1. Introduction
2. Message Structure Chart
3. Branching Diagram
4. Segments Description
5. Segments Layout
6. Example(s)
1. Introduction

Status
MESSAGE TYPE : HANMOV
REFERENCE DIRECTORY : D.01B
EANCOM® SUBSET VERSION : 004

Definition
A message from a party to a warehouse, distribution centre, or logistics service provider identifying the handling services and where required the movement of specified goods, limited to warehouses within the jurisdiction of the distribution centre or logistics service provider.

Principles
This message addresses the indirect flow of goods between supplier and buyer through a warehouse, distribution centre or logistics service provider.

The functions of the message are limited to:

- the preparation of goods for shipment;
- the picking of goods according to instructions;
- the packing or unpacking of goods;
- marking and labelling on the packages of goods;
- instructions regarding the movement of goods between warehouses.
Cargo/Goods Handling And Movement Heading Section

<table>
<thead>
<tr>
<th>Code</th>
<th>Length</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNH</td>
<td>1 M 1</td>
<td>Message header</td>
</tr>
<tr>
<td>BGM</td>
<td>2 M 1</td>
<td>Beginning of message</td>
</tr>
<tr>
<td>DTM</td>
<td>3 C 9</td>
<td>Date/time/period</td>
</tr>
<tr>
<td>HAN</td>
<td>4 C 9</td>
<td>Handling instructions</td>
</tr>
<tr>
<td>FTX</td>
<td>5 C 9</td>
<td>Free text</td>
</tr>
<tr>
<td>SG2</td>
<td>C 9</td>
<td>RFF-DTM</td>
</tr>
<tr>
<td>RFF</td>
<td>6 M 1</td>
<td>Reference</td>
</tr>
<tr>
<td>DTM</td>
<td>7 C 9</td>
<td>Date/time/period</td>
</tr>
<tr>
<td>SG3</td>
<td>C 9</td>
<td>NAD-LOC-SG4</td>
</tr>
<tr>
<td>NAD</td>
<td>8 M 1</td>
<td>Name and address</td>
</tr>
<tr>
<td>LOC</td>
<td>9 C 9</td>
<td>Place/location identification</td>
</tr>
</tbody>
</table>

Cargo/Goods Handling And Movement Detail Section

<table>
<thead>
<tr>
<th>Code</th>
<th>Length</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIN</td>
<td>11 M 1</td>
<td>Line item</td>
</tr>
<tr>
<td>PIA</td>
<td>12 C 9</td>
<td>Additional product id</td>
</tr>
<tr>
<td>IMD</td>
<td>13 C 99</td>
<td>Item description</td>
</tr>
<tr>
<td>HAN</td>
<td>14 C 9</td>
<td>Handling instructions</td>
</tr>
<tr>
<td>SG9</td>
<td>C 9</td>
<td>NAD</td>
</tr>
<tr>
<td>NAD</td>
<td>15 M 1</td>
<td>Name and address</td>
</tr>
<tr>
<td>QTY</td>
<td>16 C 9</td>
<td>Quantity</td>
</tr>
<tr>
<td>DTM</td>
<td>17 C 9</td>
<td>Date/time/period</td>
</tr>
<tr>
<td>FTX</td>
<td>18 C 9</td>
<td>Free text</td>
</tr>
<tr>
<td>SG11</td>
<td>C 9</td>
<td>RFF</td>
</tr>
<tr>
<td>RFF</td>
<td>19 M 1</td>
<td>Reference</td>
</tr>
</tbody>
</table>

Cargo/Goods Handling And Movement Summary Section

<table>
<thead>
<tr>
<th>Code</th>
<th>Length</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNT</td>
<td>25 M 1</td>
<td>Message trailer</td>
</tr>
</tbody>
</table>
3. Branching Diagram
3. Branching Diagram

0

1

SG8
C  99
LIN
M  1
   11

2

PIA
C  9
   12
IMD
C  99
   13
HAN
C  9
   14
NAD
M  1
   15
QTY
C  9
   16
DTM
C  9
   17
FTX
C  9
   18
RFF
M  1
   19

3
3. Branching Diagram

![Branching Diagram](image-url)

- SG12: C 99
- PAC: M 1 20
- MEA: C 9 21
- QTY: C 9 22
- PCI: M 1 23
- GIN: C 9 24
3. Branching Diagram

```
0

UNT
M 1
25
```
4. Segments Description

**Cargo/Goods Handling And Movement Heading Section**

<table>
<thead>
<tr>
<th>Segment</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNH - M 1</td>
<td>Message header</td>
</tr>
<tr>
<td>BGM - M 1</td>
<td>Beginning of message</td>
</tr>
<tr>
<td>DTM - C 9</td>
<td>Date/time/period</td>
</tr>
<tr>
<td>HAN - C 9</td>
<td>Handling instructions</td>
</tr>
<tr>
<td>FTX - C 9</td>
<td>Free text</td>
</tr>
</tbody>
</table>

**SG2 - C 9** - RFF-DTM

A group of segments containing references and constants which apply to the entire message.

**SG3 - C 9** - NAD-LOC-SG4

A group of segments to identify a party, related references, locations, contacts and required documents.

**SG4 - C 9** - RFF

A group of segments to specify a reference related to the party.


A group of segments providing details of the individually handled product items.

**Cargo/Goods Handling And Movement Detail Section**

<table>
<thead>
<tr>
<th>Segment</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>SG8 - C 99</td>
<td>Line item</td>
</tr>
</tbody>
</table>

This segment is used to signify the beginning of the detail section of the cargo/goods handling and movement message.
4. Segments Description

PIA - C 9  
- Additional product id
  This segment is used to specify additional or substitutional item identification codes such as a buyer's or supplier's item number.

IMD - C 99  
- Item description
  This segment is used to provide description of the current line item.

HAN - C 9  
- Handling instructions
  This segment is used to provide handling instructions, and where necessary to provide hazardous information, relevant to the current line item.

SG9 - C 9  
- NAD
  A group of segments for identifying names and addresses and their functions.

NAD - M 1  
- Name and address
  This segment is used to identify parties related to the current line item. It may be used as an aid to product selection, e.g. all products from one manufacturer, or as information which is to be used when preparing a shipment containing the product, e.g. carrier, delivery party, etc.

QTY - C 9  
- Quantity
  This segment is used to specify quantities related to the current line item.

DTM - C 9  
- Date/time/period
  This segment is used to specify dates related to the current line item. Dates specified here may be used as an aid to product selection, e.g. destroy all products with a sell by date greater than 1st of January 2002.

FTX - C 9  
- Free text
  This segment is used to indicate free text information related to the current line item.

SG11 - C 9  
- RFF
  A group of segments to give reference numbers and dates.

RFF - M 1  
- Reference
  This segment is used to provide references specific to the line item. References specified here override any global references provided in the heading section of the cargo/goods handling and movement message when the same qualifier is used.

SG12 - C 99  
- PAC-MEA-QTY-SG13
  A group of segments providing details how the product item is packed, such as number and type of packages, physical measurements and quantities.

PAC - M 1  
- Package
  This segment is used to specify the packaging details for the currently identified line item.

MEA - C 9  
- Measurements
  This segment is used to provide measurements relevant to the packaging described in the PAC segment.

QTY - C 9  
- Quantity
  This segment is used to specify the quantity per package specified in the PAC segment.

SG13 - C 9  
- PCI-GIN
  A group of segments identifying one specific package or a number of packages, their marks and numbers.

PCI - M 1  
- Package identification
  This segment is used to provide markings and labels information relevant to the packaging identified in the PAC segment.
4. Segments Description

**GIN - C 9**
- Goods identity number
  This segment is used to provide identification numbers relevant to the packaging identified in the PAC segment.

**Cargo/Goods Handling And Movement Summary Section**

**UNT - M 1**
- Message trailer
  This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.
This section describes each segment used in the EANCOM® Cargo/goods handling and movement message. The original EDIFACT segment layout is listed. The appropriate comments relevant to the EANCOM® subset are indicated.

**Notes:**

1. The segments are presented in the sequence in which they appear in the message. The segment or segment group tag is followed by the (M)andatory / (C)onditional indicator, the maximum number of occurrences and the segment description.

2. Reading from left to right, in column one, the data element tags and descriptions are shown, followed by in the second column the EDIFACT status (M or C), the field format, and the picture of the data elements. These first pieces of information constitute the original EDIFACT segment layout.

Following the EDIFACT information, EANCOM® specific information is provided in the third, fourth, and fifth columns. In the third column a status indicator for the use of (C)onditional EDIFACT data elements (see 2.1 through 2.3 below), in the fourth column the restricted indicator (see point 3 on the following page), and in the fifth column notes and code values used for specific data elements in the message.

2.1 (M)andatory data elements in EDIFACT segments retain their status in EANCOM®.

2.2 Additionally, there are five types of status for data elements with a (C)onditional EDIFACT status, whether for simple, component or composite data elements. These are listed below and can be identified when relevant by the following abbreviations:

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>REQUIRED R</td>
<td>Indicates that the entity is required and must be sent.</td>
</tr>
<tr>
<td>ADVISED A</td>
<td>Indicates that the entity is advised or recommended.</td>
</tr>
<tr>
<td>DEPENDENT D</td>
<td>Indicates that the entity must be sent in certain conditions, as defined by the relevant explanatory note.</td>
</tr>
<tr>
<td>OPTIONAL O</td>
<td>Indicates that the entity is optional and may be sent at the discretion of the user.</td>
</tr>
<tr>
<td>NOT USED N</td>
<td>Indicates that the entity is not used and should be omitted.</td>
</tr>
</tbody>
</table>

2.3 If a composite is flagged as N, NOT USED, all data elements within that composite will have blank status indicators assigned to them.

