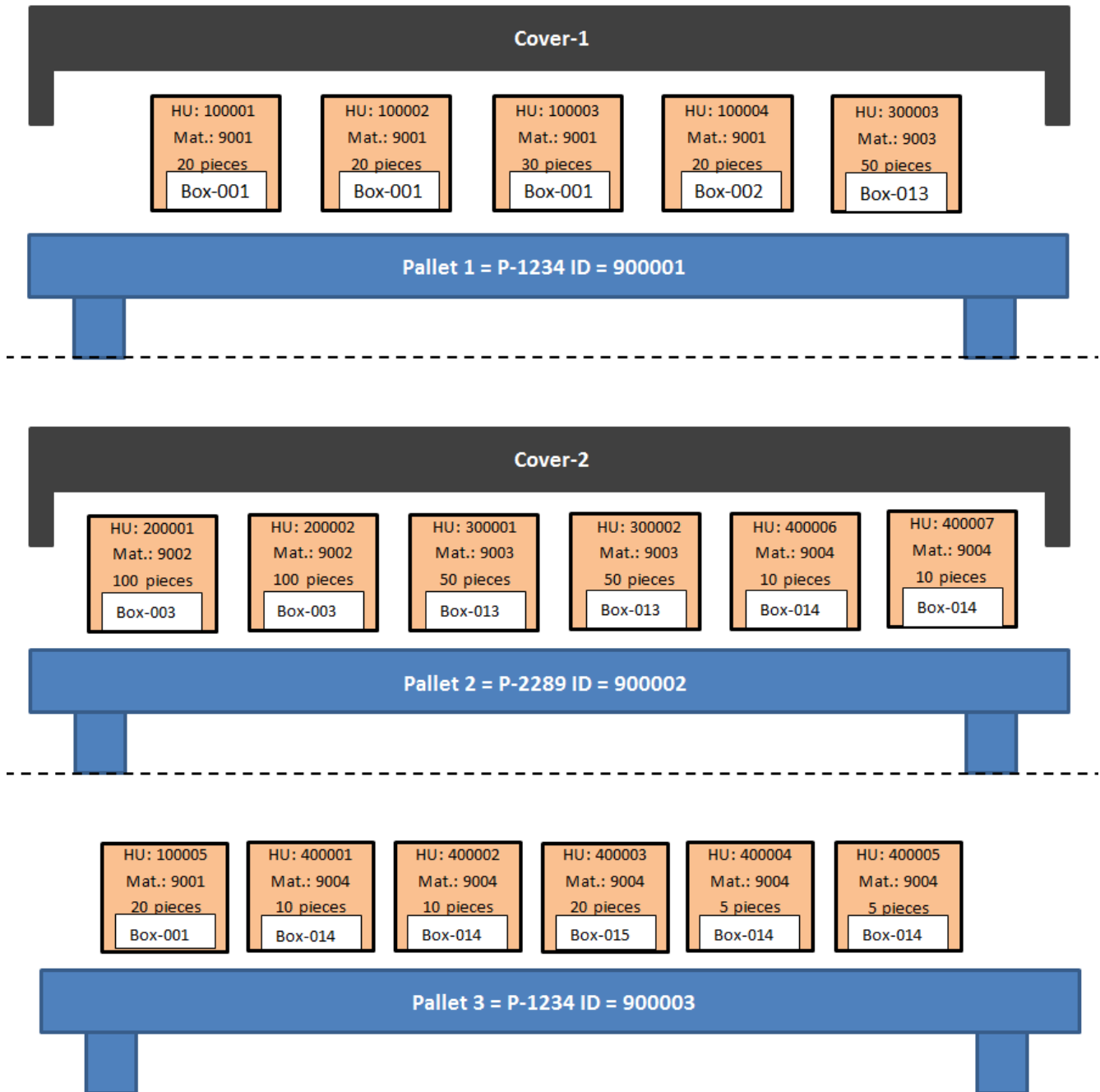
RFF+ON:N55109001 '  
UNT+40+1 '  
UNZ+1+21352 '

