Message Implementation Guideline

# DHL HOME DELIVERY SHIPMENT INSTRUCTION TO PARTNER

based on

**IFTMIN**
Instruction message

**UN S.93A S3**

Version: 0.2
Issue date: 2013-11-27
Author: CHRISTER SJÖLUND

## Version history

| Date/Version | Sg | Segment | Modification/Comment | Updated by |
|---|---|---|---|---|
| 2013-10-07<br>Version 0.1 | | | First version. | C Sjölund |
| 2013-11-27<br>Version 0.2 | | FTX | 4441 Code 581 added for Dispatch party (private person sending a 502 return shipment) e-mail address. | C Sjölund |

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

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

## Structure / Table of Contents

| Counter | No | Tag | St | MaxOcc | Level | Content | |
|---|---|---|---|---|---|---|---|
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| 0000 | 2 | **UNB** | M | 1 | 0 | INTERCHANGE HEADER | **UNB** |
| 0010 | 3 | **UNH** | M | 1 | 0 | MESSAGE HEADER | **UNH** |
| 0020 | 4 | **BGM** | M | 1 | 0 | BEGINNING OF MESSAGE | **BGM** |
| 0050 | 5 | **DTM** | C | 2 | 1 | DATE/TIME/PERIOD | **DTM** |
| 0060 | 6 | **TSR** | R | 9 | 1 | TRANSPORT SERVICE REQUIREMENTS | **TSR** |
| 0090 | 7 | **FTX** | C | 99 | 1 | FREE TEXT | **FTX** |
| 0100 | 8 | **CNT** | C | 5 | 1 | CONTROL TOTAL | **CNT** |
| 0170 | | **SG3** | C | 99 | 1 | RFF-DTM | **SG3** |
| 0180 | 9 | **RFF** | M | 1 | 1 | REFERENCE | **RFF** |
| 0400 | | **SG8** | M | 3 | 1 | TDT | **SG8** |
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| 0480 | | **SG10** | M | 6 | 1 | NAD-SG11-SG14 | **SG10** |
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| 0520 | | **SG11** | C | 2 | 2 | CTA-COM | **SG11** |
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| 0820 | 16 | **FTX** | C | 3 | 2 | FREE TEXT | **FTX** |
| 0890 | | **SG19** | C | 4 | 2 | MEA | **SG19** |
| 0900 | 17 | **MEA** | M | 1 | 2 | MEASUREMENTS | **MEA** |
| 0920 | | **SG20** | C | 1 | 2 | DIM | **SG20** |
| 0930 | 18 | **DIM** | M | 1 | 2 | DIMENSIONS | **DIM** |
| 0980 | | **SG22** | C | 9 | 2 | PCI | **SG22** |
| 0990 | 19 | **PCI** | M | 1 | 2 | PACKAGE IDENTIFICATION | **PCI** |
| 1370 | | **SG34** | C | 1 | 1 | EQD-EQN | **SG34** |
| 1380 | 20 | **EQD** | M | 1 | 1 | EQUIPMENT DETAILS | **EQD** |
| 1390 | 21 | **EQN** | R | 1 | 2 | NUMBER OF UNITS | **EQN** |
| 1590 | 22 | **UNT** | M | 1 | 0 | MESSAGE TRAILER | **UNT** |
| 0000 | 23 | **UNZ** | M | 1 | 0 | INTERCHANGE TRAILER | **UNZ** |

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## Segments

| Counter | No | Tag | St | MaxOcc | Level | Name | UNA |
|---|---|---|---|---|---|---|---|
| 0000 | 1 | **UNA** | C | 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