3. Status indicators detailed in the fourth column which directly relate to the code values detailed in the fifth column may have two values:

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESTRICTED *</td>
<td>A data element marked with an asterisk (*) in the fourth column indicates that the listed codes in column five are the only codes available for use with this data element, in this segment, in this message.</td>
</tr>
<tr>
<td>OPEN</td>
<td>All data elements where coded representation of data is possible and a restricted set of code values is not indicated are open (no asterisk in fourth column). The available codes are listed in the EANCOM® Data Elements and Code Sets Directory. Code values may be given as examples or there may be a note on the format or type of code to be used.</td>
</tr>
</tbody>
</table>

4. Different colours are used for the code values in the segment details: restricted codes are in red and open codes in blue.
### 5. Segments Layout

Segment number: 1

<table>
<thead>
<tr>
<th>UNH</th>
<th>Message header</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UNH</strong></td>
<td>- M</td>
</tr>
</tbody>
</table>

**Function:**
To head, identify and specify a message.

**Notes:**
1. Data element S009/0057 is retained for upward compatibility. The use of S016 and/or S017 is encouraged in preference.
2. The combination of the values carried in data elements 0062 and S009 shall be used to identify uniquely the message within its group (if used) or if not used, within its interchange, for the purpose of acknowledgement.

<table>
<thead>
<tr>
<th>Segment number</th>
<th>EDIFACT</th>
<th>GS1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0062 Message reference number</td>
<td>M an..14</td>
<td>M</td>
<td>Senders unique message reference. Sequence number of messages in the interchange. DE 0062 in UNT will have the same value. Generated by the sender.</td>
</tr>
<tr>
<td>S009 MESSAGE IDENTIFIER</td>
<td>M</td>
<td>M</td>
<td></td>
</tr>
<tr>
<td>0065 Message type</td>
<td>M an..6</td>
<td>M</td>
<td><strong>HANMOV</strong> = Cargo/goods handling and movement message</td>
</tr>
<tr>
<td>0052 Message version number</td>
<td>M an..3</td>
<td>M</td>
<td><strong>D</strong> = Draft version/UN/EDIFACT Directory</td>
</tr>
<tr>
<td>0054 Message release number</td>
<td>M an..3</td>
<td>M</td>
<td><strong>01B</strong> = Release 2001 - B</td>
</tr>
<tr>
<td>0051 Controlling agency, coded</td>
<td>M an..3</td>
<td>M</td>
<td><strong>UN</strong> = UN/CEFACT</td>
</tr>
<tr>
<td>0057 Association assigned code</td>
<td>C an..6</td>
<td>R</td>
<td><strong>EAN004</strong> = GS1 version control number (GS1 Permanent Code) Indicates that the message is the EANCOM version 004 of the Cargo/Goods Handling and Movement message.</td>
</tr>
<tr>
<td>0110 Code list directory version number</td>
<td>C an..6</td>
<td>O</td>
<td>This data element can be used to identify the codelist agreed by the interchange partners, e.g. EAN001 = EANCOM 2002 S4 codelist released on 01.12.2002 by GS1.</td>
</tr>
<tr>
<td>0113 Message type sub-function identification</td>
<td>C an..6</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>0068 Common access reference</td>
<td>C an..35</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>S010 STATUS OF THE TRANSFER</td>
<td>C</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>0070 Sequence of transfers</td>
<td>Mn..2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0073 First and last transfer</td>
<td>C a1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S016 MESSAGE SUBSET IDENTIFICATION</td>
<td>C</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>0115 Message subset identification</td>
<td>M an..14</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0116 Message subset version number</td>
<td>C an..3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0118 Message subset release number</td>
<td>C an..3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0051 Controlling agency, coded</td>
<td>C an..3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S017 MESSAGE IMPLEMENTATION GUIDELINE IDENTIFICATION</td>
<td>C</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>0121 Message implementation guideline identification</td>
<td>M an..14</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## 5. Segments Layout

<table>
<thead>
<tr>
<th>0122</th>
<th>Message implementation</th>
<th>C an..3</th>
<th></th>
</tr>
</thead>
</table>
## 5. Segments Layout

<table>
<thead>
<tr>
<th>Segment number</th>
<th>EDIFACT</th>
<th>GS1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0124</td>
<td>C an..3</td>
<td></td>
<td>Message implementation guideline release number</td>
</tr>
<tr>
<td>0051</td>
<td>C an..3</td>
<td></td>
<td>Controlling agency, coded</td>
</tr>
<tr>
<td>S018</td>
<td>C an..3</td>
<td>N</td>
<td>SCENARIO IDENTIFICATION</td>
</tr>
<tr>
<td>0127</td>
<td>M an..14</td>
<td></td>
<td>Scenario identification</td>
</tr>
<tr>
<td>0128</td>
<td>C an..3</td>
<td></td>
<td>Scenario version number</td>
</tr>
<tr>
<td>0130</td>
<td>C an..3</td>
<td></td>
<td>Scenario release number</td>
</tr>
<tr>
<td>0051</td>
<td>C an..3</td>
<td></td>
<td>Controlling agency, coded</td>
</tr>
</tbody>
</table>

### Segment Notes:
This segment is used to head, identify and specify a message.
DE's 0065, 0052, and 0054: Indicate that the message is a UNSM Cargo/Goods Handling and Movement message based on the D.01B directory.

Example:
UNH+1+HANMOV:D:01B:UN:EAN004'
5. Segments Layout

Segment number: 2

<table>
<thead>
<tr>
<th>Segment</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BGM - M</td>
<td>1 - Beginning of message</td>
</tr>
</tbody>
</table>

Function:
To indicate the type and function of a message and to transmit the identifying number.

<table>
<thead>
<tr>
<th>Segment</th>
<th>EDIFACT</th>
<th>GS1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1001</td>
<td>DOCUMENT/MESSAGE NAME</td>
<td>C</td>
<td>R</td>
</tr>
<tr>
<td>1131</td>
<td>Code list identification code</td>
<td>C an..17</td>
<td>N</td>
</tr>
<tr>
<td>3055</td>
<td>Code list responsible agency code</td>
<td>C an..3</td>
<td>R</td>
</tr>
<tr>
<td>1000</td>
<td>Document name</td>
<td>C an..35</td>
<td>O</td>
</tr>
<tr>
<td>C106</td>
<td>DOCUMENT/MESSAGE IDENTIFICATION</td>
<td>C</td>
<td>R</td>
</tr>
<tr>
<td>1004</td>
<td>Document identifier</td>
<td>C an..35</td>
<td>R</td>
</tr>
<tr>
<td>1056</td>
<td>Version identifier</td>
<td>C an..9</td>
<td>N</td>
</tr>
<tr>
<td>1060</td>
<td>Revision identifier</td>
<td>C an..6</td>
<td>N</td>
</tr>
<tr>
<td>1225</td>
<td>Message function code</td>
<td>C an..3</td>
<td>R</td>
</tr>
</tbody>
</table>

The message function, coded is a critical data element in this segment. It applies to all data indicated in the message. The following definitions apply for the restricted codes:
1 = Cancellation - A previous handling and movement notice is being cancelled. Only the mandatory segments in the message along with the NAD segments identifying the sender and recipient need to be re-transmitted. Identification of the previously sent message should take place in the RFF segment in group 2.
5 = Replacement - The current message cancels and replaces a previously sent handling and movement message. Identification of the previously sent message should take place in the RFF segment in group 2.
9 = Original - An original transmission of an handling and movement message.
31 = Copy - A copy of an handling and movement message for a third party for information purposes.
The identification of the message being copied should be provided in data element 1004.

<table>
<thead>
<tr>
<th>Segment</th>
<th>EDIFACT</th>
<th>GS1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4343</td>
<td>Response type code</td>
<td>C an..3</td>
<td>N</td>
</tr>
</tbody>
</table>
5. Segments Layout

Segment Notes:
This segment is used to indicate the type and function of a message and to transmit the identifying number.

Example:
BGM+90E::9+WH3212+9'
## 5. Segments Layout

### Segment number: 3

<table>
<thead>
<tr>
<th>DTM</th>
<th>9 - Date/time/period</th>
</tr>
</thead>
</table>

**Function:**
To specify date, and/or time, or period.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C507</td>
<td>DATE/TIME/PERIOD</td>
</tr>
</tbody>
</table>

#### DTM C507 DATE/TIME/PERIOD

<table>
<thead>
<tr>
<th>EDIFACT</th>
<th>GS1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>M</td>
<td>M</td>
<td></td>
</tr>
</tbody>
</table>

#### Date or time or period function code qualifier

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>Date or time or period function code qualifier</td>
</tr>
</tbody>
</table>

| M an..3 | M |

#### Date or time or period value

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2380</td>
<td>Date or time or period value</td>
</tr>
</tbody>
</table>

| C an..35 | R |

#### Date or time or period format code

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2379</td>
<td>Date or time or period format code</td>
</tr>
</tbody>
</table>

| C an..3 | R |

#### Segment Notes:
This segment is used to specify the date of the cargo/goods handling and movement message.
DE 2005: Identification of the 'Document/message date/time' (code value 137) is mandatory in an EANCOM message.