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

restriction = Status  
EDIFACT: M=Mandatory, C=Conditional  
User specific: R=Required, O=Optional, D=Dependent,  
A=Advised, N=Not used

Example 3 (master/single with articles on several pallets):

Example 3 (master/single with different articles on several pallets):



Pallet 1 : package identification is P-1234 unique number is 900001 and COVER-1

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

restrict= Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

Pallet 2 : package identification is P-2289 unique number is 900002 and COVER-2  
 Pallet 3 : package identification is P-1234 unique number is 900003

partnumber 9001 amount: 110 boxes 5

|  |            |                         |
|--|------------|-------------------------|
| Box1 : package identification is BOX-001 | amount: 20 | unique number is 100001 |
| Box2 : package identification is BOX-001 | amount: 20 | unique number is 100002 |
| Box3 : package identification is BOX-001 | amount: 30 | unique number is 100003 |
| Box4 : package identification is BOX-002 | amount: 20 | unique number is 100004 |
| Box5 : package identification is BOX-001 | amount: 20 | unique number is 100005 |

partnumber 9002 amount: 200 boxes 2

|  |             |                         |
|--|-------------|-------------------------|
| Box1 : package identification is BOX-003 | amount: 100 | unique number is 200001 |
| Box2 : package identification is BOX-003 | amount: 100 | unique number is 200002 |

partnumber 9003 amount: 150 boxes 3

|  |            |                         |
|--|------------|-------------------------|
| Box1 : package identification is BOX-013 | amount: 50 | unique number is 300001 |
| Box2 : package identification is BOX-013 | amount: 50 | unique number is 300002 |
| Box3 : package identification is BOX-013 | amount: 50 | unique number is 300003 |

partnumber 9004 amount: 70 boxes 7

|  |            |                         |
|--|------------|-------------------------|
| Box1 : package identification is BOX-014 | amount: 10 | unique number is 400001 |
| Box2 : package identification is BOX-014 | amount: 10 | unique number is 400002 |
| Box3 : package identification is BOX-015 | amount: 20 | unique number is 400003 |
| Box4 : package identification is BOX-014 | amount: 5  | unique number is 400004 |
| Box5 : package identification is BOX-014 | amount: 5  | unique number is 400005 |
| Box6 : package identification is BOX-014 | amount: 10 | unique number is 400006 |
| Box7 : package identification is BOX-014 | amount: 10 | unique number is 400007 |

#-----

Pallet 1 : 900001  
 filled with Box number  
 100001  
 100002  
 100003  
 100004  
 300003  
 COVER-1

#-----

Pallet 2 : 900002  
 filled with Box number  
 200001  
 200002  
 300001  
 300002  
 400006  
 400007  
 COVER-2

#-----

Pallet 3 : 900003  
 filled with Box number  
 100005

|  |   |
|--|---|
| No = Consecutive segment number                        | restrict= Status  |
| MaxOcc = Maximum occurrence of the segment/group       | EDIFACT: M=Mandatory, C=Conditional                                       |
| Counter = Counter of segment/group within the standard | User specific: R=Required, O=Optional, D=Dependent, A=Advised, N=Not used |

400001  
 400002  
 400003  
 400004  
 400005

#-----

UNB+UNOA:3+2019813:91+0018:92+140419:2036+2135'  
 UNH+1+DESADV:D:97A:UN'  
 BGM+351+2014/10093+9'  
 DTM+137:201404192036:203'  
 DTM+11:201404192036:203'  
 MEA+AAX+SQ+C62:17'  
 NAD+ST+0018::92'  
 NAD+SU+2019813::92'  
 TDT+12++M++CARRIER::86'  
 EQD+TE+X'  
 CPS+1++3'  
 PAC+1+3+P1234'  
 QTY+52:50:C62'  
 PCI:ZZZ'  
 GIR+3+900001:BN'  
 CPS+2+1+1'  
 PAC+2+1+BOX-001'  
 QTY+52:20:C62'  
 PCI:ZZZ'  
 GIR+3+100001:BN'  
 GIR+3+100002:BN'  
 PAC+1+1+BOX001'  
 QTY+52:30:C62'  
 PCI:ZZZ'  
 GIR+3+100003:BN'  
 PAC+1+1+BOX-002'  
 QTY+52:20:C62'  
 PCI:ZZZ'  
 GIR+3+100004:BN'  
 CPS+3++3'  
 PAC+1+3+P1234'  
 QTY+52:50:C62'  
 PCI:ZZZ'  
 GIR+3+900003:BN'  
 CPS+4+3+1'  
 PAC+2+1+BOX-001'  
 QTY+52:20:C62'  
 PCI:ZZZ'  
 GIR+3+100005:BN'  
 CPS+5+3+2'  
 PAC+1+2+COVER001'