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User specific: R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

| Counter | No | Tag | St | MaxOcc | Level | Name | UNB |
|---|---|---|---|---|---|---|---|
| 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 | UNOC |
| 0002 | Syntax version number | M | n1 | M | n1 | 3 |
| S002 | INTERCHANGE SENDER | M | | M | | |
| 0004 | Sender identification | M | an..35 | M | an..35 | ID file sender |
| 0007 | Partner identification code qualifier | C | an..4 | C | an..4 | **14 EAN (International Article Numbering Association)**<br>**30 ISO 6523: Organization identification** |
| S003 | INTERCHANGE RECIPIENT | M | | M | | |
| 0010 | Recipient identification | M | an..35 | M | an..35 | ID file recipient |
| 0007 | Partner identification code qualifier | C | an..4 | C | an..4 | **14 EAN (International Article Numbering Association)**<br>**30 ISO 6523: Organization identification** |
| S004 | DATE/TIME OF PREPARATION | M | | M | | |
| 0017 | Date of preparation | M | n6 | M | n6 | |
| 0019 | Time of preparation | M | n4 | M | n4 | |
| 0020 | Interchange control reference | M | an..14 | M | an..14 | Unique reference for the interchange |

**Remark:**

**Example:**
```
UNB+UNOC:3+7330924000002:14+RECIPIENTEDIADRESS:30+131004:1549+123'
```

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

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| Counter | No | Tag | St | MaxOcc | Level | Name | UNH |
|---|---|---|---|---|---|---|---|
| 0010 | 3 | **UNH** | 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 | Unique reference for the message. |
| S009 | MESSAGE IDENTIFIER | M | | M | | |
| 0065 | Message type identifier | M | an..6 | M | an..6 | IFTMIN |
| 0052 | Message type version number | M | an..3 | M | an..3 | S |
| 0054 | Message type release number | M | an..3 | M | an..3 | 93A |
| 0051 | Controlling agency | M | an..2 | M | an..2 | UN |
| 0057 | Association assigned code | C | an..6 | R | an..6 | SE0020 |

**Remark:**

**Example:**

```
UNH+111+IFTMIN:S:93A:UN:SE0020'
```

No = Consecutive segment number
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| Counter | No | Tag | St | MaxOcc | Level | Name | BGM |
|---|---|---|---|---|---|---|---|
| 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 | | R | | |
| 1001 | Document/message name, coded | C | an..3 | R | an..3 | **700 Shipment instruction** |
| 1004 | Document/message number | C | an..35 | C | an..35 | |
| 1225 | Message function, coded | C | an..3 | C | an..3 | **9 Original** |

**Remark:**

**Example:**
```
BGM+700+1234567890+9'
```

No = Consecutive segment number
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| Counter | No | Tag | St | MaxOcc | Level | Name | DTM |
|---|---|---|---|---|---|---|---|
| 0050 | 5 | **DTM** | C | 2 | 1 | **DATE/TIME/PERIOD** | |

| | | 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 | **137 Document/message date/time**<br>Date when file is created in DHL system. |
| 2380 | Date/time/period | C | an..35 | R | an..35 | |
| 2379 | Date/time/period format qualifier | C | an..3 | R | an..3 | **102 CCYYMMDD** |

**Remark:**

**Example:**
```
DTM+137:201311091319:102'
```

No = Consecutive segment number
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| Counter | No | Tag | St | MaxOcc | Level | Name | TSR |
|---|---|---|---|---|---|---|---|
| 0060 | 6 | **TSR** | R | 9 | 1 | **TRANSPORT SERVICE REQUIREMENTS** | |

| | | Standard | | Implementation | |
|---|---|---|---|---|---|
| Tag | Name | St | Format | St | Format | Usage / Remark |
| TSR | | | | | | |
| C536 | CONTRACT AND CARRIAGE CONDITION | C | | C | | Used for DHL business unit code. |
| 4065 | Contract and carriage condition, coded | M | an..3 | M | an..3 | **FRT DHL Freight** |
| C233 | SERVICE | C | | R | | Used for product code. |
| 7273 | Service requirement, coded | M | an..3 | M | an..3 | **501 DHL HOME DELIVERY**<br>**502 DHL HOME DELIVERY RETURN** |