Example:
DTM+137:20021008:102'
## 5. Segments Layout

### Segment number: 4

<table>
<thead>
<tr>
<th>Segment</th>
<th>- C</th>
<th>9 - Handling instructions</th>
</tr>
</thead>
</table>

**Function:**
To specify handling and where necessary, notify hazards.

<table>
<thead>
<tr>
<th>EDIFACT</th>
<th>GS1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C524</td>
<td></td>
<td><strong>HANDLING INSTRUCTIONS</strong> C</td>
</tr>
<tr>
<td>4079</td>
<td>C an..3</td>
<td>Handling instruction description code</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>When using the code PKS, Pick in sequence, the sequence in which the picking is to take place is specified by the sequence in which the LIN segments appear in the message.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| 1131 | C an..17 | Code list identification code | N |
| 3055 | C an..3 | Code list responsible agency code | R * | 9 = GS1 |
| 4078 | C an..70 | Handling instruction description | O |
| C218 | C | **HAZARDOUS MATERIAL** | O |
| 7419 | C an..7 | Hazardous material category name code | D | The preferred way to provide 'ADR international classification' or 'Hazardous material standard text' is to use DE 1131. This data element is only used if the actual code is known. |
| 1131 | C an..17 | Code list identification code | O | ADR = Accord Europeen au transport international dangereuses (GS1 Code) |
|          |       | HMT = Hazardous material standard text (GS1 Code) |
| 3055 | C an..3 | Code list responsible agency code | D * | 9 = GS1 |
| 7418 | C an..35 | Hazardous material category name | O | To be used when no code value is available for DE7419. |

**Segment Notes:**

This segment is used to provide handling instructions, and where necessary to provide hazardous information, relevant to the complete cargo/goods handling and movement message.

It is recommended that this segment should only be used to specify handling conditions which are valid for the complete message. If handling instructions are required which are specific to individual products this segment should not be used.

Example:
HAN+MOV::9'
5. Segments Layout

**Segment number:** 5

<table>
<thead>
<tr>
<th><strong>FTX</strong></th>
<th>9 - Free text</th>
</tr>
</thead>
</table>

**Function:**
To provide free form or coded text information.

<table>
<thead>
<tr>
<th><strong>Segment number</strong></th>
<th><strong>EDIFACT</strong></th>
<th><strong>GS1</strong></th>
<th><strong>Description</strong></th>
</tr>
</thead>
</table>
| 4451 | Text subject code qualifier | M an..3 | M | GEN = Entire transaction set  
HAN = Handling instructions  
PAC = Packing/marking information  
ZZZ = Mutually defined |
| 4453 | Free text function code | C an..3 | O | 1 = Text for subsequent use |
| C107 | TEXT REFERENCE | C | D | This composite is only used when trading partners have agreed to use mutually defined code values. |
| 4441 | Free text value code | M an..17 | M | 001 = Reference to standard text between trading partners. |
| 1131 | Code list identification code | C an..17 | O |
| 3055 | Code list responsible agency code | C an..3 | D | 86 = Assigned by party originating the message  
91 = Assigned by supplier or supplier's agent  
92 = Assigned by buyer or buyer's agent  
X6 = Assigned by logistics service provider (GS1 Temporary Code) |
| C108 | TEXT LITERAL | C | D | This composite is only used if coded text can not be used. |
| 4440 | Free text value | M an..512 | M |
| 4440 | Free text value | C an..512 | O |
| 4440 | Free text value | C an..512 | O |
| 4440 | Free text value | C an..512 | O |
| 3453 | Language name code | C an..3 | D | ISO 639 two alpha code  
This data element is only used when non coded free text has been provided in data element C108. |
| 4447 | Free text format code | C an..3 | N |

**Segment Notes:**
This segment is used to indicate free text information related to the entire message.
Use of this segment in free form is not recommended since in most cases it inhibits automatic processing of the cargo/goods handling and movement message.
Coded references to standard texts is an available functionality which enables automatic processing and reduces transmission and processing overheads. Standard texts should be mutually defined among trading partners and can be used to cover legal and other requirements.

**Example:**
FTX+HAN+1+001::91'  
(E.g. Handling information standard text code 001 = Handle according to usual specification).
## 5. Segments Layout

Segment number: 6

<table>
<thead>
<tr>
<th>SG2</th>
<th>- C</th>
<th>9</th>
<th>RFF-DTM</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFF</td>
<td>- M</td>
<td>1</td>
<td>Reference</td>
</tr>
</tbody>
</table>

**Function:**
To specify a reference.

<table>
<thead>
<tr>
<th>Segment</th>
<th>EDIFACT</th>
<th>GS1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C506</td>
<td>REFERENCE</td>
<td>M</td>
<td>M</td>
</tr>
<tr>
<td>1153</td>
<td>Reference code qualifier</td>
<td>Man..3</td>
<td>M</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>CT = Contract number</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>HN = Handling and movement reference number (GS1 Code)</td>
</tr>
<tr>
<td>1154</td>
<td>Reference identifier</td>
<td>C an..70</td>
<td>R</td>
</tr>
<tr>
<td>1156</td>
<td>Document line identifier</td>
<td>C an..6</td>
<td>N</td>
</tr>
<tr>
<td>4000</td>
<td>Reference version identifier</td>
<td>C an..35</td>
<td>N</td>
</tr>
<tr>
<td>1060</td>
<td>Revision identifier</td>
<td>C an..6</td>
<td>N</td>
</tr>
</tbody>
</table>

**Segment Notes:**
This segment is used to specify references which relate to the whole cargo/goods handling and movement message, for example, contract number.

Example: RFF+CT:5252'
5. Segments Layout

Segment number: 7

<table>
<thead>
<tr>
<th>Segment</th>
<th>EDIFACT</th>
<th>GS1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SG2</td>
<td>- C</td>
<td>9 - RFF-DTM</td>
<td></td>
</tr>
<tr>
<td>DTM</td>
<td>- C</td>
<td>9 - Date/time/period</td>
<td></td>
</tr>
</tbody>
</table>

Function:
To specify date, and/or time, or period.

<table>
<thead>
<tr>
<th>Field</th>
<th>EDIFACT</th>
<th>GS1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C507</td>
<td>DATE/TIME/PERIOD</td>
<td>M</td>
<td>M</td>
</tr>
<tr>
<td>171</td>
<td>2005</td>
<td>Date or time or period function code qualifier</td>
<td>M an..3</td>
</tr>
<tr>
<td>102</td>
<td>2380</td>
<td>Date or time or period value</td>
<td>C an..35</td>
</tr>
<tr>
<td>203</td>
<td>2379</td>
<td>Date or time or period format code</td>
<td>C an..3</td>
</tr>
</tbody>
</table>

Segment Notes:
This segment is used to specify dates relating to the references given in the previous RFF segment.

Example:
DTM+171:20020804:102'
## 5. Segments Layout

### Segment number: 8

<table>
<thead>
<tr>
<th>Segment</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SG3</td>
<td>- C</td>
<td>9 - NAD-LOC-SG4</td>
</tr>
<tr>
<td>NAD</td>
<td>- M</td>
<td>1 - Name and address</td>
</tr>
</tbody>
</table>

### Function:

To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

<table>
<thead>
<tr>
<th>EDIFACT</th>
<th>GS1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3035</td>
<td>M</td>
<td>Party function code qualifier</td>
</tr>
<tr>
<td>3039</td>
<td>M</td>
<td>Party identifier</td>
</tr>
<tr>
<td>1131</td>
<td>N</td>
<td>Code list identification code</td>
</tr>
<tr>
<td>3055</td>
<td>R*</td>
<td>Code list responsible agency code</td>
</tr>
<tr>
<td>C082</td>
<td>A</td>
<td>PARTY IDENTIFICATION DETAILS</td>
</tr>
<tr>
<td>C058</td>
<td>O</td>
<td>NAME AND ADDRESS</td>
</tr>
<tr>
<td>C080</td>
<td>D</td>
<td>PARTY NAME</td>
</tr>
<tr>
<td>C059</td>
<td>D</td>
<td>STREET</td>
</tr>
<tr>
<td>C819</td>
<td>D</td>
<td>COUNTRY SUB-ENTITY DETAILS</td>
</tr>
</tbody>
</table>

**For identification of parties it is recommended to use GLN - Format n13.**

**This composite may only be used to fulfill the requirements of directive 2003/58/EC, article 4.**
## 5. Segments Layout

### Segment number: 8

<table>
<thead>
<tr>
<th>EDIFACT</th>
<th>GS1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3229</td>
<td>C an..9</td>
<td>Country sub-entity name code</td>
</tr>
<tr>
<td>1131</td>
<td>C an..17</td>
<td>Code list identification code</td>
</tr>
<tr>
<td>3055</td>
<td>C an..3</td>
<td>Code list responsible agency code</td>
</tr>
<tr>
<td>3228</td>
<td>C an..70</td>
<td>Country sub-entity name</td>
</tr>
<tr>
<td>3251</td>
<td>C an..17</td>
<td>Postal identification code</td>
</tr>
<tr>
<td>3207</td>
<td>C an..3</td>
<td>Country name code</td>
</tr>
</tbody>
</table>

**Segment Notes:**

This segment is used to identify the parties involved in the Cargo/goods handling and movement process. Identification of the service ordering party (e.g. buyer, supplier, etc) and the logistic service provider is mandatory in the message.

Example:

NAD+OB+5412345123453::9'
NAD+LSP+5432154111113::9'

**Dependency Notes:**
The following composites and data elements are only used when a coded name and address can not be used. The affected composites and data elements are as follows:

C080 - C059 - 3164 - C819 - 3251 - 3207
5. Segments Layout

Segment number: 9

<table>
<thead>
<tr>
<th>SG3</th>
<th>- C</th>
<th>9 - NAD-LOC-SG4</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOC</td>
<td>- C</td>
<td>9 - Place/location identification</td>
</tr>
</tbody>
</table>

Function:
To identify a place or a location and/or related locations.