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

restriction = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used



QTY+52:1:C62 '  
 LIN+1++9001:IN '  
 QTY+12:110:C62 '  
 RFF+ON:N55109001 '  
 CPS+6++3 '  
 PAC+1+3+P2289 '  
 QTY+52:50:C62 '  
 PCI:ZZZ '  
 GIR+3+900002:BN '  
 CPS+7+6+1 '  
 PAC+2+1+BOX-003 '  
 QTY+52:100:C62 '  
 PCI:ZZZ '  
 GIR+3+200001:BN '  
 GIR+3+200002:BN '  
 CPS+8+6+2 '  
 PAC+1+2+COVER002 '  
 QTY+52:1:C62 '  
 LIN+2++9002:IN '  
 QTY+12:200:C62 '  
 RFF+ON:N55109002 '  
 CPS+9++3 '  
 PAC+1+3+P1234 '  
 QTY+52:50:C62 '  
 PCI:ZZZ '  
 GIR+3+900001:BN '  
 CPS+10+9+1 '  
 PAC+2+1+BOX-013 '  
 QTY+52:50:C62 '  
 PCI:ZZZ '  
 GIR+3+300003:BN '  
 CPS+11++3 '  
 PAC+1+3+P2289 '  
 QTY+52:50:C62 '  
 PCI:ZZZ '  
 GIR+3+900002:BN '  
 CPS+12+11+1 '  
 PAC+2+1+BOX-013 '  
 QTY+52:50:C62 '  
 PCI:ZZZ '  
 GIR+3+300001:BN '  
 GIR+3+300002:BN '  
 LIN+3++9003:IN '  
 QTY+12:150:C62 '  
 RFF+ON:N55109003 '  
 CPS+13++3 '  
 PAC+1+3+P2289 '  
 QTY+52:50:C62 '  
 PCI:ZZZ '

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

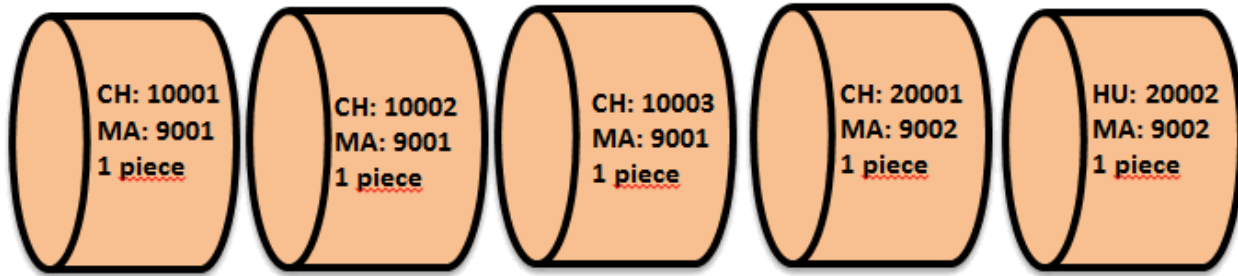
restriction= Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

