

# **EANCOM<sup>®</sup> 2002 S4**

## **IFTMBF**

### **Firm booking message**

#### **Edition 2016**

|                                  |    |
|----------------------------------|----|
| 1. Introduction.....             | 2  |
| 2. Message Structure Chart ..... | 4  |
| 3. Branching Diagram.....        | 5  |
| 4. Segments Description .....    | 9  |
| 5. Segments Layout.....          | 13 |
| 6. Example(s) .....              | 62 |

## 1. Introduction

---

### Status

MESSAGE TYPE : IFTMBF  
REFERENCE DIRECTORY : D.01B  
EANCOM® SUBSET VERSION : 003

### Definition

A message from a party booking forwarding and/or transport services for a consignment to the party providing those services. The message will contain conditions under which the sender of the messages requires the services to take place.

### Principles

The message is a single consignment message which can be used by all modes of transport for the forwarding and transport of goods from any origin to any destination, regardless of route or prevailing commercial practice.

A firm booking message is a commitment from the consignor to the carrier or forwarder to avail of certain services and is used for planning or operational purposes by the carrier or forwarder.

A firm booking message can be answered by a booking confirmation message.

A firm booking message may also be used to cancel a previously sent firm booking message.

A firm booking message can be replaced by a new firm booking message. It contains all relevant reservation data related to a consignment and it may be followed by a Transport Instruction message to finalise the contract.

In addition to the main principles detailed above, a number of general principles also apply;

- A consignment may contain several goods items.
- A consignment is identified by a consignor's reference number (code CU) in the RFF segment.
- Goods items may or may not be containerised.
- Goods items may be transported in one or more containers, and a single container may contain one or more goods items.
- One goods item may be related to one or more customs tariff codes.
- Goods items related to one customs tariff code may be carried in one or more containers.
- Pre-carriage (advanced haulage) and/or on-carriage (destination haulage) of goods items or equipment within one booking or instruction may take place in different steps, each step specified with its own transport details group.
- Transport devices, which have the ability of powered movement on their own, are specified in the transport details group. Other load or transport devices are specified as equipment.
- Packaging for goods items can be expressed at up to three levels.
- A goods item consists of one or more despatch units that adhere to the same package type and goods description.
- A despatch unit is the unit of cargo that will be handled and to which an SSCC can be affixed.

A number of generic transport terms are used in this specification, to be described as:

### CONSIGNEE

the organisation (party) which has the intention to receive the goods.

## 1. Introduction

---

### **CONSIGNOR**

the party ordering transport, orders a carrier to collect goods for transportation.

### **CONSIGNMENT**

a collection of goods items to be transported from one or many despatch locations to one or many delivery locations. (synonym: shipment).

### **CARRIER**

the party contracted by the consignor or forwarder to transport goods.

### **DESPATCH LOCATION**

the physical location from which goods for transport are shipped.

### **DELIVERY LOCATION**

the physical location to which goods for transport are finally delivered.

### **EQUIPMENT**

material resources necessary to facilitate the transport and handling of cargo. Transport equipment does under the given circumstances not have the ability to move by its own propulsion (e.g. sea container, trailer, unit load device, pallet).

### **FORWARDER**

the party contracted by the consignor to arrange to have the goods transported.

### **GOODS ITEM**

a collection of products normally grouped together for transport purposes, e.g. 12 pallets of foodstuffs.

### **LINE ITEM**

a specific product identified and defined for trade purposes, e.g. a case of flour containing 24 packets of 250 grams.

### **MODE OF TRANSPORT**

the method of transport used for the conveyance of goods or persons, e.g. by rail, by road, by sea.

### **MEANS OF TRANSPORT**

the vehicle used for the transport of goods or persons, e.g. aircraft, truck, vessel.

### **PLACE OF ACCEPTANCE**

the place at which the responsibility of the carrier starts.

### **PLACE OF DELIVERY**

the place at which the responsibility of the carrier ends.

### **TYPE OF MEANS OF TRANSPORT**

the type of vehicle used in the transport process, e.g. wide body, tank truck, passenger vessel.

### **TYPE OF EQUIPMENT**

the type of material used, e.g. 40 feet container, four way pallet, mafi trailer.

## 2. Message Structure Chart

### Firm Booking Heading Section

|      |    |   |    |                                  |
|------|----|---|----|----------------------------------|
| UNH  | 1  | M | 1  | - Message header                 |
| BGM  | 2  | M | 1  | - Beginning of message           |
| DTM  | 3  | C | 9  | - Date/time/period               |
| TSR  | 4  | C | 9  | - Transport service requirements |
| FTX  | 5  | C | 99 | - Free text                      |
| CNT  | 6  | C | 9  | - Control total                  |
| SG2  |    | C | 2  | - TOD-LOC                        |
| TOD  | 7  | M | 1  | - Terms of delivery or transport |
| LOC  | 8  | C | 9  | - Place/location identification  |
| SG3  |    | C | 99 | - RFF-DTM                        |
| RFF  | 9  | M | 1  | - Reference                      |
| DTM  | 10 | C | 9  | - Date/time/period               |
| SG7  |    | C | 99 | - TDT-DTM-SG8                    |
| TDT  | 11 | M | 1  | - Details of transport           |
| DTM  | 12 | C | 9  | - Date/time/period               |
| SG8  |    | C | 99 | - LOC                            |
| LOC  | 13 | M | 1  | - Place/location identification  |
| SG10 |    | C | 99 | - NAD-LOC-SG11                   |
| NAD  | 14 | M | 1  | - Name and address               |
| LOC  | 15 | C | 9  | - Place/location identification  |
| SG11 |    | C | 9  | - CTA-COM                        |
| CTA  | 16 | M | 1  | - Contact information            |
| COM  | 17 | C | 9  | - Communication contact          |

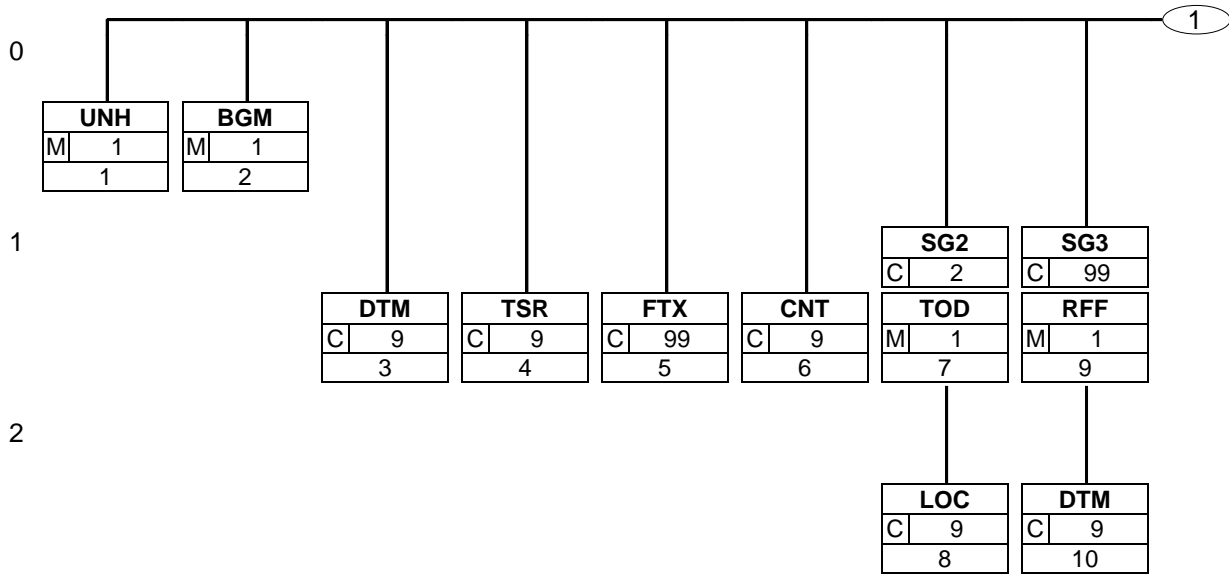
### Firm Booking Detail Section

|      |    |   |     |   |
|------|----|---|-----|---|
| SG16 |    | C | 999 | - GID-HAN-TMP-RNG-MOA-PIA-FTX-SG17-SG18-SG19-SG20-SG22- |
| GID  | 18 | M | 1   | - Goods item details                                    |
| HAN  | 19 | C | 1   | - Handling instructions                                 |
| TMP  | 20 | C | 1   | - Temperature   |
| RNG  | 21 | C | 1   | - Range details   |
| MOA  | 22 | C | 9   | - Monetary amount                                       |
| PIA  | 23 | C | 9   | - Additional product id                                 |
| FTX  | 24 | C | 9   | - Free text   |
| SG17 |    | C | 9   | - NAD-DTM   |
| NAD  | 25 | M | 1   | - Name and address                                      |
| DTM  | 26 | C | 1   | - Date/time/period                                      |
| SG18 |    | C | 99  | - MEA-EQN   |
| MEA  | 27 | M | 1   | - Measurements  |
| EQN  | 28 | C | 1   | - Number of units                                       |
| SG19 |    | C | 99  | - DIM-EQN   |
| DIM  | 29 | M | 1   | - Dimensions  |
| EQN  | 30 | C | 1   | - Number of units                                       |
| SG20 |    | C | 9   | - RFF   |
| RFF  | 31 | M | 1   | - Reference   |
| SG22 |    | C | 9   | - DOC   |
| DOC  | 32 | M | 1   | - Document/message details                              |
| SG27 |    | C | 99  | - DGS-FTX   |
| DGS  | 33 | M | 1   | - Dangerous goods                                       |
| FTX  | 34 | C | 99  | - Free text   |
| SG32 |    | C | 999 | - EQD-EQN-SG33  |
| EQD  | 35 | M | 1   | - Equipment details                                     |
| EQN  | 36 | C | 1   | - Number of units                                       |
| SG33 |    | C | 9   | - NAD   |
| NAD  | 37 | M | 1   | - Name and address                                      |