<table>
<thead>
<tr>
<th>EDIFACT</th>
<th>GS1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3227</td>
<td>M</td>
<td>14 = Location of goods</td>
</tr>
<tr>
<td></td>
<td></td>
<td>22E = Movement to location (GS1 Code)</td>
</tr>
<tr>
<td>C517</td>
<td>A</td>
<td>Location IDENTIFICATION</td>
</tr>
<tr>
<td>3225</td>
<td>R</td>
<td>GLN - Format n13</td>
</tr>
<tr>
<td>1131</td>
<td>O</td>
<td>Code list IDENTIFICATION code</td>
</tr>
<tr>
<td>3055</td>
<td>D</td>
<td>9 = GS1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>DE 3055 must be used if DE 3225 is used and does not contain an UN/LOCODE.</td>
</tr>
<tr>
<td>3224</td>
<td>N</td>
<td>Location IDENTIFICATION</td>
</tr>
<tr>
<td>C519</td>
<td>N</td>
<td>RELATED LOCATION ONE IDENTIFICATION</td>
</tr>
<tr>
<td>3223</td>
<td>C</td>
<td>First related location name code</td>
</tr>
<tr>
<td>1131</td>
<td>C</td>
<td>Code list IDENTIFICATION code</td>
</tr>
<tr>
<td>3055</td>
<td>C</td>
<td>Code list responsible agency code</td>
</tr>
<tr>
<td>3222</td>
<td>C</td>
<td>First related location name</td>
</tr>
<tr>
<td>C553</td>
<td>N</td>
<td>RELATED LOCATION TWO IDENTIFICATION</td>
</tr>
<tr>
<td>3233</td>
<td>C</td>
<td>Second related location name code</td>
</tr>
<tr>
<td>1131</td>
<td>C</td>
<td>Code list IDENTIFICATION code</td>
</tr>
<tr>
<td>3055</td>
<td>C</td>
<td>Code list responsible agency code</td>
</tr>
<tr>
<td>3232</td>
<td>C</td>
<td>Second related location name</td>
</tr>
<tr>
<td>5479</td>
<td>N</td>
<td>Relation code</td>
</tr>
</tbody>
</table>

Segment Notes:
This segment is used to identify locations relevant to the parties identified in the NAD segment.
If the message is being used to request any other handling function than movement, then only the location of the goods needs to be specified.
If the message is used for warehouse movement purposes then the identification of the location of goods (where they currently are) and the movement to location is mandatory.

Example:
LOC+14+5412345678908::9'
LOC+22E+5412345000013::9'
The goods are currently located at the location identified by the Global Location Number GLN 5412345678908 and are to be moved to the location identified by the location number 5412345000013. Both locations identified here are under the jurisdiction of the logistic service provider identified in the NAD segment using the LSP party qualifier.
5. Segments Layout

Segment number: 10

| SG3 | - C | 9 - NAD-LOC-SG4 |
| SG4 | - C | 9 - RFF        |
| RFF | - M | 1 - Reference  |

Function:
To specify a reference.

<table>
<thead>
<tr>
<th>EDIFACT</th>
<th>GS1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C506</td>
<td></td>
<td>Reference</td>
</tr>
<tr>
<td>1153</td>
<td>M</td>
<td>Reference code qualifier</td>
</tr>
<tr>
<td>1154</td>
<td>C</td>
<td>Reference identifier</td>
</tr>
<tr>
<td>1156</td>
<td>C</td>
<td>Document line identifier</td>
</tr>
<tr>
<td>4000</td>
<td>C</td>
<td>Reference version identifier</td>
</tr>
<tr>
<td>1060</td>
<td>C</td>
<td>Revision identifier</td>
</tr>
</tbody>
</table>

Segment Notes:
This segment is used to specify reference numbers related to the trading parties identified in the previous NAD segment.

Example: RFF+YC1:VR12345'
The source of the additional party identification is linked to the party specified in the NAD segment.
## Segment number: 11


### LIN - M 1 - Line item

**Function:**
To identify a line item and configuration.

<table>
<thead>
<tr>
<th>EDIFACT</th>
<th>GS1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1082</td>
<td>Line item identifier</td>
<td>C an..6 R</td>
</tr>
<tr>
<td>1229</td>
<td>Action request/notification description code</td>
<td>C an..3 N</td>
</tr>
<tr>
<td>C212</td>
<td>ITEM NUMBER IDENTIFICATION</td>
<td>C D</td>
</tr>
<tr>
<td>7140</td>
<td>Item identifier</td>
<td>C an..35 R</td>
</tr>
<tr>
<td>7143</td>
<td>Item type identification code</td>
<td>C an..3 R *</td>
</tr>
<tr>
<td>1131</td>
<td>Code list identification code</td>
<td>C an..17 N</td>
</tr>
<tr>
<td>3055</td>
<td>Code list responsible agency code</td>
<td>C an..3 N</td>
</tr>
<tr>
<td>C829</td>
<td>SUB-LINE INFORMATION</td>
<td>C D</td>
</tr>
<tr>
<td>5495</td>
<td>Sub-line indicator code</td>
<td>C an..3 R *</td>
</tr>
<tr>
<td>1082</td>
<td>Line item identifier</td>
<td>C an..6 R</td>
</tr>
<tr>
<td>1222</td>
<td>Configuration level number</td>
<td>C n..2 N</td>
</tr>
<tr>
<td>7083</td>
<td>Configuration operation code</td>
<td>C an..3 N</td>
</tr>
</tbody>
</table>

**Segment Notes:**
This segment is used to signify the beginning of the detail section of the cargo/goods handling and movement message.
If Global Trade Item Numbers are available it is mandatory to use GTIN within the LIN segment.
The detail section is formed by a repeating group of segments, always starting with a LIN segment.

**Example:**
LIN+1++4000862141404:SRV'

**Dependency Notes:**
C829 is only used when sub-lines are required.
FOR A COMPLETE DESCRIPTION ON THE USAGE OF SUB-LINES PLEASE REFER TO PART I, SECTION 4.10.
### 5. Segments Layout

**Segment number:** 12

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PIA</td>
<td>- C</td>
<td>9 - Additional product id</td>
</tr>
</tbody>
</table>

**Function:**

To specify additional or substitutional item identification codes.

<table>
<thead>
<tr>
<th>Function Code</th>
<th>EDIFACT Qualifier</th>
<th>GS1 Qualifier</th>
<th>Description</th>
</tr>
</thead>
</table>
| 4347          | Product identifier code qualifier M an..3 | M * | 1 = Additional identification  
|               |                   |               | 5 = Product identification  |
|               |                   |               | Product Id function coded has the following restricted coded functions:  
|               |                   |               | 1 - Additional Identification - To provide an additional identity for the product identified in the LIN segment.  
|               |                   |               | The additional identification can consist of:  
|               |                   |               | A supplemental identification which provides more information complementary to the main trade item number provided in the LIN segment, e.g. a harmonised system number, promotional variant number, product group number, etc.  
|               |                   |               | An alternative identification which may be used instead of the main trade item number provided in the LIN segment, e.g. a buyers part number, etc.  
|               |                   |               | 5 - Product Identification - To provide the primary product identification code when no GTIN has been provided in the LIN segment.  |

<table>
<thead>
<tr>
<th>C212</th>
<th>ITEM NUMBER IDENTIFICATION</th>
<th>M</th>
<th>M</th>
</tr>
</thead>
<tbody>
<tr>
<td>7140</td>
<td>Item identifier</td>
<td>C an..35</td>
<td>R</td>
</tr>
<tr>
<td>7143</td>
<td>Item type identification code</td>
<td>C an..3</td>
<td>R</td>
</tr>
</tbody>
</table>
|        |                             | HS = Harmonised system  
|        |                             | IN = Buyer's item number  
|        |                             | MF = Manufacturer's (producer's) article number  
|        |                             | PV = Promotional variant number  
|        |                             | SA = Supplier's article number  
|        |                             | SRV = GS1 Global Trade Item Number |
| 1131   | Code list identification code | C an..17 | O |
| 3055   | Code list responsible agency code | C an..3 | D |
|        |                             | 9 = GS1  |
| C212   | ITEM NUMBER IDENTIFICATION | C | O |
| 7140   | Item identifier            | C an..35 | R |
| 7143   | Item type identification code | C an..3 | R |
| 1131   | Code list identification code | C an..17 | O |
| 3055   | Code list responsible agency code | C an..3 | D |
| C212   | ITEM NUMBER IDENTIFICATION | C | O |
| 7140   | Item identifier            | C an..35 | R |
| 7143   | Item type identification code | C an..3 | R |
| 1131   | Code list identification code | C an..17 | O |
| 3055   | Code list responsible agency code | C an..3 | D |
5. Segments Layout

<table>
<thead>
<tr>
<th>Segment number: 12</th>
<th>EDIFACT</th>
<th>GS1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C212</strong> ITEM NUMBER IDENTIFICATION</td>
<td>C</td>
<td>O</td>
<td></td>
</tr>
<tr>
<td>7140 Item identifier</td>
<td>C an..35</td>
<td>R</td>
<td></td>
</tr>
<tr>
<td>7143 Item type identification code</td>
<td>C an..3</td>
<td>R</td>
<td></td>
</tr>
<tr>
<td>1131 Code list identification code</td>
<td>C an..17</td>
<td>O</td>
<td></td>
</tr>
<tr>
<td>3055 Code list responsible agency code</td>
<td>C an..3</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td><strong>C212</strong> ITEM NUMBER IDENTIFICATION</td>
<td>C</td>
<td>O</td>
<td></td>
</tr>
<tr>
<td>7140 Item identifier</td>
<td>C an..35</td>
<td>R</td>
<td></td>
</tr>
<tr>
<td>7143 Item type identification code</td>
<td>C an..3</td>
<td>R</td>
<td></td>
</tr>
<tr>
<td>1131 Code list identification code</td>
<td>C an..17</td>
<td>O</td>
<td></td>
</tr>
<tr>
<td>3055 Code list responsible agency code</td>
<td>C an..3</td>
<td>D</td>
<td></td>
</tr>
</tbody>
</table>

Segment Notes:
This segment is used to specify additional or substitutional item identification codes such as a buyer's or supplier's item number.