**Remark:**

**Example:**
```
TSR+FRT+501'
```

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| Counter | No | Tag | St | MaxOcc | Level | Name | FTX |
|---|---|---|---|---|---|---|---|
| 0090 | 7 | **FTX** | C | 99 | 1 | **FREE TEXT** | |

| | | Standard | | Implementation | |
|---|---|---|---|---|---|
| Tag | Name | St | Format | St | Format | Usage / Remark |
| FTX | | | | | | |
| 4451 | Text subject qualifier | M | an..3 | M | an..3 | **DIN Delivery instructions**<br>DIN is used for delivery instructions.<br>**SSR Special service request**<br>SSR is used for additional services. Code for additional service in 4441.<br>Some additional services requires that number of repetitions is sent in first 4440.<br>**ARR Arrival conditions**<br>ARR is used for E-mail addresses in 4440-1 with party qualifier in 4441. |
| 4453 | Text function, coded | C | an..3 | N | | Not used |
| C107 | TEXT REFERENCE | C | | C | | |
| 4441 | Free text, coded | M | an..3 | M | an..3 | Used for additional services with qualifier SSR in 4451.<br>**01 Försäkring**<br>**02 Miljöfrakt**<br>**12 Tidsbokning**<br>**18 Inbärning**<br>**19 Leveransbesked**<br>**36 Dubbelbemanning**<br>**38 Inbärning till anvisad plats**<br>**39 Utbärning från anvisad plats**<br>**44 Återtag av transportemballage**<br>**63 Kvällskörning**<br>**64 Helgkörning**<br><br>Used for additional services with qualifier SSR in 4451.<br>For the following additional services number of repetitions is sent in first 4440.<br>**52 Bortforsling gammal vara**<br>**54 Installation Enkel**<br>**55 Installation Avancerad**<br>**57 Montering 20**<br>**58 Montering 40**<br>**59 Montering 60**<br><br>Used for e-mail addresses with qualifier ARR in 4451:<br>**581 Dispatch party e-mail address (= private person that is sender)**<br>**586 Delivery party e-mail address (= private person that is receiver)** |
| C108 | TEXT LITERAL | C | | C | | When 4451=DIN then 1-2 instructions can be sent in 4440.<br><br>When 4451=SSR then 4440-1 is used for number of repetitions for the additional service that are entered in 4441.<br><br>When 4451=ARR and 4441=581 or 586 then party e-mail address is sent in 4440-1. |

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| | | Standard | | Implementation | | |
|---|---|---|---|---|---|---|
| Tag | Name | St | Format | St | Format | Usage / Remark |
| 4440 | Free text | M | an..70 | M | an..70 | |
| 4440 | Free text | C | an..70 | C | an..70 | |

**Remark:**

**Example:**

```
FTX+DIN+++Delivery instruction:Additional instruction'
Delivery instruction.

FTX+SSR++59+2'
Two repetitions of additional service Montering 60.

FTX+ARR++586+ellen.persson@xmail.com'
Mail address to Delivery party.
```

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

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| Counter | No | Tag | St | MaxOcc | Level | Name | CNT |
|---|---|---|---|---|---|---|---|
| 0100 | 8 | **CNT** | C | 5 | 1 | **CONTROL TOTAL** | |

| | | Standard | | Implementation | | |
|---|---|---|---|---|---|---|
| Tag | Name | St | Format | St | Format | Usage / Remark |
| CNT | | | | | | |
| C270 | CONTROL | M | | M | | |
| 6069 | Control qualifier | M | an..3 | M | an..3 | **7 Total gross weight (KGM in 6411)**<br>**11 Total number of packages (PCE in 6411)**<br>**15 Total consignment cubic metres (MTQ in 6411)**<br>**ZLM Total consignment loading metres (MTR in 6411)**<br>**ZPP Total number of pallet places (ZPP in 6411)** |
| 6066 | Control value | M | n..18 | M | n..18 | |
| 6411 | Measure unit qualifier | C | an..3 | R | an..3 | **KGM Kilogram ***<br>**PCE Piece**<br>**MTQ Cubic metre ***<br>**MTR Metre ***<br>**ZPP Pallet places** |

**Remark:**

**Example:**
```
CNT+7:275:KGM'
Total shipment weight is 275 kilos.
```

No = Consecutive segment number
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| Counter | No | Tag | St | MaxOcc | Level | Name | SG3 | RFF |
|---|---|---|---|---|---|---|---|---|
| 0170 | | **SG3** | C | 99 | 1 | **RFF-DTM** | | |
| 0180 | 9 | **RFF** | M | 1 | 1 | **REFERENCE** | | |

| | | Standard | | Implementation | | |
|---|---|---|---|---|---|---|
| Tag | Name | St | Format | St | Format | Usage / Remark |
| RFF | | | | | | |
| C506 | REFERENCE | M | | M | | |
| 1153 | Reference qualifier | M | an..3 | M | an..3 | **AAS Transport document number**<br>AAS = Shipment ID.<br>**CU Consignor's reference**<br>**AAO Consignee's reference** |
| 1154 | Reference number | C | an..35 | R | an..35 | |