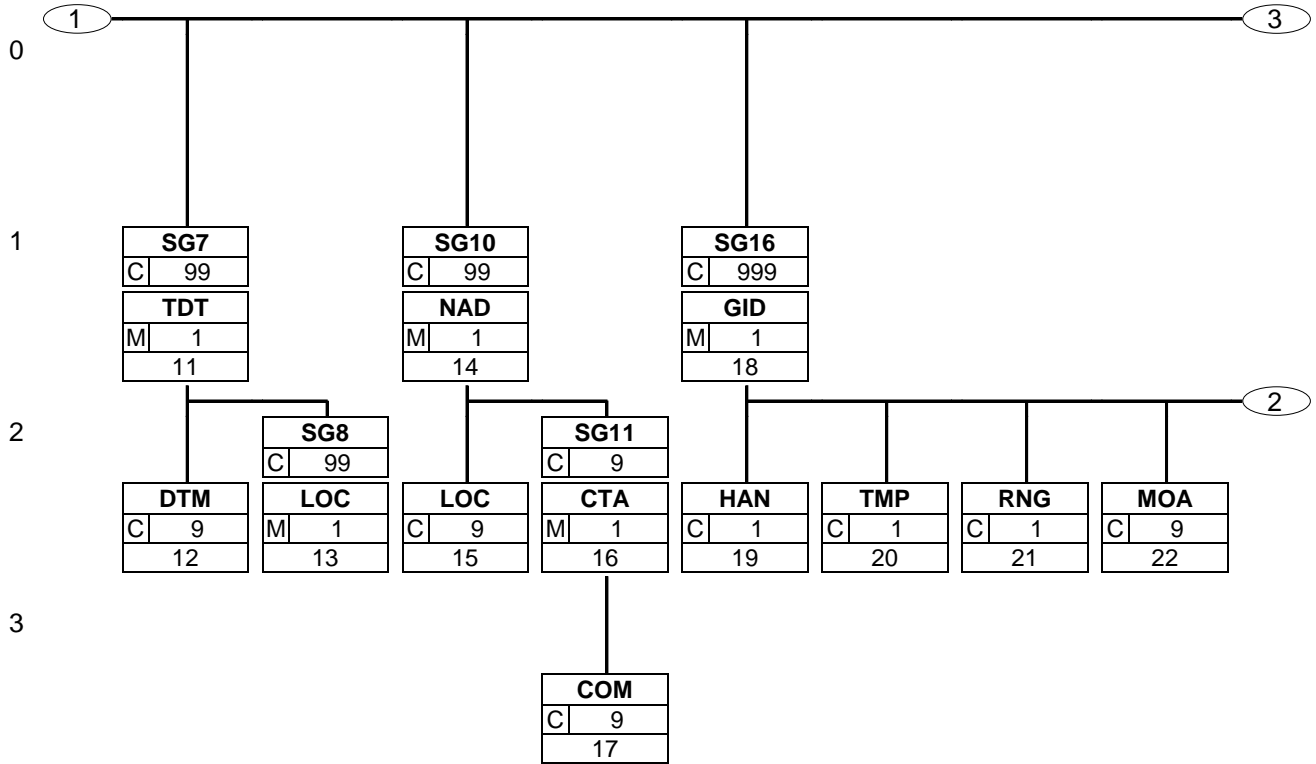
### Firm Booking Summary Section

|     |    |   |   |                   |
|-----|----|---|---|-------------------|
| UNT | 38 | M | 1 | - Message trailer |
|-----|----|---|---|-------------------|

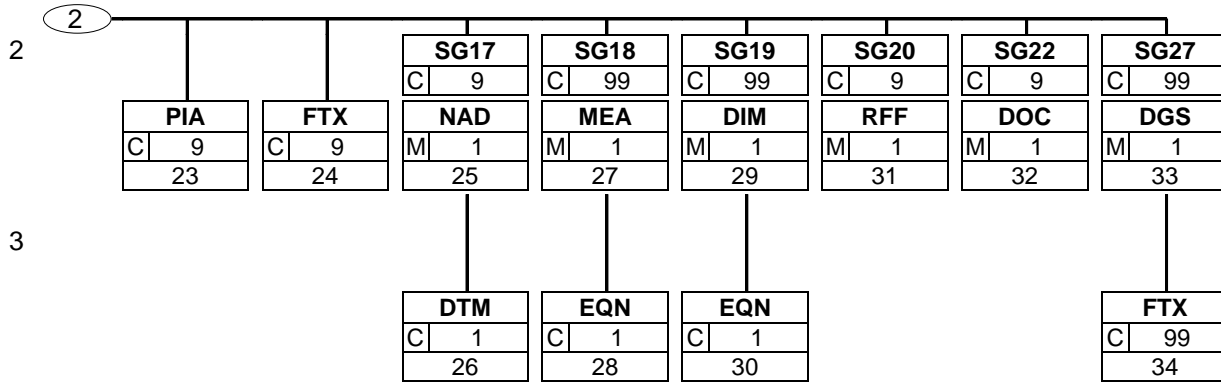
### 3. Branching Diagram



### 3. Branching Diagram

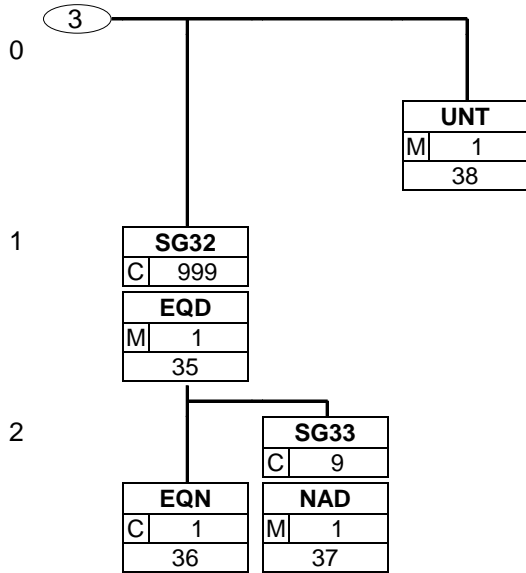


### 3. Branching Diagram



### 3. Branching Diagram

---





## 4. Segments Description

---

### Firm Booking Heading Section

|                    |  |
|--------------------|--|
| UNH - M 1          | - Message header<br>This segment is used to head, identify and specify a message.  |
| BGM - M 1          | - Beginning of message<br>This segment is used to indicate the type and function of a message and to transmit the identifying number.  |
| DTM - C 9          | - Date/time/period<br>This segment is used to specify any dates related to the firm booking message.   |
| TSR - C 9          | - Transport service requirements<br>This segment is used to indicate any special transport contracts, services or priorities required for the booking.   |
| FTX - C 99         | - Free text<br>This segment is used to provide free form or coded text information related to the entire message.  |
| CNT - C 9          | - Control total<br>This segment is used to provide application data for message control purposes.  |
| <b>SG2</b> - C 2   | - <b>TOD-LOC</b><br>A group of segments to specify terms of delivery and related locations.  |
| TOD - M 1          | - Terms of delivery or transport<br>This segment is used to specify the terms of delivery for the booking.   |
| LOC - C 9          | - Place/location identification<br>This segment is used to indicate the location at which the terms of delivery are applicable.  |
| <b>SG3</b> - C 99  | - <b>RFF-DTM</b><br>A group of segments containing a reference and constants which apply to the entire message.  |
| RFF - M 1          | - Reference<br>This segment is used to specify references relating to the booking.   |
| DTM - C 9          | - Date/time/period<br>This segment is used to specify any dates related to the previous RFF segment.   |
| <b>SG7</b> - C 99  | - <b>TDT-DTM-SG8</b><br>A group of segments to indicate details of the movement of goods such as mode and means of transport, locations, departure, and arrival date(s) and time(s).   |
| TDT - M 1          | - Details of transport<br>This segment is used to indicate the transport means, and where necessary, the carrier to be used for the consignment being booked. When used, it is mandatory to indicate the main carriage transport mode in this segment. |
| DTM - C 9          | - Date/time/period<br>This segment is used to specify any dates relating to the transport specified in the previous TDT segment.   |
| <b>SG8</b> - C 99  | - <b>LOC</b><br>A group of segments to specify a location related to this leg of transport.  |
| LOC - M 1          | - Place/location identification<br>This segment is used to identify any locations related to the previously specified transport details.   |
| <b>SG10</b> - C 99 | - <b>NAD-LOC-SG11</b><br>A group of segments to identify a party, related references and locations contacts.   |

## 4. Segments Description

---

|                   |  |
|-------------------|--|
| NAD - M 1         | - Name and address<br>This segment is used to identify the trading partners involved in the firm booking message. Identification of the consignor and the carrier or forwarder is mandatory in the firm booking message. |
| LOC - C 9         | - Place/location identification<br>This segment is used to identify any specific locations relevant to the parties identified in the NAD segment.  |
| <b>SG11 - C 9</b> | - <b>CTA-COM</b><br>A group of segments identifying a contact and its communications related to the party.   |
| CTA - M 1         | - Contact information<br>This segment is used to identify department and contact names within the company specified in the NAD segment.  |
| COM - C 9         | - Communication contact<br>This segment identifies the communications number and type of communications for the person or department identified in the preceding CTA segment.  |

### Firm Booking Detail Section

|                     |  |
|---------------------|--|
| <b>SG16 - C 999</b> | - <b>GID-HAN-TMP-RNG-MOA-PIA-FTX-SG17-SG18-SG19-SG20-SG22-SG27</b><br>A group of segments to describe the goods items for which transport is undertaken.   |
| GID - M 1           | - Goods item details<br>This segment is the trigger segment for the detail section of the firm booking message. It is used to specify the number and type of packaging for the goods item(s) for which space is being booked.  |
| HAN - C 1           | - Handling instructions<br>This segment is used to provide handling instructions relevant to the goods item identified in the GID segment.   |
| TMP - C 1           | - Temperature<br>This segment is used to specify temperature settings related to the current goods item.   |
| RNG - C 1           | - Range details<br>This segment is used to specify temperature ranges related to the goods item.   |
| MOA - C 9           | - Monetary amount<br>This segment is used to specify the value of the goods item for customs, insurance or other valuation purposes.   |
| PIA - C 9           | - Additional product id<br>This segment is used to specify identification codes relating to the goods item which is being booked.  |
| FTX - C 9           | - Free text<br>This segment is used to provide free form or coded text information related to the goods item.  |
| <b>SG17 - C 9</b>   | - <b>NAD-DTM</b><br>A group of segments to identify different places of collection and/or delivery for the goods item.   |
| NAD - M 1           | - Name and address<br>This segment is used to identify parties related to the despatch and delivery of the current goods item. Information provided here will override similar information provided at the heading level (group 10) when the same qualifier is used. |