Examples:
PIA+1+ABC5343:MF
In this example the PIA segment is used to provide an additional identification to the trade item number provided in the LIN segment. The GTIN 4000862141404 provided in the LIN segment refers to the manufacturers article number ABC5343.

PIA+5+2209953C001L:AC
This example details the HIBC code 2209953C001L which is provided as the primary product code because no GTIN was provided in the LIN segment.
5. Segments Layout

<table>
<thead>
<tr>
<th>Segment number:</th>
<th>13</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMD - C</td>
<td>99 - Item description</td>
</tr>
</tbody>
</table>

Function:
To describe an item in either an industry or free format.

<table>
<thead>
<tr>
<th>EDIFACT</th>
<th>GS1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7077</td>
<td>C an..3</td>
<td>O</td>
</tr>
<tr>
<td>C272</td>
<td>ITEM CHARACTERISTIC</td>
<td>C</td>
</tr>
<tr>
<td>7081</td>
<td>Item characteristic code</td>
<td>C an..3</td>
</tr>
<tr>
<td>1131</td>
<td>Code list identification code</td>
<td>C an..17</td>
</tr>
<tr>
<td>3055</td>
<td>Code list responsible agency code</td>
<td>C an..3</td>
</tr>
<tr>
<td>C273</td>
<td>ITEM DESCRIPTION</td>
<td>C</td>
</tr>
<tr>
<td>7009</td>
<td>Item description code</td>
<td>C an..17</td>
</tr>
<tr>
<td>1131</td>
<td>Code list identification code</td>
<td>C an..17</td>
</tr>
<tr>
<td>3055</td>
<td>Code list responsible agency code</td>
<td>C an..3</td>
</tr>
<tr>
<td>7008</td>
<td>Item description</td>
<td>C an..256</td>
</tr>
<tr>
<td>3453</td>
<td>Language name code</td>
<td>C an..3</td>
</tr>
<tr>
<td>7383</td>
<td>Surface or layer code</td>
<td>C an..3</td>
</tr>
</tbody>
</table>

Segment Notes:
This segment is used to provide description of the current line item.
It is recommended that this segment should only be used for coded descriptions. Data element 7008 in clear text should only be used when no product code is available or when free-form descriptions are required by trading partners.
If you wish to indicate that promotional details are marked on the package, then this should be indicated in DE 7233 in the PAC segment.

Example:
IMD+C++TU::9'  
IMD+F++:::CORN CRUNCHIES:CASE'
## 5. Segments Layout

### Segment number: 14

| HAN | - C  | 9 - Handling instructions |

**Function:**
To specify handling and where necessary, notify hazards.

### EDIFACT GS1 * Description

| C524 HANDLING INSTRUCTIONS | C R | DES = Destroy (GS1 Code) |
| 4079 Handling instruction description code | C an..3 R * |
| 1131 Code list identification code | C an..17 N |
| 3055 Code list responsible agency code | C an..3 R * 9 = GS1 |
| 4078 Handling instruction description | C an..70 O |
| C218 HAZARDOUS MATERIAL | C O |
| 7419 Hazardous material category name code | C an..7 D The preferred way to provide 'ADR international classification' or 'Hazardous material standard text' is to use DE 1131. This data element is only used if the actual code is known. |
| 1131 Code list identification code | C an..17 O |
| 3055 Code list responsible agency code | C an..3 D |
| 7418 Hazardous material category name | C an..35 O To be used when no code value is available for DE7419. |

**Segment Notes:**
This segment is used to provide handling instructions, and where necessary to provide hazardous information, relevant to the current line item.

Use of this segment at line level is not recommended if the HAN segment at heading level has been included.

Users are recommended to indicate handling instructions at either heading or detail level but not both.

Example:
HAN+LAB::9'

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### 5. Segments Layout

Segment number: 15

<table>
<thead>
<tr>
<th>Segment</th>
<th>Function</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SG9</td>
<td>- C</td>
<td>9 - NAD</td>
</tr>
<tr>
<td>NAD</td>
<td>- M</td>
<td>1 - Name and address</td>
</tr>
</tbody>
</table>

**Function:**

To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

**EDIFACT**

<table>
<thead>
<tr>
<th>EDIFACT</th>
<th>GS1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3035</td>
<td>M</td>
<td>Party function code qualifier</td>
</tr>
<tr>
<td>C082</td>
<td>A</td>
<td>PARTY IDENTIFICATION DETAILS</td>
</tr>
<tr>
<td>3039</td>
<td>M</td>
<td>Party identifier</td>
</tr>
<tr>
<td>1131</td>
<td>N</td>
<td>Code list identification code</td>
</tr>
<tr>
<td>3055</td>
<td>R</td>
<td>Code list responsible agency code</td>
</tr>
<tr>
<td>C058</td>
<td>O</td>
<td>NAME AND ADDRESS</td>
</tr>
<tr>
<td>3124</td>
<td>M</td>
<td>Name and address description</td>
</tr>
<tr>
<td>C080</td>
<td>D</td>
<td>PARTY NAME</td>
</tr>
<tr>
<td>3036</td>
<td>M</td>
<td>Party name</td>
</tr>
<tr>
<td>3045</td>
<td>O</td>
<td>Party name format code</td>
</tr>
<tr>
<td>C059</td>
<td>D</td>
<td>STREET</td>
</tr>
<tr>
<td>3042</td>
<td>M</td>
<td>Street and number or post office box identifier</td>
</tr>
<tr>
<td>3164</td>
<td>D</td>
<td>City name</td>
</tr>
<tr>
<td>C819</td>
<td>D</td>
<td>COUNTRY SUB-ENTITY DETAILS</td>
</tr>
<tr>
<td>3229</td>
<td>O</td>
<td>Country sub-entity name code</td>
</tr>
</tbody>
</table>

**EDIFACT**

- **BY** = Buyer
- **CA** = Carrier
- **DP** = Delivery party
- **MF** = Manufacturer of goods

**Description**

- For identification of parties it is recommended to use GLN - Format n13.
- This composite may only be used to fulfill the requirements of directive 2003/58/EC, article 4.
- Party Name in clear text.
### 5. Segments Layout

Segment number: 15

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1131</td>
<td>Code list identification code</td>
</tr>
<tr>
<td>3055</td>
<td>Code list responsible agency code</td>
</tr>
<tr>
<td>3228</td>
<td>Country sub-entity name</td>
</tr>
<tr>
<td>3251</td>
<td>Postal identification code</td>
</tr>
<tr>
<td>3207</td>
<td>Country name code</td>
</tr>
</tbody>
</table>

#### Segment Notes:

This segment is used to identify parties related to the current line item. It may be used as an aid to product selection, e.g. all products from one manufacturer, or as information which is to be used when preparing a shipment containing the product, e.g. carrier, delivery party, etc.

**Example:**

```
NAD+DP+5412345111115::9'
```

#### Dependency Notes:

The following composites and data elements are only used when a coded name and address can not be used. The affected composites and data elements are as follows:

- C080
- C059
- 3164
- C819
- 3251
- 3207
5. Segments Layout

Segment number: 16

| QTY | - C | 9 - Quantity |

Function:
To specify a pertinent quantity.

<table>
<thead>
<tr>
<th>EDIFACT</th>
<th>GS1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C186 QUANTITY DETAILS</td>
<td>M</td>
<td>M</td>
</tr>
<tr>
<td>6063 Quantity type code qualifier</td>
<td>M an..3</td>
<td>M</td>
</tr>
<tr>
<td>6060 Quantity</td>
<td>M an..35</td>
<td>M</td>
</tr>
<tr>
<td>6411 Measurement unit code</td>
<td>C an..3</td>
<td>D</td>
</tr>
</tbody>
</table>

1 = Discrete quantity
52 = Quantity per pack
17E = Number of units in lower packaging or configuration level (GS1 Code)
45E = Number of units in higher packaging or configuration level (GS1 Code)

Segment Notes:
This segment is used to specify quantities related to the current line item.

Example:
QTY+52:40'
5. Segments Layout

Segment number: 17

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>DTM</td>
<td>- C</td>
<td>9 - Date/time/period</td>
</tr>
</tbody>
</table>

Function:
To specify date, and/or time, or period.