**Remark:**

**Example:**
```
RFF+AAS:1234567890'
Shipment ID is 1234567890.
```

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
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| Counter | No | Tag | St | MaxOcc | Level | Name | SG8 | TDT |
|---|---|---|---|---|---|---|---|---|
| 0400 | | **SG8** | M | 3 | 1 | **TDT** | | |
| 0410 | 10 | **TDT** | 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 | **20 Main-carriage transport** |

**Remark:**

**Example:**
TDT+20'

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| Counter | No | Tag | St | MaxOcc | Level | Name | SG10 | NAD |
|---|---|---|---|---|---|---|---|---|
| 0480 | | **SG10** | M | 6 | 1 | **NAD-SG11-SG14** | | |
| 0490 | 11 | **NAD** | M | 1 | 1 | **NAME AND ADDRESS** | | |

| | | Standard | | Implementation | |
|---|---|---|---|---|---|
| Tag | Name | St | Format | St | Format | Usage / Remark |
| NAD | | | | | | |
| 3035 | Party qualifier | M | an..3 | M | an..3 | **CZ Consignor**<br>Product 501: Goods sender.<br>Product 502: DHL partner/HOME DELIVERY terminal.<br>**PW Despatch party**<br>Product 501: Goods sender pick-up address (if other than CZ).<br>Product 502: Consumer/Private person pick-up address.<br>**CN Consignee**<br>Product 501: DHL partner/HOME DELIVERY terminal.<br>Product 502: Goods receiver.<br>**DP Delivery party**<br>Product 501: Consumer/Private person delivery address.<br>Product 502: Goods receiver delivery address (if other than CN). |
| C082 | PARTY IDENTIFICATION DETAILS | C | | C | | |
| 3039 | Party id identification | M | an..17 | M | an..17 | |
| C058 | NAME AND ADDRESS | C | | N | | |
| 3124 | Name and address line | M | an..35 | N | | Not used |
| C080 | PARTY NAME | C | | C | | |
| 3036 | Party name | M | an..35 | M | an..35 | |
| C059 | STREET | C | | C | | |
| 3042 | Street and number/P.O. Box | M | an..35 | M | an..35 | Street address |
| 3042 | Street and number/P.O. Box | C | an..35 | C | an..35 | Additional address |
| 3164 | City name | C | an..35 | C | an..35 | |
| 3229 | Country sub-entity identification | C | an..9 | N | | Not used |
| 3251 | Postcode identification | C | an..9 | C | an..9 | Postal code |
| 3207 | Country, coded | C | an..3 | C | an..3 | |

**Remark:**

**Example:**

```
NAD+CZ+405555++Butiken AB+Storgatan 12:Våning 4+Stockholm++10528+SE'
NAD+PW+++Butikens Lager+Drottninggatan 4+Bro++19732+SE'
NAD+CN+3205++AB Transport och Installation+Björkstigen 45+Umeå++90320+SE'
NAD+DP+++Lars Larsson+Tallvägen 14+Röbäck++90440+SE'

Above is an example of parties for a DHL HOME DELIVERY shipment.
Below is an example of parties for a DHL HOME DELIVERY RETURN shipment.

NAD+CZ+3205++AB Transport och Installation+Björkstigen 45+Umeå++90320+SE'
NAD+PW+++Lars Larsson+Tallvägen 14+Röbäck++90440+SE'
NAD+CN+405555++Butiken AB+Drottninggatan 4+Bro++19732+SE'
NAD+DP+++Butikens Lager+Drottninggatan 4+Bro++19732+SE'
```