## 4. Segments Description

---

|                     |                            |   |
|---------------------|----------------------------|---|
| DTM - C 1           | - Date/time/period         | This segment is used to specify dates and times relating to the despatch or delivery parties specified in the preceding NAD segment.  |
| <b>SG18</b> - C 99  | - <b>MEA-EQN</b>           | A group of segments to specify measurements applicable to a goods item.   |
| MEA - M 1           | - Measurements             | This segment is used to specify a measurement for the goods identified in the GID segment. All measurements given in the MEA segments relate to the highest level of packaging (the despatch units) identified in the GID segment.                                  |
| EQN - C 1           | - Number of units          | This segment is used to specify the number of packages (despatch units) within the goods item to which the measurement applies.   |
| <b>SG19</b> - C 99  | - <b>DIM-EQN</b>           | A group of segments to specify dimensions applicable to a goods item.   |
| DIM - M 1           | - Dimensions               | This segment is used to indicate the dimensions of the goods item identified in the GID segment. All dimensions given in the DIM segments relate to the highest level packaging (the despatch units) identified in the GID segment.                                 |
| EQN - C 1           | - Number of units          | This segment is used to specify the number of packages (despatch units) within the goods items to which the dimensions apply.   |
| <b>SG20</b> - C 9   | - <b>RFF</b>               | A group of segments to identify references to a goods item.   |
| RFF - M 1           | - Reference                | This segment is used to specify references which are applicable to the current goods item only. The references specified here will not accompany the consignment and will override any specified in segment group 03 in the header when the same qualifier is used. |
| <b>SG22</b> - C 9   | - <b>DOC</b>               | A group of segments to specify documents for a goods item.  |
| DOC - M 1           | - Document/message details | This segment is used to specify documents which are required for the current goods item only and which must accompany the goods during transport.   |
| <b>SG27</b> - C 99  | - <b>DGS-FTX</b>           | A group of segments to specify dangerous goods details related to the goods item. One goods item may be in different dangerous goods classes.   |
| DGS - M 1           | - Dangerous goods          | This segment is used to indicate whether the goods item being booked is dangerous.  |
| FTX - C 99          | - Free text                | This segment is used to specify any additional information required for the dangerous goods.  |
| <b>SG32</b> - C 999 | - <b>EQD-EQN-SG33</b>      | A group of segments to specify equipment in which goods are transported.  |
| EQD - M 1           | - Equipment details        | This segment is used to indicate the units of equipment which will be used to transport the goods items specified.  |

#### 4. Segments Description

---

- EQN - C 1 - Number of units  
This segment is used to specify the number of units of equipment required for the transport.
- SG33** - C 9 - **NAD**  
A group of segments to identify different equipment pick-up or drop-off places.
- NAD - M 1 - Name and address  
This segment is used to identify parties related to the equipment specified in the EQD segment.

#### Firm Booking 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.

## 5. Segments Layout

---

This section describes each segment used in the EANCOM® Firm booking 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:

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

- 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:

|              |   |   |
|--------------|---|---|
| - RESTRICTED | * | 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.   |
| - OPEN       |   | 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. |

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

| UNH - M 1 - Message header  |   |          |     |   |   |
|---|---|----------|-----|---|---|
| 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. |   |          |     |   |   |
|   |   | EDIFACT  | GS1 | * | Description   |
| 0062  | Message reference number                        | M an..14 | M   |   | Senders unique message reference. Sequence number of the messages in the interchange. DE 0062 in the UNT will be identical. Sender generated.                   |
| S009  | MESSAGE IDENTIFIER                              | M        | M   |   |   |
| 0065  | Message type                                    | M an..6  | M   | * | IFTMBF = Firm booking message   |
| 0052  | Message version number                          | M an..3  | M   | * | D = Draft version/UN/EDIFACT Directory  |
| 0054  | Message release number                          | M an..3  | M   | * | 01B = Release 2001 - B  |
| 0051  | Controlling agency, coded                       | M an..3  | M   | * | UN = UN/CEFACT  |
| 0057  | Association assigned code                       | C an..6  | R   | * | EAN003 = GS1 version control number (GS1 Permanent Code)<br>Indicates that the message is the EANCOM version 003 of the UNSM Firm Booking message.              |
| 0110  | Code list directory version number              | C an..6  | O   |   | 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. |
| 0113  | Message type sub-function identification        | C an..6  | N   |   |   |
| 0068  | Common access reference                         | C an..35 | N   |   |   |
| S010  | STATUS OF THE TRANSFER                          | C        | N   |   |   |
| 0070  | Sequence of transfers                           | M n..2   |     |   |   |
| 0073  | First and last transfer                         | C a1     |     |   |   |
| S016  | MESSAGE SUBSET IDENTIFICATION                   | C        | N   |   |   |
| 0115  | Message subset identification                   | M an..14 |     |   |   |
| 0116  | Message subset version number                   | C an..3  |     |   |   |
| 0118  | Message subset release number                   | C an..3  |     |   |   |
| 0051  | Controlling agency, coded                       | C an..3  |     |   |   |
| S017  | MESSAGE IMPLEMENTATION GUIDELINE IDENTIFICATION | C        | N   |   |   |
| 0121  | Message implementation guideline identification | M an..14 |     |   |   |
| 0122  | Message implementation guideline version number | C an..3  |     |   |   |
| 0124  | Message implementation                          | C an..3  |     |   |   |

## 5. Segments Layout

---

Segment number: 1

|                                     | EDIFACT  | GS1      | * | Description |
|-------------------------------------|----------|----------|---|-------------|
| guideline release number            |          |          |   |             |
| 0051 Controlling agency, coded      | C an..3  |          |   |             |
| <b>S018 SCENARIO IDENTIFICATION</b> | <b>C</b> | <b>N</b> |   |             |
| 0127 Scenario identification        | Man..14  |          |   |             |
| 0128 Scenario version number        | C an..3  |          |   |             |
| 0130 Scenario release number        | C an..3  |          |   |             |
| 0051 Controlling agency, coded      | C an..3  |          |   |             |

**Segment Notes:**

This segment is used to head, identify and specify a message.  
 DE's 0065, 0052, 0054, and 0051: Indicate that the message is a UNSM Firm Booking message based on the D.01B directory under the control of the United Nations.

**Example:**

UNH+ME000001+IFTMBF:D:01B:UN:EAN003'

## 5. Segments Layout

Segment number: 2

| BGM - M 1 - Beginning of message  |                                   |          |     |  |
|---|-----------------------------------|----------|-----|--|
| Function:<br>To indicate the type and function of a message and to transmit the identifying number. |                                   |          |     |  |
|   |                                   | EDIFACT  | GS1 | * Description  |
| C002  | DOCUMENT/MESSAGE NAME             | C        | R   |  |
| 1001  | Document name code                | C an..3  | R   | * 335 = <b>Booking request</b>   |
| 1131  | Code list identification code     | C an..17 | N   |  |
| 3055  | Code list responsible agency code | C an..3  | N   |  |
| 1000  | Document name                     | C an..35 | O   |  |
| C106  | DOCUMENT/MESSAGE IDENTIFICATION   | C        | R   |  |
| 1004  | Document identifier               | C an..35 | R   | Firm booking number assigned by the document sender.<br>For global unique identification of documents Global Document Type Identifier (GDTI) is available.   |
| 1056  | Version identifier                | C an..9  | N   |  |
| 1060  | Revision identifier               | C an..6  | N   |  |
| 1225  | Message function code             | C an..3  | R   | *<br>1 = <b>Cancellation</b><br>5 = <b>Replace</b><br>7 = <b>Duplicate</b><br>9 = <b>Original</b><br>31 = <b>Copy</b><br>42 = <b>Confirmation via specific means</b><br>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:<br>1 = Cancellation - Cancel the original booking (original booking reference specified in RFF SG3). When a firm booking is being cancelled all mandatory data (at message and detail levels) must be sent again for the message being cancelled which is identified using the RFF segment in group 3.<br>5 = Replace - Cancel the original booking and replace with this booking (original booking reference is specified in RFF SG3). When a firm booking is being replaced all data pertaining to the consignment must be sent again for the message being replaced which is identified using the RFF segment in group 3.<br>7 = Duplicate - A retransmission involving the same parties, on the specific request of the receiver.<br>9 = Original - Original transmission of the firm booking message.<br>31 = Copy - Copy of the booking for a third party for information purposes.<br>42 = Confirmation via specific means - A confirmation of a previous message sent by means other than EDI, e.g., Fax. |
| 4343  | Response type code                | C an..3  | N   |  |
| Segment Notes:  |                                   |          |     |  |



## 5. Segments Layout

---

Segment number: 2

This segment is used to indicate the type and function of a message and to transmit the identifying number.  
All references other than the document number DE 1004 are to be put in the RFF segment.