<table>
<thead>
<tr>
<th>EDIFACT</th>
<th>GS1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C507</td>
<td>M</td>
<td>M</td>
</tr>
<tr>
<td>2005</td>
<td>M an..3</td>
<td>M</td>
</tr>
<tr>
<td>2 = Delivery date/time, requested</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 = Shipment date/time, requested</td>
<td></td>
<td></td>
</tr>
<tr>
<td>X14 = Requested for delivery week</td>
<td></td>
<td></td>
</tr>
<tr>
<td>commencing (GS1 Code)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>94 = Production/manufacture date</td>
<td></td>
<td></td>
</tr>
<tr>
<td>360 = Sell by date</td>
<td></td>
<td></td>
</tr>
<tr>
<td>361 = Best before date</td>
<td></td>
<td></td>
</tr>
<tr>
<td>365 = Packaging date</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2380</td>
<td>C an..35</td>
<td>R</td>
</tr>
<tr>
<td>2379</td>
<td>C an..3</td>
<td>R</td>
</tr>
<tr>
<td>102 = CCYYMMDD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>203 = CCYYMMDDHHMM</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Segment Notes:
This segment is used to specify dates related to the current line item. Dates specified here may be used as an aid to product selection, e.g. destroy all products with a sell by date greater than 1st of January 2002.

Example:
DTM+360:20020101:102'
## 5. Segments Layout

Segment number: 18

<table>
<thead>
<tr>
<th>Segment</th>
<th>Code</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>SG8</td>
<td>C</td>
<td>LIN-PIA-IMD-HAN-SG9-QTY-DTM-FTX-SG11-SG12</td>
</tr>
<tr>
<td>FTX</td>
<td>C</td>
<td>Free text</td>
</tr>
</tbody>
</table>

### Function:

To provide free form or coded text information.

<table>
<thead>
<tr>
<th>EDIFACT</th>
<th>GS1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4451</td>
<td>M</td>
<td>Text subject code qualifier</td>
</tr>
<tr>
<td>4453</td>
<td>O</td>
<td>Free text function code</td>
</tr>
<tr>
<td>C107</td>
<td>D</td>
<td>TEXT REFERENCE</td>
</tr>
<tr>
<td>4441</td>
<td>M</td>
<td>Free text value code</td>
</tr>
<tr>
<td>1131</td>
<td>O</td>
<td>Code list identification code</td>
</tr>
<tr>
<td>3055</td>
<td>D</td>
<td>Code list responsible agency code</td>
</tr>
<tr>
<td>C108</td>
<td>D</td>
<td>TEXT LITERAL</td>
</tr>
<tr>
<td>4440</td>
<td>M</td>
<td>Free text value</td>
</tr>
<tr>
<td>4440</td>
<td>O</td>
<td>Free text value</td>
</tr>
<tr>
<td>4440</td>
<td>O</td>
<td>Free text value</td>
</tr>
<tr>
<td>4440</td>
<td>O</td>
<td>Free text value</td>
</tr>
<tr>
<td>3453</td>
<td>D</td>
<td>Language name code</td>
</tr>
<tr>
<td>4447</td>
<td>N</td>
<td>Free text format code</td>
</tr>
</tbody>
</table>

### Segment Notes:

This segment is used to indicate free text information related to the current line item. The use of the FTX segment in free form is not recommended since in most cases it inhibits automatic processing of the handling and movement message. Coded references to standard texts is an available functionality which enables automatic processing and reduces transmission and processing overheads. Standard texts should be mutually defined among trading partners and can be used to cover legal or other requirements.

Example:

FTX+ZZZ+1+002::91'

e.g. Standard Text Code 002 = 'Move goods to bonded warehouse.'
## 5. Segments Layout

Segment number: 19

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SG11</td>
<td>- C</td>
<td>9 - RFF</td>
</tr>
<tr>
<td>RFF</td>
<td>- M</td>
<td>1 - Reference</td>
</tr>
</tbody>
</table>

**Function:**
To specify a reference.

<table>
<thead>
<tr>
<th>EDIFACT</th>
<th>GS1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C506</td>
<td>M</td>
<td>M</td>
</tr>
<tr>
<td>1153</td>
<td>M</td>
<td>CR = Customer reference number</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CT = Contract number</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ON = Order number (buyer)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PK = Packing list number</td>
</tr>
<tr>
<td></td>
<td></td>
<td>VN = Order number (supplier)</td>
</tr>
<tr>
<td>1154</td>
<td>C</td>
<td>R</td>
</tr>
<tr>
<td>1156</td>
<td>C</td>
<td>O</td>
</tr>
<tr>
<td>4000</td>
<td>C</td>
<td>N</td>
</tr>
<tr>
<td>1060</td>
<td>C</td>
<td>N</td>
</tr>
</tbody>
</table>

**Segment Notes:**
This segment is used to provide references specific to the line item. References specified here override any global references provided in the heading section of the cargo/goods handling and movement message when the same qualifier is used.

**Example:**
RFF+PK:8306'
5. Segments Layout

Segment number: 20

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>EDIFACT</th>
<th>GS1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SG8</td>
<td>Package quantity</td>
<td>C</td>
<td>O</td>
<td></td>
</tr>
<tr>
<td>SG12</td>
<td>PACKAGING DETAILS</td>
<td>C</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>PAC</td>
<td>Packaging level code</td>
<td>C</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>7224</td>
<td>Packaging related description code</td>
<td>C</td>
<td>O</td>
<td>50 = Package barcoded EAN-13 or EAN-8</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>51 = Package barcoded ITF-14</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>52 = Package barcoded UCC or EAN-128</td>
</tr>
<tr>
<td>7073</td>
<td>Packaging terms and conditions code</td>
<td>C</td>
<td>O</td>
<td>1E = Unpack from (GS1 Code)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2E = Repack in (GS1 Code)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3E = Pack in (GS1 Code)</td>
</tr>
<tr>
<td>C202</td>
<td>PACKAGE TYPE</td>
<td>C</td>
<td>O</td>
<td></td>
</tr>
<tr>
<td>7065</td>
<td>Package type description code</td>
<td>C</td>
<td>A</td>
<td>PU =</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SL =</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>09 = Returnable pallet (GS1 Code)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>201 = Pallet ISO 1 - 1/1 EURO Pallet (GS1 Code)</td>
</tr>
<tr>
<td>1131</td>
<td>Code list identification code</td>
<td>C</td>
<td>O</td>
<td></td>
</tr>
<tr>
<td>3055</td>
<td>Code list responsible agency code</td>
<td>C</td>
<td>D</td>
<td>9 = GS1</td>
</tr>
<tr>
<td>7064</td>
<td>Type of packages</td>
<td>C</td>
<td>O</td>
<td></td>
</tr>
<tr>
<td>C402</td>
<td>PACKAGE TYPE IDENTIFICATION</td>
<td>C</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>7077</td>
<td>Description format code</td>
<td>M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7064</td>
<td>Type of packages</td>
<td>M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7143</td>
<td>Item type identification code</td>
<td>C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7064</td>
<td>Type of packages</td>
<td>C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7143</td>
<td>Item type identification code</td>
<td>C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C532</td>
<td>RETURNABLE PACKAGE DETAILS</td>
<td>C</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>8395</td>
<td>Returnable package freight payment responsibility code</td>
<td>C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8393</td>
<td>Returnable package load contents code</td>
<td>C</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Segment Notes:
This segment is used to specify the packaging details for the currently identified line item.
When this segment is used for unpacking and re-packing purposes segment group 12 must be repeated to identify the 'unpack from' and 're-pack in' packages and any information associated with the unpack/re-pack, e.g. SSCC's.

Example:
PAC+10+:50+PK
This example details 10 packages barcoded with EAN-13 or EAN-8.
## 5. Segments Layout

### Segment number: 21

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SG12</td>
<td>- C</td>
<td>99 - PAC-MEA-QTY-SG13</td>
</tr>
<tr>
<td>MEA</td>
<td>- C</td>
<td>9 - Measurements</td>
</tr>
</tbody>
</table>

**Function:**
To specify physical measurements, including dimension tolerances, weights and counts.

<table>
<thead>
<tr>
<th>EDIFACT</th>
<th>GS1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6311</td>
<td>M</td>
<td>PD = Physical dimensions (product ordered)</td>
</tr>
<tr>
<td>C502</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>6313</td>
<td>A</td>
<td>AEA = Loading height</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AEB = Stacking height</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HT = Height dimension</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAY = Number of layers (GS1 Code)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LN = Length dimension</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ULY = Number of units per layer (GS1 Code)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>WD = Width dimension</td>
</tr>
<tr>
<td>6321</td>
<td>O</td>
<td>3 = Approximately</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 = Equal to</td>
</tr>
<tr>
<td>6155</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>6154</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>C174</td>
<td>R</td>
<td></td>
</tr>
<tr>
<td>6411</td>
<td>M</td>
<td>CMT = centimetre</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MTQ = cubic metre</td>
</tr>
<tr>
<td></td>
<td></td>
<td>H87 = Piece</td>
</tr>
<tr>
<td>6314</td>
<td>O</td>
<td></td>
</tr>
<tr>
<td>6162</td>
<td>O</td>
<td></td>
</tr>
<tr>
<td>6152</td>
<td>O</td>
<td></td>
</tr>
<tr>
<td>6432</td>
<td>O</td>
<td></td>
</tr>
<tr>
<td>7383</td>
<td>N</td>
<td></td>
</tr>
</tbody>
</table>

**Segment Notes:**
This segment is used to provide measurements relevant to the packaging described in the PAC segment.

**Example:**
MEA+PD+ULY+PCE:12"
5. Segments Layout

Segment number: 22

| SG12 | - C  | 99 - PAC-MEA-QTY-SG13 |
| QTY | - C  | 9 - Quantity |

Function:
To specify a pertinent quantity.