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
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| Counter | No | Tag | St | MaxOcc | Level | Name | SG11 | CTA |
|---|---|---|---|---|---|---|---|---|
| 0520 | | **SG11** | C | 2 | 2 | **CTA-COM** | | |
| 0530 | 12 | **CTA** | M | 1 | 2 | **CONTACT INFORMATION** | | |

| | | Standard | | Implementation | | |
|---|---|---|---|---|---|---|
| Tag | Name | St | Format | St | Format | Usage / Remark |
| CTA | | | | | | |
| 3139 | Contact function, coded | C | an..3 | R | an..3 | **IC Information contact**<br>**NT Notification contact**<br>NT is used for NAD+DP when additional service Leveransbesked is selected (with phone number in Sg 11 COM 3148 and 3155=TE). |
| C056 | DEPARTMENT OR EMPLOYEE DETAILS | C | | C | | |
| 3413 | Department or employee identification | C | an..17 | N | | Not used |
| 3412 | Department or employee | C | an..35 | C | an..35 | |

**Remark:**

**Example:**

```
CTA+IC+:Nisse Nilsson'
```

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

St = Status
EDIFACT: M=Mandatory, C=Conditional
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| Counter | No | Tag | St | MaxOcc | Level | Name | SG11 | COM |
|---|---|---|---|---|---|---|---|---|
| 0520 | | **SG11** | C | 2 | 2 | **CTA-COM** | | |
| 0540 | 13 | **COM** | C | 9 | 3 | **COMMUNICATION CONTACT** | | |

| | | Standard | | Implementation | | |
|---|---|---|---|---|---|---|
| Tag | Name | St | Format | St | Format | Usage / Remark |
| COM | | | | | | |
| C076 | COMMUNICATION CONTACT | M | | M | | |
| 3148 | Communication number | M | an..25 | M | an..25 | |
| 3155 | Communication channel qualifier | M | an..3 | M | an..3 | **TE Telephone**<br>**AL Mobile phone number** |

**Remark:**

**Example:**
```
COM+0184959100:TE'
```

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
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| Counter | No | Tag | St | MaxOcc | Level | Name | SG14 | RFF |
|---|---|---|---|---|---|---|---|---|
| 0650 | | **SG14** | C | 4 | 2 | **RFF** | | |
| 0660 | 14 | **RFF** | M | 1 | 2 | **REFERENCE** | | |

| | | Standard | | Implementation | | |
|---|---|---|---|---|---|---|
| Tag | Name | St | Format | St | Format | Usage / Remark |
| RFF | | | | | | |
| C506 | REFERENCE | M | | M | | |
| 1153 | Reference qualifier | M | an..3 | M | an..3 | **Z10 Pallet registration number**<br>Pallet registration numbers are used to handle EUR pallets between NAD+CZ and NAD+CN.<br>Number of pallets are sent in EQN 6350. |
| 1154 | Reference number | C | an..35 | C | an..35 | |

**Remark:**

**Example:**
```
RFF+Z10:910679'
```

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
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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 | SG16 | GID |
|---|---|---|---|---|---|---|---|---|
| 0730 | | **SG16** | R | 999 | 1 | **GID-FTX-SG19-SG20-SG22** | | |
| 0740 | 15 | **GID** | M | 1 | 1 | **GOODS ITEM DETAILS** | | |

| | | Standard | | Implementation | | |
|---|---|---|---|---|---|---|
| Tag | Name | St | Format | St | Format | Usage / Remark |
| GID | | | | | | |
| 1496 | Goods item number | C | n..5 | C | n..5 | |
| C213 | NUMBER AND TYPE OF PACKAGES | C | | C | | |
| 7224 | Number of packages | M | n..8 | M | n..8 | |
| 7065 | Type of packages identification | C | an..7 | C | an..7 | **PLL Pallet**<br>**CLL Colli** |

**Remark:**

**Example:**
```
GID+1+3:CLL'
```

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

St = 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 | SG16 | FTX |
|---|---|---|---|---|---|---|---|---|
| 0730 | | **SG16** | R | 999 | 1 | **GID-FTX-SG19-SG20-SG22** | | |
| 0820 | 16 | **FTX** | C | 3 | 2 | **FREE TEXT** | | |

| | | Standard | | Implementation | | |
|---|---|---|---|---|---|---|
| Tag | Name | St | Format | St | Format | Usage / Remark |
| FTX | | | | | | |
| 4451 | Text subject qualifier | M | an..3 | M | an..3 | **AAA Goods description** |
| 4453 | Text function, coded | C | an..3 | N | | Not used |
| C107 | TEXT REFERENCE | C | | N | | |
| 4441 | Free text, coded | M | an..3 | N | | Not used |
| C108 | TEXT LITERAL | C | | C | | |
| 4440 | Free text | M | an..70 | M | an..70 | |