Example:

BGM+335+4015+9'

## 5. Segments Layout

Segment number: 3

| DTM - C 9 - Date/time/period   |  | EDIFACT  | GS1 | * | Description   |
|--|--|----------|-----|---|---|
| Function:<br>To specify date, and/or time, or period.  |  |          |     |   |   |
| C507   | DATE/TIME/PERIOD                               | M        | M   |   |   |
| 2005   | Date or time or period function code qualifier | Man..3   | M   | * | 2 = Delivery date/time, requested<br>10 = Shipment date/time, requested<br>137 = Document/message date/time<br>175 = Advise before date/time<br>199 = Positioning date/time of goods<br>200 = Pick-up/collection date/time of cargo<br>234 = Collection date/time, earliest<br>235 = Collection date/time, latest<br>50E = Empty equipment required date/time/period (GS1 Temporary Code) |
| 2380   | Date or time or period value                   | C an..35 | R   |   |   |
| 2379   | Date or time or period format code             | C an..3  | R   |   | 102 = CCYYMMDD<br>203 = CCYYMMDDHHMM<br>719 = CCYYMMDDHHMM-CCYYMMDDHHMM   |
| Segment Notes:<br>This segment is used to specify any dates related to the firm booking message.<br>DE 2005: Identification of the 'Document/message date/time' (code value 137) is mandatory in an EANCOM message.<br><br>Example:<br>DTM+137:20021201:102' |  |          |     |   |   |

## 5. Segments Layout

Segment number: 4

| TSR - C 9 - Transport service requirements   |                                      |          |     |   |
|--|--------------------------------------|----------|-----|---|
| Function:<br>To specify the contract and carriage conditions and service and priority requirements for the transport.  |                                      |          |     |   |
|  |                                      | EDIFACT  | GS1 | * Description   |
| C536   | CONTRACT AND CARRIAGE CONDITION      | C        | O   |   |
| 4065   | Contract and carriage condition code | Man..3   | M   | 2 = Special agreement for parcels transport<br>3 = Special agreement for full loading transport<br>4 = Combined transport<br>5 = FIATA combined transport bill of lading<br>11 = CMR carnet |
| 1131   | Code list identification code        | C an..17 | O   |   |
| 3055   | Code list responsible agency code    | C an..3  | D   |   |
| C233   | SERVICE                              | C        | O   |   |
| 7273   | Service requirement code             | Man..3   | M   | 1 = Carrier loads<br>4 = Shipper loads  |
| 1131   | Code list identification code        | C an..17 | O   |   |
| 3055   | Code list responsible agency code    | C an..3  | D   |   |
| 7273   | Service requirement code             | C an..3  | O   |   |
| 1131   | Code list identification code        | C an..17 | O   |   |
| 3055   | Code list responsible agency code    | C an..3  | D   |   |
| C537   | TRANSPORT PRIORITY                   | C        | O   |   |
| 4219   | Transport service priority code      | Man..3   | M   | 1 = Express<br>2 = High speed<br>3 = Normal speed   |
| 1131   | Code list identification code        | C an..17 | O   |   |
| 3055   | Code list responsible agency code    | C an..3  | D   |   |
| C703   | NATURE OF CARGO                      | C        | N   |   |
| 7085   | Cargo type classification code       | Man..3   |     |   |
| 1131   | Code list identification code        | C an..17 |     |   |
| 3055   | Code list responsible agency code    | C an..3  |     |   |
| Segment Notes:<br>This segment is used to indicate any special transport contracts, services or priorities required for the booking.<br><br>Example:<br>TSR+3+1' |                                      |          |     |   |

## 5. Segments Layout

Segment number: 5

| FTX - C 99 - Free text   |                                   |           |     |   |   |
|--|-----------------------------------|-----------|-----|---|---|
| Function:<br>To provide free form or coded text information.   |                                   |           |     |   |   |
|  |                                   | EDIFACT   | GS1 | * | Description   |
| 4451   | Text subject code qualifier       | M an..3   | M   |   | AAI = General information<br>AAW = Letter of credit information<br>BLR = Transport document remarks<br>RQR = Requested routes/routing instructions<br>RQT = Tariffs and route requested |
| 4453   | Free text function code           | C an..3   | O   |   | 1 = Text for subsequent use<br>3 = Text for immediate 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              | Man..17   | M   |   |   |
| 1131   | Code list identification code     | C an..17  | O   |   |   |
| 3055   | Code list responsible agency code | C an..3   | D   |   | 91 = Assigned by supplier or supplier's agent<br>92 = Assigned by buyer or buyer's agent  |
| C108   | TEXT LITERAL                      | C         | D   |   | This composite is only used if coded text can not be used.  |
| 4440   | Free text value                   | Man..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   |   |   |
| 4440   | Free text value                   | C an..512 | O   |   |   |
| 3453   | Language name code                | C an..3   | D   |   | ISO 639 two alpha code<br>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:   |                                   |           |     |   |   |
| <p>This segment is used to provide free form or coded text information related to the entire message. Use of this segment in free form is not recommended since it may inhibit automatic processing of the firm booking message. Coded references to standard texts is an available functionality which enables automatic processing and reduces transmission overheads. Standard texts should be mutually defined between trading partners and can be used to cover legal or other requirements.</p> <p>Example:<br/>FTX+RQR+++ROUTING THROUGH ROAD SERVICE POINT IN PARIS FOR QUALITY CHECK'</p> |                                   |           |     |   |   |

## 5. Segments Layout

Segment number: 6

| CNT - C 9 - Control total  |                                      |         |     |   |   |
|--|--------------------------------------|---------|-----|---|---|
| Function:<br>To provide control total.   |                                      |         |     |   |   |
|  |                                      | EDIFACT | GS1 | * | Description   |
| C270   | CONTROL                              | M       | M   |   |   |
| 6069   | Control total type code<br>qualifier | Man..3  | M   |   | <p>7 = Total gross weight<br/>           11 = Total number of packages<br/>           15 = Total consignment, cube<br/>           16 = Total number of equipment<br/>           57 = Total loading metres</p> <p>When using value '15' in this data element the total specified in data element 6066 is arrived at by adding the values specified in data element 6314 of the MEA segment at goods item level when the GMC (Gross measurement cube) code is used in data element 6313 in the same MEA segment.</p> <p>When using code value '11' the total specified in data element 6066 is arrived at by adding the values specified only in the first occurrence of C213, data element 7224, of the GID segment.</p> |
| 6066   | Control total value                  | Mn..18  | M   |   |   |
| 6411   | Measurement unit code                | C an..3 | O   |   |   |
| Segment Notes:   |                                      |         |     |   |   |
| This segment is used to provide application data for message control purposes. |                                      |         |     |   |   |
| Example:<br>CNT+11:450'  |                                      |         |     |   |   |

## 5. Segments Layout

Segment number: 7

| <b>SG2</b>   | - C  | 2 - TOD-LOC                        |     |   |   |
|--|--|------------------------------------|-----|---|---|
| <b>TOD</b>   | - M  | 1 - Terms of delivery or transport |     |   |   |
| Function:  |  |                                    |     |   |   |
| To specify terms of delivery or transport.                             |  |                                    |     |   |   |
|  |  | EDIFACT                            | GS1 | * | Description   |
| 4055   | Delivery or transport terms function code    | C an..3                            | R   |   | 6 = <a href="#">Delivery condition</a>  |
| 4215   | Transport charges payment method code        | C an..3                            | O   |   | CC = <a href="#">Collect</a><br>PP = <a href="#">Prepaid (by seller)</a>  |
| C100   | TERMS OF DELIVERY OR TRANSPORT               | C                                  | R   |   |   |
| 4053   | Delivery or transport terms description code | C an..3                            | R   |   | INCOTERMS (See EANCOM Codes Set)<br>If INCOTERMS are applicable, then DE 3055 has to contain code value "9" and DE 1131 must be used. |
| 1131   | Code list identification code                | C an..17                           | O   |   |   |
| 3055   | Code list responsible agency code            | C an..3                            | D   |   |   |
| 4052   | Delivery or transport terms description      | C an..70                           | O   |   |   |
| 4052   | Delivery or transport terms description      | C an..70                           | O   |   |   |
| Segment Notes:   |  |                                    |     |   |   |
| This segment is used to specify the terms of delivery for the booking. |  |                                    |     |   |   |
| Example:   |  |                                    |     |   |   |
| TOD+6++CFR:2E:9'   |  |                                    |     |   |   |

## 5. Segments Layout

Segment number: 8

| <b>SG2</b>   | - C                                 | 2 - TOD-LOC                       |          |             |   |
|--|-------------------------------------|-----------------------------------|----------|-------------|---|
| <b>LOC</b>   | - C                                 | 9 - Place/location identification |          |             |   |
| Function:  |                                     |                                   |          |             |   |
| To identify a place or a location and/or related locations.                                  |                                     |                                   |          |             |   |
|  | EDIFACT                             | GS1                               | *        | Description |   |
| 3227   | Location function code qualifier    | M an..3                           | <b>M</b> | *           | 1 = <b>Place of terms of delivery</b>   |
| C517   | LOCATION IDENTIFICATION             | C                                 | <b>A</b> |             |   |
| 3225   | Location name code                  | C an..25                          | <b>A</b> |             | The use of UN/LOCODES is the most appropriate means of identifying locations related to the terms of delivery.  |
| 1131   | Code list identification code       | C an..17                          | <b>O</b> |             |   |
| 3055   | Code list responsible agency code   | C an..3                           | <b>D</b> |             | 9 = <b>GS1</b><br>3 = <b>IATA (International Air Transport Association)</b><br>DE 3055 must be used if DE 3225 is used and does not contain an UN/LOCODE. |
| 3224   | Location name                       | C an..256                         | <b>O</b> |             |   |
| C519   | RELATED LOCATION ONE IDENTIFICATION | C                                 | <b>N</b> |             |   |
| 3223   | First related location name code    | C an..25                          |          |             |   |
| 1131   | Code list identification code       | C an..17                          |          |             |   |
| 3055   | Code list responsible agency code   | C an..3                           |          |             |   |
| 3222   | First related location name         | C an..70                          |          |             |   |
| C553   | RELATED LOCATION TWO IDENTIFICATION | C                                 | <b>N</b> |             |   |
| 3233   | Second related location name code   | C an..25                          |          |             |   |
| 1131   | Code list identification code       | C an..17                          |          |             |   |
| 3055   | Code list responsible agency code   | C an..3                           |          |             |   |
| 3232   | Second related location name        | C an..70                          |          |             |   |
| 5479   | Relation code                       | C an..3                           | <b>N</b> |             |   |
| Segment Notes:   |                                     |                                   |          |             |   |
| This segment is used to indicate the location at which the terms of delivery are applicable. |                                     |                                   |          |             |   |
| Example:<br>LOC+1+BE-BRU'  |                                     |                                   |          |             |   |