<table>
<thead>
<tr>
<th>Segment Code</th>
<th>EDIFACT Description</th>
<th>GS1 Description</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C186 QUANTITY DETAILS</td>
<td>M</td>
<td>M</td>
<td></td>
</tr>
<tr>
<td>6063 Quantity type code qualifier</td>
<td>Man..3</td>
<td>M</td>
<td>*</td>
</tr>
<tr>
<td>6060 Quantity</td>
<td>Man..35</td>
<td>M</td>
<td></td>
</tr>
<tr>
<td>6411 Measurement unit code</td>
<td>Can..3</td>
<td>O</td>
<td></td>
</tr>
</tbody>
</table>

Segment Notes:
This segment is used to specify the quantity per package specified in the PAC segment.

Example:
QTY+52:24
## 5. Segments Layout

### Segment number: 23

| SG12 | C | 99 - PAC-MEA-QTY-SG13 |
| SG13 | C | 9 - PCI-GIN |
| PCI | M | 1 - Package identification |

### Function:
To specify markings and labels on individual packages or physical units.

<table>
<thead>
<tr>
<th>EDIFACT</th>
<th>GS1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4233</td>
<td>R</td>
<td>Marking instructions code</td>
</tr>
<tr>
<td>7102</td>
<td>M</td>
<td>Shipping marks description</td>
</tr>
<tr>
<td>7102</td>
<td>O</td>
<td>Shipping marks description</td>
</tr>
<tr>
<td>7102</td>
<td>O</td>
<td>Shipping marks description</td>
</tr>
<tr>
<td>7102</td>
<td>O</td>
<td>Shipping marks description</td>
</tr>
<tr>
<td>7102</td>
<td>O</td>
<td>Shipping marks description</td>
</tr>
<tr>
<td>7102</td>
<td>O</td>
<td>Mark batch number</td>
</tr>
<tr>
<td>7102</td>
<td>O</td>
<td>Mark expiry date</td>
</tr>
<tr>
<td>7102</td>
<td>O</td>
<td>Buyer's instructions</td>
</tr>
<tr>
<td>7102</td>
<td>O</td>
<td>Supplier's instructions</td>
</tr>
<tr>
<td>7102</td>
<td>O</td>
<td>Carrier's instructions</td>
</tr>
<tr>
<td>30</td>
<td>O</td>
<td>Mark serial shipping container code</td>
</tr>
<tr>
<td>31E</td>
<td>O</td>
<td>Mark price (GS1 Code)</td>
</tr>
<tr>
<td>32E</td>
<td>O</td>
<td>Mark serial shipping container code (GS1 Code)</td>
</tr>
<tr>
<td>33E</td>
<td>O</td>
<td>Marked with serial shipping container code (GS1 Code)</td>
</tr>
<tr>
<td>34E</td>
<td>O</td>
<td>Marked with GS1 number (GS1 Code)</td>
</tr>
</tbody>
</table>

### Segment Notes:
This segment is used to provide markings and labels information relevant to the packaging identified in the PAC segment.

Example:
- PCI+30'
- PCI+17+HANDLE WITH CARE'
5. Segments Layout

Segment number: 24

<table>
<thead>
<tr>
<th>Segment</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SG8</td>
<td>99 - LIN-PIA-IMD-HAN-SG9-QTY-FTX-SG11-SG12</td>
</tr>
<tr>
<td>SG12</td>
<td>99 - PAC-MEA-QTY-SG13</td>
</tr>
<tr>
<td>SG13</td>
<td>9 - PCI-GIN</td>
</tr>
<tr>
<td>GIN</td>
<td>9 - Goods identity number</td>
</tr>
</tbody>
</table>

Function:
To give specific identification numbers, either as single numbers or ranges.

<table>
<thead>
<tr>
<th>EDIFACT</th>
<th>GS1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7405</td>
<td>M</td>
<td>Object identification code qualifier</td>
</tr>
<tr>
<td>C208</td>
<td>M</td>
<td>IDENTITY NUMBER RANGE</td>
</tr>
<tr>
<td>7402</td>
<td>M</td>
<td>Object identifier</td>
</tr>
<tr>
<td>7402</td>
<td>O</td>
<td>Object identifier</td>
</tr>
<tr>
<td>C208</td>
<td>O</td>
<td>IDENTITY NUMBER RANGE</td>
</tr>
<tr>
<td>7402</td>
<td>M</td>
<td>Object identifier</td>
</tr>
<tr>
<td>7402</td>
<td>O</td>
<td>Object identifier</td>
</tr>
<tr>
<td>C208</td>
<td>O</td>
<td>IDENTITY NUMBER RANGE</td>
</tr>
<tr>
<td>7402</td>
<td>M</td>
<td>Object identifier</td>
</tr>
<tr>
<td>7402</td>
<td>O</td>
<td>Object identifier</td>
</tr>
<tr>
<td>C208</td>
<td>O</td>
<td>IDENTITY NUMBER RANGE</td>
</tr>
<tr>
<td>7402</td>
<td>M</td>
<td>Object identifier</td>
</tr>
</tbody>
</table>

Segment Notes:
This segment is used to provide identification numbers relevant to the packaging identified in the PAC segment. In EANCOM it is recommended to use the Serial Shipping Container Code (SSCC) for unique identification of individual transport packages.

Example:
GIN+BJ+354123450000000014:354123450000000106'
Segment number: 25

<table>
<thead>
<tr>
<th>UNT</th>
<th>- M</th>
<th>1</th>
<th>Message trailer</th>
</tr>
</thead>
</table>

**Function:**
To end and check the completeness of a message.

**Notes:**
1. 0062, the value shall be identical to the value in 0062 in the corresponding UNH segment.

<table>
<thead>
<tr>
<th>Segment</th>
<th>Description</th>
<th>EDIFACT</th>
<th>GS1</th>
</tr>
</thead>
<tbody>
<tr>
<td>0074</td>
<td>Number of segments in a message</td>
<td>M n..10</td>
<td>M</td>
</tr>
<tr>
<td>0062</td>
<td>Message reference number</td>
<td>M an..14</td>
<td>M</td>
</tr>
</tbody>
</table>

**Segment Notes:**
This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.

**Example:**
UNT+25+1’
6. Examples

Example 1

The following is an example of a Cargo/goods handling and movement message sent from an ordering party identified by GLN 5412345123453 to a logistic service provider identified by GLN 543215411113. The message is dated the 30th of January 2002 and has the message reference WH3212.

The ordering party is requesting the pack and label services for 160 units of the product identified by GTIN 4000862141404. GLN 5412345111115 identifies the location of the product.

The ordering party requests that the 160 units of the product be packed onto 2 non-returnable pallets. The configuration of the pallets is specified as being 2 layers, each with 40 units per layer. The Ordering party also requests that the ordering party's instructions 'Fragile - this way up' and the EAN.UCC Serial Shipping Container Codes 35412345000000014 and 354123450000000106 be marked on the pallets.

```
UNH+1+HANMOV:D:01B:UN:EAN004'
BGM+90E::9+WH3212+9'
DTM+137:20020130:102'
HAN+PAC::9'
HAN+LAB::9'
NAD+OB+5412345123453::9'
NAD+LSP+5432154111113::9'
LOC+14+5412345111115::9'
LIN+1++4000862141404:SRV'
IMD+C++TU'
IMD+F++:::CORN CRUNCHIES:CASE'
QTY+1:160'
PAC+2+:3E+08::9'
MEA+PD+LAY+PCE:2'
MEA+PD+ULY+NAR:40'
QTY+52:80'
PCI+30'
GIN+BJ+35412345000000014+354123450000000106'
PCI+17+FRAGILE - THIS WAY UP'
UNT+20+1'
```

Message header
Cargo/goods handling and movement number
WH3212
Message date 30th of January 2002
Message requests packing services
and labelling services
Party ordering the handling services is identified by GLN 5412345123453
Logistic service provider is identified by GLN 5432154111113
The location where the goods are to be found is identified by GLN 5412345111115
The first product to be packed and labelled is identified by GTIN 4000862141404
This product is a traded unit
The product name is Corn Crunchies
160 units subject to instruction
The product is to be packed on 2 one-way pallets
The pallet is to be packed in two layers
Each layer containing 40 units
Total quantity per pallet is to be 80 units
The pallets are to be marked with a Serial Shipping Container Code
The Serial Shipping Container Codes to be marked are 35412345000000014 and 354123450000000106
The pallets are to be marked with the text 'Fragile - this way up'
Total number of segments in the message equals 20
Example 2

The following is an example of a Cargo/goods handling and movement message sent from a supplier identified by GLN 5432154111113 to a logistics service provider identified by GLN 5411111123451. The message, dated the 10th of January 2002, has the message reference MV006123 and indicates that the ordered services should be completed by the 18th of January 2002 at 12 noon.

Two products are requested for movement from the location identified by GLN 5411111123444 to the location identified by GLN 5411111123550.

The supplier is requesting the movement of 450 units of the product identified by GTIN 4000862141404 and packed on 9 ISO 1 pallets, each containing 50 units, and the movement of 600 units of the product identified by GTIN 5412345111184 and packed on 3 ISO 2 pallets, each containing 200 units.

Example 3

The following is an example of a Cargo/goods handling and movement message sent from a buyer identified by GLN 5412345111115 to a warehouse keeper identified by GLN 5422331123459. The message is dated the 30th of June 2002 and has the message reference WH9852.
The message is a handling request which asks the warehouse keeper to unpack goods from their current packing configuration, re-pack them in a new packing configuration and prepare them for shipment to the delivery party identified by GLN 5412345123453.