GIR+3+900002:BN'  
 CPS+14+13+1'  
 PAC+2+1+BOX-014'  
 QTY+52:10:C62'  
 PCI:ZZZ'  
 GIR+3+400006:BN'  
 GIR+3+400007:BN'  
 CPS+15++3'  
 PAC+1+3+P1234'  
 QTY+52:50:C62'  
 PCI:ZZZ'  
 GIR+3+900003:BN'  
 CPS+16+15+1'  
 PAC+2+1+BOX-014'  
 QTY+52:10:C62'  
 PCI:ZZZ'  
 GIR+3+400001:BN'  
 GIR+3+400002:BN'  
 CPS+17+15+1'  
 PAC+1+1+BOX-015'  
 QTY+52:20:C62'  
 PCI:ZZZ'  
 GIR+3+400003:BN'  
 CPS+18+15+1'  
 PAC+2+1+BOX-014'  
 QTY+52:5:C62'  
 PCI:ZZZ'  
 GIR+3+400004:BN'  
 GIR+3+400005:BN'  
 LIN+4++9004:IN'  
 QTY+12:70:C62'  
 RFF+ON:N55109004'  
 UNT+122+1'  
 UNZ+1+2135'

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

restriction= Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

Example 4 (charging product without packaging):



|            |      |       |           |        |   |
|------------|------|-------|-----------|--------|---|
| partnumber | 9001 | total | amount: 3 | pieces | 3 |
| partnumber | 9002 | total | amount: 2 | pieces | 2 |

|           |           |                        |
|-----------|-----------|------------------------|
| Charge1 : | amount: 1 | unique number is 10001 |
| Charge2 : | amount: 1 | unique number is 10002 |
| Charge3 : | amount: 1 | unique number is 10003 |
| Charge4 : | amount: 1 | unique number is 20001 |
| Charge5 : | amount: 1 | unique number is 20002 |

```

UNB+UNOA:3+2019813+0018+140419:2036+2135'
UNH+1+DESADV:D:97A:UN'
BGM+351+2014/10093+9'
DTM+137:201404192036:203'
DTM+11:201404192036:203'
MEA+AAX+SQ+C62:17'
NAD+ST+0018::92'
NAD+SU+2019813::92'
TDT+12++M++CARRIER::86'
EQD+TE+X'
CPS+1++4'
LIN+1++9001:IN'
MEA+PD+WT+KGM:12323'
MEA+PD+WD+MMT:451'
MEA+PD+TH+MMT:7'
QTY+12:1:C62'
RFF+ON:N55109001'
RFF+BT:10001'
RFF+ACP:778974'
RFF+ACO:978764'
CPS+2++4'
LIN+2++9001:IN'
MEA+PD+WT+KGM:12323'
MEA+PD+WD+MMT:451'
MEA+PD+TH+MMT:7'
QTY+12:1:C62'
    
```

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

restrict= Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used

RFF+ON:N55109001 '  
 RFF+BT:10002 '  
 RFF+ACP:778974 '  
 RFF+ACO:978764 '  
 CPS+3++4 '  
 LIN+3++9001: IN '  
 MEA+PD+WT+KGM:12323 '  
 MEA+PD+WD+MMT:451 '  
 MEA+PD+TH+MMT:7 '  
 QTY+12:1:C62 '  
 RFF+ON:N55109001 '  
 RFF+BT:10003 '  
 RFF+ACP:778974 '  
 RFF+ACO:978764 '  
 CPS+4++4 '  
 LIN+4++9002: IN '  
 MEA+PD+WT+KGM:12323 '  
 MEA+PD+WD+MMT:451 '  
 MEA+PD+TH+MMT:7 '  
 QTY+12:1:C62 '  
 RFF+ON:N55109001 '  
 RFF+BT:20001 '  
 RFF+ACP:778975 '  
 RFF+ACO:978765 '  
 CPS+5++4 '  
 LIN+5++9002: IN '  
 MEA+PD+WT+KGM:12323 '  
 MEA+PD+WD+MMT:451 '  
 MEA+PD+TH+MMT:7 '  
 QTY+12:1:C62 '  
 RFF+ON:N55109001 '  
 RFF+BT:20002 '  
 RFF+ACP:778975 '  
 RFF+ACO:978765 '  
 UNT+60+1 '  
 UNZ+1+2135 '

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

restrict= Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used