## 5. Segments Layout

Segment number: 9

| <b>SG3</b>   | - C                          | 99 - RFF-DTM  |     |   |   |
|--|------------------------------|---------------|-----|---|---|
| <b>RFF</b>   | - M                          | 1 - Reference |     |   |   |
| Function:<br>To specify a reference.   |                              |               |     |   |   |
|  |                              | EDIFACT       | GS1 | * | Description   |
| C506   | REFERENCE                    | M             | M   |   |   |
| 1153   | Reference code qualifier     | Man..3        | M   |   | BN = <a href="#">Booking reference number</a><br>CT = <a href="#">Contract number</a><br>CU = <a href="#">Consignor's reference number</a><br>PFB = <a href="#">Firm booking reference number (GS1 Temporary Code)</a><br>Code value 'PFB' is only used when codes values 1 (Cancellation) or 5 (Replacement) are used in data element 1225 of the BGM segment. The code value 'CU' is the common reference number for the consignment which is used in all transport messages (IFTMIN, IFTMAN, etc). |
| 1154   | Reference identifier         | C an..70      | R   |   |   |
| 1156   | Document line identifier     | C an..6       | N   |   |   |
| 4000   | Reference version identifier | C an..35      | N   |   |   |
| 1060   | Revision identifier          | C an..6       | N   |   |   |
| Segment Notes:<br>This segment is used to specify references relating to the booking.<br><br>Example:<br>RFF+CT:76214' |                              |               |     |   |   |



## 5. Segments Layout

Segment number: 10

| <b>SG3</b>   | - C  | 99 - RFF-DTM         |     |   |                                      |
|--|--|----------------------|-----|---|--------------------------------------|
| <b>DTM</b>   | - C  | 9 - Date/time/period |     |   |                                      |
| Function:  |  |                      |     |   |                                      |
| To specify date, and/or time, or period.                                       |  |                      |     |   |                                      |
|  |  | EDIFACT              | GS1 | * | Description                          |
| C507   | DATE/TIME/PERIOD                               | M                    | M   |   |                                      |
| 2005   | Date or time or period function code qualifier | Man..3               | M   | * | 171 = Reference date/time            |
| 2380   | Date or time or period value                   | C an..35             | R   |   |                                      |
| 2379   | Date or time or period format code             | C an..3              | R   |   | 102 = CCYYMMDD<br>203 = CCYYMMDDHHMM |
| Segment Notes:   |  |                      |     |   |                                      |
| This segment is used to specify any dates related to the previous RFF segment. |  |                      |     |   |                                      |
| Example:   |  |                      |     |   |                                      |
| DTM+171:20021125:102'  |  |                      |     |   |                                      |

## 5. Segments Layout

Segment number: 11

| <b>SG7</b>  | - C  | 99 - TDT-DTM-SG8         |          |   |   |
|---|--|--------------------------|----------|---|---|
| <b>TDT</b>  | - M  | 1 - Details of transport |          |   |   |
| Function:<br>To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport.<br>The segment may be pointed to by the TPL segment. |  |                          |          |   |   |
|   |  | EDIFACT                  | GS1      | * | Description   |
| 8051  | Transport stage code qualifier                 | M an..3                  | <b>M</b> |   | 10 = Pre-carriage transport<br>20 = Main-carriage transport<br>30 = On-carriage transport   |
| 8028  | Means of transport journey identifier          | C an..17                 | <b>O</b> |   | Reference number covering the transport   |
| C220  | MODE OF TRANSPORT                              | C                        | <b>A</b> |   |   |
| 8067  | Transport mode name code                       | C an..3                  | <b>R</b> |   | 10 =<br>20 =<br>30 =<br>40 =<br>60 =  |
| 8066  | Transport mode name                            | C an..17                 | <b>N</b> |   |   |
| C228  | TRANSPORT MEANS                                | C                        | <b>O</b> |   | Die Datenelemente 8179 und 8178 werden nur verwendet, wenn die Art der Transportmittel explizit angegeben werden muss, d.h. wenn eine allgemeine Angabe wie "Transport über die Straße" nicht geeignet ist. |
| 8179  | Transport means description code               | C an..8                  | <b>D</b> |   | 23 = Rail bulk car<br>31 = Truck  |
| 8178  | Transport means description                    | C an..17                 | <b>D</b> |   |   |
| C040  | CARRIER  | C                        | <b>O</b> |   |   |
| 3127  | Carrier identifier                             | C an..17                 | <b>A</b> |   | GLN - Format n13  |
| 1131  | Code list identification code                  | C an..17                 | <b>O</b> |   |   |
| 3055  | Code list responsible agency code              | C an..3                  | <b>D</b> |   | 9 = GS1   |
| 3128  | Carrier name                                   | C an..35                 | <b>O</b> |   |   |
| 8101  | Transit direction indicator code               | C an..3                  | <b>N</b> |   |   |
| C401  | EXCESS TRANSPORTATION INFORMATION              | C                        | <b>N</b> |   |   |
| 8457  | Excess transportation reason code              | M an..3                  |          |   |   |
| 8459  | Excess transportation responsibility code      | M an..3                  |          |   |   |
| 7130  | Customer shipment authorisation identifier     | C an..17                 |          |   |   |
| C222  | TRANSPORT IDENTIFICATION                       | C                        | <b>O</b> |   |   |
| 8213  | Transport means identification name identifier | C an..9                  | <b>O</b> |   |   |
| 1131  | Code list identification code                  | C an..17                 | <b>O</b> |   |   |
| 3055  | Code list responsible agency                   | C an..3                  | <b>D</b> |   | DE 3055 must be used if DE 8213 is used.  |

## 5. Segments Layout

Segment number: 11

|      |  | EDIFACT  | GS1      | * | Description                            |
|------|--|----------|----------|---|--|
| code |  |          |          |   |  |
| 8212 | Transport means identification name      | C an..35 | <b>R</b> |   | Vehicle license plate/Aircraft number. |
| 8453 | Transport means nationality code         | C an..3  | <b>O</b> |   | ISO 3166 two alpha code                |
| 8281 | Transport means ownership indicator code | C an..3  | <b>N</b> |   |  |

**Segment Notes:**

This segment is used to indicate the transport means, and where necessary, the carrier to be used for the consignment being booked. When used, it is mandatory to indicate the main carriage transport mode in this segment.

**Example:**

TDT+20++30+31'

**Dependency Notes:**

Data Elements 8179 and 8178 are only used when the type of means of transport must be specifically identified, that is, a generic description such as road transport is unsuitable.

## 5. Segments Layout

Segment number: 12

| <b>SG7</b>   | - C  | 99 - TDT-DTM-SG8     |   |   |
|--|--|----------------------|---|---|
| <b>DTM</b>   | - C  | 9 - Date/time/period |   |   |
| Function:  |  |                      |   |   |
| To specify date, and/or time, or period.   |  |                      |   |   |
|  | EDIFACT  | GS1                  | * | Description   |
| C507   | DATE/TIME/PERIOD                               | M                    | M |   |
| 2005   | Date or time or period function code qualifier | Man..3               | M | 133 = <a href="#">Departure date/time, estimated</a><br>190 = <a href="#">Transshipment date/time</a> |
| 2380   | Date or time or period value                   | C an..35             | R |   |
| 2379   | Date or time or period format code             | C an..3              | R | 102 = <a href="#">CCYYMMDD</a><br>203 = <a href="#">CCYYMMDDHHMM</a>                                  |
| Segment Notes:   |  |                      |   |   |
| This segment is used to specify any dates relating to the transport specified in the previous TDT segment. |  |                      |   |   |
| Example:   |  |                      |   |   |
| DTM+133:200212151000:203'  |  |                      |   |   |

## 5. Segments Layout

Segment number: 13

| <b>SG7</b>  | - C                                    | 99 - TDT-DTM-SG8                  |   |  |
|---|--|-----------------------------------|---|--|
| <b>SG8</b>  | - C                                    | 99 - LOC                          |   |  |
| <b>LOC</b>  | - M                                    | 1 - Place/location identification |   |  |
| Function:   |  |                                   |   |  |
| To identify a place or a location and/or related locations.   |  |                                   |   |  |
|   | EDIFACT                                | GS1                               | * | Description  |
| 3227  | Location function code<br>qualifier    | M an..3                           | M | 9 = Place/port of loading<br>11 = Place/port of discharge                                |
| C517  | LOCATION IDENTIFICATION                | C                                 | A |  |
| 3225  | Location name code                     | C an..25                          | A | GLN - Format n13   |
| 1131  | Code list identification code          | C an..17                          | O |  |
| 3055  | Code list responsible agency<br>code   | C an..3                           | D | 9 = GS1<br>DE 3055 must be used if DE 3225 is used and does<br>not contain an UN/LOCODE. |
| 3224  | Location name                          | C an..256                         | O |  |
| C519  | RELATED LOCATION ONE<br>IDENTIFICATION | C                                 | N |  |
| 3223  | First related location name<br>code    | C an..25                          |   |  |
| 1131  | Code list identification code          | C an..17                          |   |  |
| 3055  | Code list responsible agency<br>code   | C an..3                           |   |  |
| 3222  | First related location name            | C an..70                          |   |  |
| C553  | RELATED LOCATION TWO<br>IDENTIFICATION | C                                 | N |  |
| 3233  | Second related location name<br>code   | C an..25                          |   |  |
| 1131  | Code list identification code          | C an..17                          |   |  |
| 3055  | Code list responsible agency<br>code   | C an..3                           |   |  |
| 3232  | Second related location name           | C an..70                          |   |  |
| 5479  | Relation code                          | C an..3                           | N |  |
| Segment Notes:  |  |                                   |   |  |
| This segment is used to identify any locations related to the previously specified transport details. |  |                                   |   |  |
| Example:<br>LOC+9+5412345678908::9'   |  |                                   |   |  |