The buyer is requesting his warehouse keeper to unpack 4000 units of the products identified by GTIN 4000862141404 which are currently packed on 2 wholesaler pallets, each containing 10 layers of 200 units of the product.

The unpacked products should be re-packed on two different pallet types. Three pallets, of type 1/4 Euro pallets, should be re-packed with 10 layers of 100 units per layer. The remainder of the products should be re-packed on one pallet of pallet type 1/8 Euro pallet each containing 20 layers of 50 units per layer.

Example 4

The following is an example of a Cargo/goods handling and movement message sent from a supplier identified by...
GLN 5071615111110 to his logistic service provider identified by GLN 5098765111111. The message is dated the 14th of February 2002 and has the message reference WH6222.

The message requests that the products detailed in the message be picked from the location identified by GLN 5098765222220 and prepared for shipment to the delivery party identified by GLN 5071615222229, using the services of the carrier identified by GLN 5432154111113.

The products and quantities for picking are identified by the GTINs 4000862141404 (12 units), 5412345111184 (20 units), and 4000862141411 (10 units). All three products are to be packed onto separate ISO 0 pallets.

Example 5

The following is an example of a Cargo/goods handling and movement message sent from a supplier identified by
GLN 5098765222220 to his logistic service provider identified by GLN 5071615222229. The message is dated the 4th of January 2002 and has the message reference WH0655.

The message requests the logistic services provider to pick the products and quantities detailed in sequence, to pack them on the pallets specified, and to label the pallets according to the details provided.

<table>
<thead>
<tr>
<th>GTIN</th>
<th>Quantity</th>
<th>Pallet type</th>
<th>Units per layer</th>
<th>SSCC</th>
</tr>
</thead>
<tbody>
<tr>
<td>4000862141404</td>
<td>20</td>
<td>1/4 Euro</td>
<td>20</td>
<td>35098765000000010</td>
</tr>
<tr>
<td>5412345111184</td>
<td>12</td>
<td>1/4 Euro</td>
<td>12</td>
<td>35098765000000010</td>
</tr>
<tr>
<td>4000862141411</td>
<td>10</td>
<td>1/8 Euro</td>
<td>10</td>
<td>35098765000001055</td>
</tr>
</tbody>
</table>

Note:
The product identified by GTIN 5412345111184 is to be picked and packed on the pallet first, with the product identified by GTIN 4000862141404 packed on the same pallet on top of the first product picked.

UNH+1+HANMOV:D:01B: UN:EAN004 Message header
BGM+90E::9+WH0655+9 Cargo/goods handling and movement number WH0655
DTM+137:20020104:102 Message date 4th of January 2002
HAN+PKS::9 Message requests picking in sequence service
HAN+PAC::9 and packing services
HAN+LAB::9 and labelling services
NAD+SU+5098765222220::9 Supplier is identified by GLN 5098765222220
NAD+LSP+5071615222229::9 Logistic service provider is identified by GLN 5071615222229
LIN+1++5412345111184:SRV First product to be picked is identified by GTIN 5412345111184
QTY+1:12' 12 units subject to the instruction
PAC+1++::3E+203::9 Product is to be packed in one 1/4 Euro pallet
MEA+PD+ULY+PCE:12’ With 10 pieces per layer
QTY+52:12’ Quantity per pack is 12
PCI+30’ The pallet is to be marked with a Serial Shipping Container Code
GIN+BJ+35098765000000010’ Serial Shipping Container Code 35098765000000010 is to be marked
LIN+2++4000862141404:SRV’ Second product to be picked is identified by GTIN 4000862141404
QTY+1:20’ 20 units subject to the instruction
PAC+1++::3E+203::9 Product is to be packed in one 1/4 Euro pallet
MEA+PD+ULY+PCE:20’ With 20 pieces per layer
6. Examples

QTY+52:20’ Quantity per pack is 20

PCI+30’ The pallet is to be marked with a Serial Shipping Container Code

GIN+BJ+35098765000000010’ Serial Shipping Container Code 35098765000000010 is to be marked

LIN+3++4000862141411:SRV’ Second product to be picked is identified by GTIN 4000862141411

QTY+1:10’ 10 units subject to the instruction

PAC+1++3E+204::9’ Product is to be packed in one 1/8 Euro pallet

QTY+52:10’ Quantity per pack is 10

PCI+30’ The pallet is to be marked with a Serial Shipping Container Code

GIN+BJ+350987650000001055 Serial Shipping Container Code 350987650000001055 is to be marked

UNT+29+1’ Total number of segments in the message equals 29

Example 6

The following is an example of a Cargo/goods handling and movement message sent from a supplier identified by GLN 5422331123459 to his logistic service provider identified by GLN 5432154111113. The message is dated the 14th of January 2002 and has the message reference WH5155.

The message requests the logistic services provider to first pick 12 units of the product identified by GTIN 5412345111184 from the returnable pallet identified by the EAN.UCC SSCC 3541073800000001051 and to pack them on the pallet type ISO 1 and to label this pallet with the EAN.UCC SSCC 354123450000000106.

Next, 20 units of the product identified by GTIN 4000862141404 are to be picked from the returnable pallet identified by the EAN.UCC SSCC 35412345000000014 and packed on the ISO 1 pallet identified by the EAN.UCC SSCC 354123450000000106 on top of the first product loaded on this pallet.

Finally, 10 units of the product identified by GTIN 4000862141411 are to be taken from the returnable pallet identified by the EAN.UCC SSCC 354107380000001068 and put on a 1/8 Euro pallet. This pallet is to be labelled with the EAN.UCC SSCC 354123451234567892 and the original article number, 4000862141411, of the product.

<table>
<thead>
<tr>
<th>GTIN</th>
<th>Qty</th>
<th>From pallet type</th>
<th>From pallet SSCC</th>
<th>To pallet type</th>
<th>To pallet SSCC</th>
</tr>
</thead>
<tbody>
<tr>
<td>4000862141404</td>
<td>20</td>
<td>Return</td>
<td>35412345000000014</td>
<td>ISO 1</td>
<td>35412345000000106</td>
</tr>
<tr>
<td>5412345111184</td>
<td>12</td>
<td>Return</td>
<td>354107380000001051</td>
<td>ISO 1</td>
<td>35412345000000106</td>
</tr>
<tr>
<td>4000862141411</td>
<td>10</td>
<td>Return</td>
<td>354107380000001068</td>
<td>1/8 Euro</td>
<td>354123451234567892</td>
</tr>
</tbody>
</table>

UNH+1+HANMOV:D:01B: UN:EAN004’ Message header

BGM+90E::9+WH5155+9’ Cargo/goods handling and movement number WH5155
The Messages

6. Examples

DTM+137:20020114:102' Message date 14th of January 2002
HAN+UNP::9' Message requests un-packing service
HAN+PKS::9' and pick in sequence service
HAN+PAC::9' and packing service
HAN+LAB::9' and labelling service
NAD+SU+5422331123459::9' Supplier is identified by GLN 5422331123459
NAD+LSP+5432154111113::9' Logistic service provider is identified by GLN 5432154111113
LIN+1++5412345111184:SRV' First product to be picked is identified by GTIN 5412345111184
QTY+1:12' 12 units subject to the instruction
PAC+1++1E+09::9' Are to be un-packed from one returnable pallet
QTY+52:12' Quantity per pack is 12
PCI+33E' The pallet is marked with a Serial Shipping Container Code
GIN+Bj+354107380000001051' Serial Shipping Container Code 354107380000001051 is marked on package
PAC+1++3E+201::9' Are to be packed in one ISO 1 pallet
QTY+52:12' Quantity per pack is 12
PCI+33E' The pallet is marked with a Serial Shipping Container Code
GIN+Bj+35412345000000106' Serial Shipping Container Code is marked on package 35412345000000106
LIN+2++4000862141404:SRV' Second product to be picked is identified by GTIN 4000862141404
QTY+1:20' 20 units subject to the instruction
PAC+1++1E+09::9' Are to be un-packed from one returnable pallet
QTY+52:20' Quantity per pack is 20
PCI+33E' The pallet is marked with a Serial Shipping Container Code
GIN+Bj+35412345000000014' Serial Shipping Container Code 35412345000000014 is marked on package
PAC+1++3E+201::9' Are to be packed in one ISO 1 pallet
QTY+52:20' Quantity per pack is 20
PCI+30' The pallet is to be marked with a Serial Shipping Container Code
GIN+Bj+35412345000000106' Serial Shipping Container Code 35412345000000106 is to be marked on package
LIN+3++4000862141411:SRV' Third product to be picked is identified by GTIN 4000862141411
6. Examples

QTY+1:10’ 10 units subject to the instruction
PAC+1+::1E+09::9’ Are to be un-packed from one returnable pallet
QTY+52:10’ Quantity per pack is 10
PCI+33E’ The pallet is marked with a Serial Shipping Container Code
GIN+BJ+354107380000001068’ Serial Shipping Container Code 354107380000001068 is marked on package
PAC+1+::3E+204::9’ Are to be packed in one 1/8 Euro pallet
QTY+52:10’ Quantity per pack is 10
PCI+30’ The pallet is to be marked with a Serial Shipping Container Code
GIN+BJ+354123451234567892’ Serial Shipping Container Code 354123451234567892 is to be marked on package
PCI+32E’ The pallet is also to be marked with an EAN/UPC number
GIN+EU+4000862141411’ EAN/UPC number 4000862141411 is to be marked on package
UNT+42+1’ Total number of segments in the message equals 42

Note:
The EDI interchange will include the UNB..UNZ segments and, if applicable, the UNG..UNE segments. (See part 1 section 5.7).