**Remark:**

**Example:**
FTX+AAA+++VAR0R'

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

St = 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 | SG19 | MEA |
|---|---|---|---|---|---|---|---|---|
| 0890 | | **SG19** | C | 4 | 2 | **MEA** | | |
| 0900 | 17 | **MEA** | M | 1 | 2 | **MEASUREMENTS** | | |

| | | Standard | | Implementation | | |
|---|---|---|---|---|---|---|
| Tag | Name | St | Format | St | Format | Usage / Remark |
| MEA | | | | | | |
| 6311 | Measurement application qualifier | M | an..3 | R | an..3 | **WT Weight**<br>**VOL Volume**<br>**ZPP Pallet places** |
| C502 | MEASUREMENT DETAILS | C | | C | | C502 required for MEA with WT (weight). |
| 6313 | Measurement dimension, coded | C | an..3 | C | an..3 | **G Gross weight** |
| C174 | VALUE/RANGE | C | | C | | |
| 6411 | Measure unit qualifier | M | an..3 | R | an..3 | **KGM Kilogram ***<br>**MTQ Cubic metre ***<br>**ZPP Pallet places** |
| 6314 | Measurement value | C | n..18 | R | n..18 | |

**Remark:**

**Example:**
```
MEA+WT+G+KGM:80'
Item with weight 80 kilos.
```

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

St = 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 | SG20 | DIM |
|---|---|---|---|---|---|---|---|---|
| 0920 | | **SG20** | C | 1 | 2 | **DIM** | | |
| 0930 | 18 | **DIM** | M | 1 | 2 | **DIMENSIONS** | | |

| | | Standard | | Implementation | | |
|---|---|---|---|---|---|---|
| Tag | Name | St | Format | St | Format | Usage / Remark |
| DIM | | | | | | |
| 6145 | Dimension qualifier | M | an..3 | M | an..3 | **1 Gross dimensions** |
| C211 | DIMENSIONS | M | | M | | |
| 6411 | Measure unit qualifier | M | an..3 | R | an..3 | **CMT Centimetre *** |
| 6168 | Length dimension | C | n..15 | C | n..15 | |
| 6140 | Width dimension | C | n..15 | C | n..15 | |
| 6008 | Height dimension | C | n..15 | C | n..15 | |

**Remark:**

**Example:**
DIM+1+CMT:120:80:100'
Item (piece) with dimensions 120 x 80 x 100 cm.

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

St = 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 | SG22 | PCI |
|---|---|---|---|---|---|---|---|---|
| 0980 | | **SG22** | C | 9 | 2 | **PCI** | | |
| 0990 | 19 | **PCI** | M | 1 | 2 | **PACKAGE IDENTIFICATION** | | |

| | | Standard | | Implementation | | |
|---|---|---|---|---|---|---|
| Tag | Name | St | Format | St | Format | Usage / Remark |
| PCI | | | | | | |
| 4233 | Marking instructions, coded | C | an..3 | R | an..3 | **24 Shipper assigned**<br>24 is used for Piece-ID |
| C210 | MARKS & LABELS | C | | C | | |
| 7102 | Shipping marks | M | an..35 | M | an..35 | Piece-ID /marks |
| 7102 | Shipping marks | C | an..35 | C | an..35 | |
| 7102 | Shipping marks | C | an..35 | C | an..35 | |
| 7102 | Shipping marks | C | an..35 | C | an..35 | |
| 7102 | Shipping marks | C | an..35 | C | an..35 | |
| 7102 | Shipping marks | C | an..35 | C | an..35 | |
| 7102 | Shipping marks | C | an..35 | C | an..35 | |
| 7102 | Shipping marks | C | an..35 | C | an..35 | |
| 7102 | Shipping marks | C | an..35 | C | an..35 | |
| 7102 | Shipping marks | C | an..35 | C | an..35 | |
| 7102 | Shipping marks | C | an..35 | C | an..35 | |