## 5. Segments Layout

Segment number: 14

| <b>SG10</b>  | - C   | 99 - NAD-LOC-SG11    |          |   |  |
|--|---|----------------------|----------|---|--|
| <b>NAD</b>   | - M   | 1 - Name and address |          |   |  |
| 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              | GS1      | * | Description  |
| 3035   | Party function code qualifier                   | M an..3              | <b>M</b> |   | CA = Carrier<br>CG = Carrier's agent<br>CN = Consignee<br>CZ = Consignor<br>DP = Delivery party<br>FW = Freight forwarder<br>PW = Despatch party |
| C082   | PARTY IDENTIFICATION DETAILS                    | C                    | <b>A</b> |   |  |
| 3039   | Party identifier                                | M an..35             | <b>M</b> |   | For identification of parties it is recommended to use GLN - Format n13.   |
| 1131   | Code list identification code                   | C an..17             | <b>N</b> |   |  |
| 3055   | Code list responsible agency code               | C an..3              | <b>R</b> | * | 9 = <b>GS1</b>   |
| C058   | NAME AND ADDRESS                                | C                    | <b>O</b> |   | This composite may only be used to fulfill the requirements of directive 2003/58/EC, article 4.  |
| 3124   | Name and address description                    | M an..35             | <b>M</b> |   |  |
| 3124   | Name and address description                    | C an..35             | <b>O</b> |   |  |
| 3124   | Name and address description                    | C an..35             | <b>O</b> |   |  |
| 3124   | Name and address description                    | C an..35             | <b>O</b> |   |  |
| 3124   | Name and address description                    | C an..35             | <b>O</b> |   |  |
| C080   | PARTY NAME                                      | C                    | <b>D</b> |   |  |
| 3036   | Party name                                      | M an..35             | <b>M</b> |   | Party Name in clear text.  |
| 3036   | Party name                                      | C an..35             | <b>O</b> |   |  |
| 3036   | Party name                                      | C an..35             | <b>O</b> |   |  |
| 3036   | Party name                                      | C an..35             | <b>O</b> |   |  |
| 3036   | Party name                                      | C an..35             | <b>O</b> |   |  |
| 3045   | Party name format code                          | C an..3              | <b>O</b> |   |  |
| C059   | STREET  | C                    | <b>D</b> |   |  |
| 3042   | Street and number or post office box identifier | M an..35             | <b>M</b> |   | Building Name/Number and Street  |
| 3042   | Street and number or post office box identifier | C an..35             | <b>O</b> |   | Name and/or P.O. Box   |
| 3042   | Street and number or post office box identifier | C an..35             | <b>O</b> |   |  |
| 3042   | Street and number or post office box identifier | C an..35             | <b>O</b> |   |  |
| 3164   | City name                                       | C an..35             | <b>D</b> |   | City/Town, clear text.   |
| C819   | COUNTRY SUB-ENTITY DETAILS                      | C                    | <b>D</b> |   |  |

## 5. Segments Layout

Segment number: 14

|  | EDIFACT  | GS1 | * | Description               |
|--|----------|-----|---|---------------------------|
| 3229 Country sub-entity name code      | C an..9  | O   |   |                           |
| 1131 Code list identification code     | C an..17 | O   |   |                           |
| 3055 Code list responsible agency code | C an..3  | O   |   |                           |
| 3228 Country sub-entity name           | C an..70 | O   |   | County/State, clear text. |
| 3251 Postal identification code        | C an..17 | D   |   | Postal Code               |
| 3207 Country name code                 | C an..3  | D   |   | ISO 3166 two alpha code   |

**Segment Notes:**

This segment is used to identify the trading partners involved in the firm booking message. Identification of the consignor and the carrier or forwarder is mandatory in the firm booking message.

**Example:**

NAD+CZ+5412345000020::9'  
 NAD+FW+5412345000013::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: 15

| <b>SG10</b>  | - C                                 | 99 - NAD-LOC-SG11                 |          |   |   |
|--|-------------------------------------|-----------------------------------|----------|---|---|
| <b>LOC</b>   | - C                                 | 9 - Place/location identification |          |   |   |
| Function:  |                                     |                                   |          |   |   |
| To identify a place or a location and/or related locations.  |                                     |                                   |          |   |   |
|  |                                     | EDIFACT                           | GS1      | * | Description   |
| 3227   | Location function code<br>qualifier | M an..3                           | <b>M</b> | * | 7 = <b>Place of delivery</b><br>10 = <b>Place of acceptance</b><br>The use of code values in this data element is linked to the codes selected in data element 3035 of the NAD segment. The general rules concerning the use of the code values in data element 3227 are as follows;<br>The code value '7' may only be used in conjunction with the DE 3035 codes 'CN', 'CZ' and 'DP'.<br>The code value '10' may only be used in conjunction with the DE 3035 codes 'PW' and 'CZ'. |
| C517   | LOCATION IDENTIFICATION             | C                                 | <b>A</b> |   |   |
| 3225   | Location name code                  | C an..25                          | <b>A</b> |   | GLN - Format n13  |
| 1131   | Code list identification code       | C an..17                          | <b>O</b> |   |   |
| 3055   | Code list responsible agency code   | C an..3                           | <b>D</b> |   | 9 = <b>GS1</b><br>DE 3055 must be used if DE 3225 is used and does not contain an UN/LOCODE.  |
| 3224   | Location name                       | C an..256                         | <b>O</b> |   |   |
| C519   | RELATED LOCATION ONE IDENTIFICATION | C                                 | <b>N</b> |   |   |
| 3223   | First related location name code    | C an..25                          |          |   |   |
| 1131   | Code list identification code       | C an..17                          |          |   |   |
| 3055   | Code list responsible agency code   | C an..3                           |          |   |   |
| 3222   | First related location name         | C an..70                          |          |   |   |
| C553   | RELATED LOCATION TWO IDENTIFICATION | C                                 | <b>N</b> |   |   |
| 3233   | Second related location name code   | C an..25                          |          |   |   |
| 1131   | Code list identification code       | C an..17                          |          |   |   |
| 3055   | Code list responsible agency code   | C an..3                           |          |   |   |
| 3232   | Second related location name        | C an..70                          |          |   |   |
| 5479   | Relation code                       | C an..3                           | <b>N</b> |   |   |
| Segment Notes:   |                                     |                                   |          |   |   |
| This segment is used to identify any specific locations relevant to the parties identified in the NAD segment. |                                     |                                   |          |   |   |
| Example:<br>LOC+7+5412345552908::9'  |                                     |                                   |          |   |   |



## 5. Segments Layout

Segment number: 16

| <b>SG10</b>  | - C                              | 99 - NAD-LOC-SG11       |          |  |
|--|----------------------------------|-------------------------|----------|--|
| <b>SG11</b>  | - C                              | 9 - CTA-COM             |          |  |
| <b>CTA</b>   | - M                              | 1 - Contact information |          |  |
| Function:  |                                  |                         |          |  |
| To identify a person or a department to whom communication should be directed.                                 |                                  |                         |          |  |
|  | EDIFACT                          | GS1                     | *        | Description                              |
| 3139   | Contact function code            | C an..3                 | <b>R</b> | IC = <a href="#">Information contact</a> |
| C056   | DEPARTMENT OR EMPLOYEE DETAILS   | C                       | <b>O</b> |  |
| 3413   | Department or employee name code | C an..17                | <b>O</b> |  |
| 3412   | Department or employee name      | C an..35                | <b>O</b> |  |
| Segment Notes:   |                                  |                         |          |  |
| This segment is used to identify department and contact names within the company specified in the NAD segment. |                                  |                         |          |  |
| Example:   |                                  |                         |          |  |
| CTA+IC+:R PAX'   |                                  |                         |          |  |

## 5. Segments Layout

Segment number: 17

| <b>SG10</b>  | - C                                  | 99 - NAD-LOC-SG11         |   |  |
|--|--------------------------------------|---------------------------|---|--|
| <b>SG11</b>  | - C                                  | 9 - CTA-COM               |   |  |
| <b>COM</b>   | - C                                  | 9 - Communication contact |   |  |
| Function:  |                                      |                           |   |  |
| To identify a communication number of a department or a person to whom communication should be directed.   |                                      |                           |   |  |
|  | EDIFACT                              | GS1                       | * | Description  |
| C076   | COMMUNICATION CONTACT                | M                         | M |  |
| 3148   | Communication address identifier     | Man..512                  | M |  |
| 3155   | Communication address code qualifier | Man..3                    | M | EI = EDI<br>EM = Electronic mail<br>TE = Telephone<br>XF = X.400<br>AO = Uniform Resource Location (URL) |
| Segment Notes:   |                                      |                           |   |  |
| This segment identifies the communications number and type of communications for the person or department identified in the preceding CTA segment. |                                      |                           |   |  |
| Example:<br>COM+0033148759632:FX'  |                                      |                           |   |  |

**5. Segments Layout**

Segment number: 18

| <b>SG16</b> - C 999 - GID-HAN-TMP-RNG-MOA-PIA-FTX-SG17-SG18-SG19-SG20-SG22-SG27 |                                    |          |     |   |  |
|---|------------------------------------|----------|-----|---|--|
| <b>GID</b> - M 1 - Goods item details   |                                    |          |     |   |  |
| Function:<br>To indicate totals of a goods item.                                |                                    |          |     |   |  |
|   |                                    | EDIFACT  | GS1 | * | Description  |
| 1496  | Goods item number                  | C n..5   | R   |   | Application number identifying items within the current consignment.   |
| C213  | NUMBER AND TYPE OF PACKAGES        | C        | R   |   |  |
| 7224  | Package quantity                   | C n..8   | R   |   |  |
| 7065  | Package type description code      | C an..17 | O   |   | 09 = Returnable pallet (GS1 Temporary Code)<br>201 = Pallet ISO 1 - 1/1 EURO Pallet (GS1 Temporary Code)<br>CT =<br>PK = |
| 1131  | Code list identification code      | C an..17 | N   |   |  |
| 3055  | Code list responsible agency code  | C an..3  | D   | * | 9 = <b>GS1</b>   |
| 7064  | Type of packages                   | C an..35 | N   |   |  |
| 7233  | Packaging related description code | C an..3  | N   |   |  |
| C213  | NUMBER AND TYPE OF PACKAGES        | C        | O   |   |  |
| 7224  | Package quantity                   | C n..8   | O   |   |  |
| 7065  | Package type description code      | C an..17 | O   |   | 09 = Returnable pallet (GS1 Temporary Code)<br>201 = Pallet ISO 1 - 1/1 EURO Pallet (GS1 Temporary Code)<br>CT =<br>PK = |
| 1131  | Code list identification code      | C an..17 | N   |   |  |
| 3055  | Code list responsible agency code  | C an..3  | D   | * | 9 = <b>GS1</b>   |
| 7064  | Type of packages                   | C an..35 | N   |   |  |
| 7233  | Packaging related description code | C an..3  | N   |   |  |
| C213  | NUMBER AND TYPE OF PACKAGES        | C        | O   |   |  |
| 7224  | Package quantity                   | C n..8   | O   |   |  |
| 7065  | Package type description code      | C an..17 | O   |   | 09 = Returnable pallet (GS1 Temporary Code)<br>201 = Pallet ISO 1 - 1/1 EURO Pallet (GS1 Temporary Code)<br>CT =<br>PK = |
| 1131  | Code list identification code      | C an..17 | N   |   |  |
| 3055  | Code list responsible agency code  | C an..3  | D   | * | 9 = <b>GS1</b>   |

## 5. Segments Layout

Segment number: 18

|   | EDIFACT  | GS1 | * | Description  |
|---|----------|-----|---|--|
| 7064 Type of packages                   | C an..35 | N   |   |  |
| 7233 Packaging related description code | C an..3  | N   |   |  |
| C213 NUMBER AND TYPE OF PACKAGES        | C        | O   |   |  |
| 7224 Package quantity                   | C n..8   | O   |   |  |
| 7065 Package type description code      | C an..17 | O   |   | 09 = Returnable pallet (GS1 Temporary Code)<br>201 = Pallet ISO 1 - 1/1 EURO Pallet (GS1 Temporary Code)<br>CT =<br>PK = |
| 1131 Code list identification code      | C an..17 | N   |   |  |
| 3055 Code list responsible agency code  | C an..3  | D   | * | 9 = GS1  |
| 7064 Type of packages                   | C an..35 | N   |   |  |
| 7233 Packaging related description code | C an..3  | N   |   |  |
| C213 NUMBER AND TYPE OF PACKAGES        | C        | O   |   |  |
| 7224 Package quantity                   | C n..8   | O   |   |  |
| 7065 Package type description code      | C an..17 | O   |   | 09 = Returnable pallet (GS1 Temporary Code)<br>201 = Pallet ISO 1 - 1/1 EURO Pallet (GS1 Temporary Code)<br>CT =<br>PK = |
| 1131 Code list identification code      | C an..17 | N   |   |  |
| 3055 Code list responsible agency code  | C an..3  | D   | * | 9 = GS1  |
| 7064 Type of packages                   | C an..35 | N   |   |  |
| 7233 Packaging related description code | C an..3  | N   |   |  |

### Segment Notes:

This segment is the trigger segment for the detail section of the firm booking message. It is used to specify the number and type of packaging for the goods item(s) for which space is being booked.  
Within the GID segment it is possible to identify up to 3 levels of packaging hierarchy for the transported goods item. Despatch units are identified in the first occurrence of C213.

### Example:

GID+1+1:09::9+6:CT'

(The top level is returnable pallet which contains a second level of 6 cartons.)

### Dependency Notes:

DE 3055: This data element is only used with the code value '9' if the code value in data element 7065 is an GS1 code.

## 5. Segments Layout

Segment number: 19

| <b>SG16</b>   | - C                                   | 999 - GID-HAN-TMP-RNG-MOA-PIA-FTX-SG17-SG18-SG19-SG20-SG22-SG27 |   |   |
|---|---------------------------------------|---|---|---|
| <b>HAN</b>  | - C                                   | 1 - Handling instructions                                       |   |   |
| Function:<br>To specify handling and where necessary, notify hazards.   |                                       |   |   |   |
|   | EDIFACT                               | GS1   | * | Description   |
| C524  | HANDLING INSTRUCTIONS                 | C   | A |   |
| 4079  | Handling instruction description code | C an..3   | R | <p>BIG = Outsized (GS1 Temporary Code)<br/>           CRU = Crushable (GS1 Temporary Code)<br/>           EAT = Foodstuffs (GS1 Temporary Code)<br/>           HWC = Handle with care (GS1 Temporary Code)<br/>           STR = Stacking restricted (GS1 Temporary Code)<br/>           UST = Unstackable (GS1 Temporary Code)<br/>           VAL = Valuable cargo (GS1 Temporary Code)</p> |
| 1131  | Code list identification code         | C an..17  | O |   |
| 3055  | Code list responsible agency code     | C an..3   | D | *<br>9 = <b>GS1</b><br>This data element is only used with the code value '9' if the Handling Instructions identified in data element 4079 is an GS1 code.  |
| 4078  | Handling instruction description      | C an..70  | O |   |
| C218  | HAZARDOUS MATERIAL                    | C   | O | The identification of hazardous materials is carried out using the DGS and FTX segments.  |
| 7419  | Hazardous material category name code | C an..7   | D | Used to provide the material class code of an organization.<br>The preferred way to provide 'ADR international classification' or 'Hazardous material standard text' is to use DE 1131.   |
| 1131  | Code list identification code         | C an..17  | O | <p>ADR = Accord Europeen au transport international dangereuses (GS1 Temporary Code)<br/>           HMT = Hazardous material standard text (GS1 Temporary Code)</p>   |
| 3055  | Code list responsible agency code     | C an..3   | D | 9 = <b>GS1</b>  |
| 7418  | Hazardous material category name      | C an..35  | O | To be used when no code value is available for DE7419.  |
| Segment Notes:<br>This segment is used to provide handling instructions relevant to the goods item identified in the GID segment.<br><br>Example:<br>HAN+EAT' |                                       |   |   |   |

## 5. Segments Layout

Segment number: 20

| <b>SG16</b>   | - C                                | 999 - GID-HAN-TMP-RNG-MOA-PIA-FTX-SG17-SG18-SG19-SG20-SG22-SG27 |          |             |   |
|---|------------------------------------|---|----------|-------------|---|
| <b>TMP</b>  | - C                                | 1 - Temperature   |          |             |   |
| Function:   |                                    |   |          |             |   |
| To specify the temperature setting.   |                                    |   |          |             |   |
|   | EDIFACT                            | GS1   | *        | Description |   |
| 6245  | Temperature type code<br>qualifier | M an..3   | <b>M</b> | *           | 2 = <b>Transport temperature</b>  |
| C239  | TEMPERATURE SETTING                | C   | <b>R</b> |             |   |
| 6246  | Temperature value                  | C n..15   | <b>R</b> |             |   |
| 6411  | Measurement unit code              | C an..3   | <b>O</b> |             | CEL = <a href="#">degree celsius</a><br>FAH = <a href="#">degree Fahrenheit</a><br>KEL = <a href="#">kelvin</a> |
| Segment Notes:  |                                    |   |          |             |   |
| This segment is used to specify temperature settings related to the current goods item. |                                    |   |          |             |   |
| Example:  |                                    |   |          |             |   |
| TMP+2+40:CEL'   |                                    |   |          |             |   |

## 5. Segments Layout

Segment number: 21

| <b>SG16</b>  | - C                       | 999 - GID-HAN-TMP-RNG-MOA-PIA-FTX-SG17-SG18-SG19-SG20-SG22-SG27 |          |             |  |
|--|---------------------------|---|----------|-------------|--|
| <b>RNG</b>   | - C                       | 1 - Range details   |          |             |  |
| Function:<br>To identify a range.  |                           |   |          |             |  |
|  | EDIFACT                   | GS1   | *        | Description |  |
| 6167   | Range type code qualifier | M an..3   | <b>M</b> | *           | 5 = <b>Temperature range</b>   |
| C280   | RANGE                     | C   | <b>R</b> |             |  |
| 6411   | Measurement unit code     | M an..3   | <b>M</b> |             | CEL = <b>degree celsius</b><br>FAH = <b>degree Fahrenheit</b><br>KEL = <b>kelvin</b> |
| 6162   | Range minimum value       | C n..18   | <b>R</b> |             |  |
| 6152   | Range maximum value       | C n..18   | <b>O</b> |             |  |
| Segment Notes:<br>This segment is used to specify temperature ranges related to the goods item.<br><br>Example:<br>RNG+5+CEL:4:10' |                           |   |          |             |  |

## 5. Segments Layout

Segment number: 22

| <b>SG16</b>  | - C                                    | 999 - GID-HAN-TMP-RNG-MOA-PIA-FTX-SG17-SG18-SG19-SG20-SG22-SG27 |   |   |
|--|--|---|---|---|
| <b>MOA</b>   | - C                                    | 9 - Monetary amount   |   |   |
| Function:<br>To specify a monetary amount.   |  |   |   |   |
|  | EDIFACT                                | GS1   | * | Description   |
| C516   | MONETARY AMOUNT                        | M   | M |   |
| 5025   | Monetary amount type code<br>qualifier | Man..3  | M | 40 = <a href="#">Customs value</a><br>44 = <a href="#">Declared value for carriage</a><br>157 = <a href="#">Insurance value</a> |
| 5004   | Monetary amount                        | C n..35   | R |   |
| 6345   | Currency identification code           | C an..3   | O | ISO 4217 three alpha  |
| 6343   | Currency type code qualifier           | C an..3   | N |   |
| 4405   | Status description code                | C an..3   | N |   |
| Segment Notes:<br>This segment is used to specify the value of the goods item for customs, insurance or other valuation purposes.<br><br>Example:<br>MOA+40:45300:EUR' |  |   |   |   |