**Remark:**

**Example:**

```
PCI+24+300901710766240015:300901710766240028:300901710766240030:300901710766240042:3009
01710766240054:300901710766240066:300901710766240078:300901710766240080:300901710766240
092:300901710766240104'
```

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

St = 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 | SG34 | EQD |
|---|---|---|---|---|---|---|---|---|
| 1370 | | **SG34** | C | 1 | 1 | **EQD-EQN** | | |
| 1380 | 20 | **EQD** | M | 1 | 1 | **EQUIPMENT DETAILS** | | |

| | | Standard | | Implementation | | |
|---|---|---|---|---|---|---|
| Tag | Name | St | Format | St | Format | Usage / Remark |
| EQD | | | | | | |
| 8053 | Equipment qualifier | M | an..3 | M | an..3 | **EFP Exchangeable EUR flat pallet** |

**Remark:**

**Example:**
EQD+EFP'

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

St = 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 | SG34 | EQN |
|---|---|---|---|---|---|---|---|---|
| 1370 | | **SG34** | C | 1 | 1 | **EQD-EQN** | | |
| 1390 | 21 | **EQN** | R | 1 | 2 | **NUMBER OF UNITS** | | |

| | | Standard | | Implementation | | |
|---|---|---|---|---|---|---|
| Tag | Name | St | Format | St | Format | Usage / Remark |
| EQN | | | | | | |
| C523 | NUMBER OF UNIT DETAILS | M | | M | | |
| 6350 | Number of units | C | n..15 | R | n..15 | Number of EUR pallets. |

**Remark:**

**Example:**
EQN+2'

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

St = 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 | UNT |
|---|---|---|---|---|---|---|---|
| 1590 | 22 | **UNT** | 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+22+111'
```

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

St = 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 | UNZ |
|---|---|---|---|---|---|---|---|
| 0000 | 23 | **UNZ** | 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+123'
```

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

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

## Example Message

| No | Tag | Example |
|---|---|---|
| 01 | **UNA** | UNA:+.? ' |
| 02 | **UNB** | UNB+UNOC:3+7330924000002:14+RECIPIENTEDIADRESS:30+131004:1549+123' |
| 03 | **UNH** | UNH+111+IFTMIN:S:93A:UN:SE0020' |
| 04 | **BGM** | BGM+700+1234567890+9' |
| 05 | **DTM** | DTM+137:201311091319:102' |
| 06 | **TSR** | TSR+FRT+501' |
| 07 | **FTX** | FTX+DIN+++Delivery instruction:Additional instruction' |
| 08 | **CNT** | CNT+7:275:KGM' |
| | **SG3** | |
| 09 | **RFF** | RFF+AAS:1234567890' |
| | **SG8** | |
| 10 | **TDT** | TDT+20' |
| | **SG10** | |
| 11 | **NAD** | NAD+CZ+405555++Butiken AB+Storgatan 12:Våning 4+Stockholm++10528+SE' |
| | **SG11** | |
| 12 | **CTA** | CTA+IC+:Nisse Nilsson' |
| 13 | **COM** | COM+0184959100:TE' |
| | **SG14** | |
| 14 | **RFF** | RFF+Z10:910679' |
| | **SG16** | |
| 15 | **GID** | GID+1+3:CLL' |
| 16 | **FTX** | FTX+AAA+++VAROR' |
| | **SG19** | |
| 17 | **MEA** | MEA+WT+G+KGM:80' |
| | **SG20** | |
| 18 | **DIM** | DIM+1+CMT:120:80:100' |
| | **SG22** | |
| 19 | **PCI** | PCI+24+300901710766240015:300901710766240028:300901710766240030:300901710766240042:300901710766240054:300901710766240066:300901710766240078:300901710766240080:300901710766240092:300901710766240104' |
| | **SG34** | |
| 20 | **EQD** | EQD+EFP' |
| 21 | **EQN** | EQN+2' |
| 22 | **UNT** | UNT+22+111' |
| 23 | **UNZ** | UNZ+1+123' |

No = Consecutive segment number