## 5. Segments Layout

Segment number: 23

| <b>SG16</b>  | - C                                  | 999 - GID-HAN-TMP-RNG-MOA-PIA-FTX-SG17-SG18-SG19-SG20-SG22-SG27 |          |             |   |
|--|--------------------------------------|---|----------|-------------|---|
| <b>PIA</b>   | - C                                  | 9 - Additional product id                                       |          |             |   |
| Function:  |                                      |   |          |             |   |
| To specify additional or substitutional item identification codes. |                                      |   |          |             |   |
|  | EDIFACT                              | GS1   | *        | Description |   |
| 4347   | Product identifier code<br>qualifier | M an..3   | <b>M</b> | *           | 1 = <b>Additional identification</b><br>5 = <b>Product identification</b><br>Product Id function, coded has the following restricted<br>coded functions:<br>1 = Additional Identification - To provide additional<br>identifications for the goods item specified in the GID<br>segment, e.g. harmonised system codes.<br>5 = Product Identification - To provide the GTIN of the<br>products contained in the current goods item identified<br>in the GID segment. |
| C212   | ITEM NUMBER<br>IDENTIFICATION        | M   | <b>M</b> |             |   |
| 7140   | Item identifier                      | C an..35  | <b>R</b> |             |   |
| 7143   | Item type identification code        | C an..3   | <b>R</b> |             | HS = <b>Harmonised system</b><br>SRV = <b>GS1 Global Trade Item Number</b>  |
| 1131   | Code list identification code        | C an..17  | <b>O</b> |             |   |
| 3055   | Code list responsible agency<br>code | C an..3   | <b>D</b> |             | 9 = <b>GS1</b>  |
| C212   | ITEM NUMBER<br>IDENTIFICATION        | C   | <b>O</b> |             |   |
| 7140   | Item identifier                      | C an..35  | <b>R</b> |             |   |
| 7143   | Item type identification code        | C an..3   | <b>R</b> |             |   |
| 1131   | Code list identification code        | C an..17  | <b>O</b> |             |   |
| 3055   | Code list responsible agency<br>code | C an..3   | <b>D</b> |             |   |
| C212   | ITEM NUMBER<br>IDENTIFICATION        | C   | <b>O</b> |             |   |
| 7140   | Item identifier                      | C an..35  | <b>R</b> |             |   |
| 7143   | Item type identification code        | C an..3   | <b>R</b> |             |   |
| 1131   | Code list identification code        | C an..17  | <b>O</b> |             |   |
| 3055   | Code list responsible agency<br>code | C an..3   | <b>D</b> |             |   |
| C212   | ITEM NUMBER<br>IDENTIFICATION        | C   | <b>O</b> |             |   |
| 7140   | Item identifier                      | C an..35  | <b>R</b> |             |   |
| 7143   | Item type identification code        | C an..3   | <b>R</b> |             |   |
| 1131   | Code list identification code        | C an..17  | <b>O</b> |             |   |
| 3055   | Code list responsible agency<br>code | C an..3   | <b>D</b> |             |   |
| C212   | ITEM NUMBER<br>IDENTIFICATION        | C   | <b>O</b> |             |   |
| 7140   | Item identifier                      | C an..35  | <b>R</b> |             |   |

## 5. Segments Layout

---

Segment number: 23

|  | EDIFACT  | GS1      | * | Description |
|--|----------|----------|---|-------------|
| 7143 Item type identification code     | C an..3  | <b>R</b> |   |             |
| 1131 Code list identification code     | C an..17 | <b>O</b> |   |             |
| 3055 Code list responsible agency code | C an..3  | <b>D</b> |   |             |

**Segment Notes:**

This segment is used to specify identification codes relating to the goods item which is being booked.

**Example:**

PIA+5+5410738251028:SRV'

## 5. Segments Layout

Segment number: 24

| <b>SG16</b>   | - C                               | 999 - GID-HAN-TMP-RNG-MOA-PIA-FTX-SG17-SG18-SG19-SG20-SG22-SG27 |          |   |
|---|-----------------------------------|---|----------|---|
| <b>FTX</b>  | - C                               | 9 - Free text   |          |   |
| Function:<br>To provide free form or coded text information.  |                                   |   |          |   |
|   | EDIFACT                           | GS1   | *        | Description   |
| 4451  | Text subject code qualifier       | M an..3   | <b>M</b> | AAA = Goods description<br>SIN = Special instructions   |
| 4453  | Free text function code           | C an..3   | <b>O</b> | 1 = Text for subsequent use<br>3 = Text for immediate use   |
| C107  | TEXT REFERENCE                    | C   | <b>D</b> | This composite is only used when trading partners have agreed to use mutually defined code values.                        |
| 4441  | Free text value code              | Man..17   | <b>M</b> |   |
| 1131  | Code list identification code     | C an..17  | <b>O</b> |   |
| 3055  | Code list responsible agency code | C an..3   | <b>D</b> | 9 = GS1<br>87 = Assigned by carrier   |
| C108  | TEXT LITERAL                      | C   | <b>D</b> | This composite is only used if coded text can not be used.  |
| 4440  | Free text value                   | Man..512  | <b>M</b> |   |
| 4440  | Free text value                   | C an..512   | <b>O</b> |   |
| 4440  | Free text value                   | C an..512   | <b>O</b> |   |
| 4440  | Free text value                   | C an..512   | <b>O</b> |   |
| 4440  | Free text value                   | C an..512   | <b>O</b> |   |
| 3453  | Language name code                | C an..3   | <b>D</b> | ISO 639 two alpha code<br>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   | <b>N</b> |   |
| Segment Notes:  |                                   |   |          |   |
| <p>This segment is used to provide free form or coded text information related to the goods item.<br/>Use of this segment in free form is not recommended since it may inhibit automatic processing of the firm booking message. Coded references to standard texts is an available functionality which enables automatic processing and reduces transmission overheads. Standard texts should be mutually defined between trading partners and can be used to cover legal or other requirements.<br/>Any descriptive information related to the goods item must be specified in this segment using the qualifier AAA (Goods description) in data element 4451.</p> <p>Example:<br/>FTX+AAA+1++HOSPITAL SUPPLIES'<br/>(Free form goods description of the goods item as hospital supplies.)</p> |                                   |   |          |   |

## 5. Segments Layout

Segment number: 25

| <b>SG16</b>  | - C   | 999 - GID-HAN-TMP-RNG-MOA-PIA-FTX-SG17-SG18-SG19-SG20-SG22-SG27 |   |             |   |
|--|---|---|---|-------------|---|
| <b>SG17</b>  | - C   | 9 - NAD-DTM   |   |             |   |
| <b>NAD</b>   | - M   | 1 - Name and address  |   |             |   |
| 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   | GS1   | * | Description |   |
| 3035   | Party function code qualifier                   | M an..3   | M | *           | DP = <b>Delivery party</b><br>PW = <b>Despatch party</b>  |
| C082   | PARTY IDENTIFICATION DETAILS                    | C   | A |             |   |
| 3039   | Party identifier                                | Man..35   | M |             | For identification of parties it is recommended to use GLN - Format n13.                        |
| 1131   | Code list identification code                   | C an..17  | N |             |   |
| 3055   | Code list responsible agency code               | C an..3   | R | *           | 9 = <b>GS1</b>  |
| C058   | NAME AND ADDRESS                                | C   | O |             | This composite may only be used to fulfill the requirements of directive 2003/58/EC, article 4. |
| 3124   | Name and address description                    | Man..35   | M |             |   |
| 3124   | Name and address description                    | C an..35  | O |             |   |
| 3124   | Name and address description                    | C an..35  | O |             |   |
| 3124   | Name and address description                    | C an..35  | O |             |   |
| 3124   | Name and address description                    | C an..35  | O |             |   |
| C080   | PARTY NAME                                      | C   | D |             | Party Name in clear text.   |
| 3036   | Party name                                      | Man..35   | M |             |   |
| 3036   | Party name                                      | C an..35  | O |             |   |
| 3036   | Party name                                      | C an..35  | O |             |   |
| 3036   | Party name                                      | C an..35  | O |             |   |
| 3036   | Party name                                      | C an..35  | O |             |   |
| 3045   | Party name format code                          | C an..3   | O |             |   |
| C059   | STREET  | C   | D |             |   |
| 3042   | Street and number or post office box identifier | Man..35   | M |             | Building Name/Number and Street   |
| 3042   | Street and number or post office box identifier | C an..35  | O |             | Name and/or P.O. Box  |
| 3042   | Street and number or post office box identifier | C an..35  | O |             |   |
| 3042   | Street and number or post office box identifier | C an..35  | O |             |   |
| 3164   | City name                                       | C an..35  | D |             | City/Town, clear text.  |
| C819   | COUNTRY SUB-ENTITY DETAILS                      | C   | D |             |   |
| 3229   | Country sub-entity name code                    | C an..9   | O |             |   |
| 1131   | Code list identification code                   | C an..17  | O |             |   |
| 3055   | Code list responsible agency                    | C an..3   | O |             |   |

## 5. Segments Layout

Segment number: 25

|                                 | EDIFACT  | GS1      | * | Description               |
|---------------------------------|----------|----------|---|---------------------------|
| code                            |          |          |   |                           |
| 3228 Country sub-entity name    | C an..70 | <b>O</b> |   | County/State, clear text. |
| 3251 Postal identification code | C an..17 | <b>D</b> |   | Postal Code               |
| 3207 Country name code          | C an..3  | <b>D</b> |   | ISO 3166 two alpha code   |

**Segment Notes:**

This segment is used to identify parties related to the despatch and delivery of the current goods item. Information provided here will override similar information provided at the heading level (group 10) when the same qualifier is used.  
 Only two repetitions of this segment are allowed per booking goods item.

**Example:**

NAD+PW+5411234512300::9'  
 NAD+DP+5412345123450::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: 26

| <b>SG16</b>   | - C  | 999 - GID-HAN-TMP-RNG-MOA-PIA-FTX-SG17-SG18-SG19-SG20-SG22-SG27 |     |   |  |
|---|--|---|-----|---|--|
| <b>SG17</b>   | - C  | 9 - NAD-DTM   |     |   |  |
| <b>DTM</b>  | - C  | 1 - Date/time/period  |     |   |  |
| Function:<br>To specify date, and/or time, or period.   |  |   |     |   |  |
|   |  | EDIFACT   | GS1 | * | Description  |
| C507  | DATE/TIME/PERIOD                               | M   | M   |   |  |
| 2005  | Date or time or period function code qualifier | M an..3   | M   | * | 2 = Delivery date/time, requested<br>10 = Shipment date/time, requested<br>63 = Delivery date/time, latest<br>64 = Delivery date/time, earliest<br>191 = Delivery date/time, expected<br>200 = Pick-up/collection date/time of cargo |
| 2380  | Date or time or period value                   | C an..35  | R   |   |  |
| 2379  | Date or time or period format code             | C an..3   | R   |   | 102 = CCYYMMDD<br>203 = CCYYMMDDHHMM   |
| Segment Notes:<br>This segment is used to specify dates and times relating to the despatch or delivery parties specified in the preceding NAD segment.<br><br>Example:<br>DTM+191:20021220:102' |  |   |     |   |  |

## 5. Segments Layout

Segment number: 27

| <b>SG16</b>   | - C                                   | 999 - GID-HAN-TMP-RNG-MOA-PIA-FTX-SG17-SG18-SG19-SG20-SG22-SG27 |             |  |
|---|---------------------------------------|---|-------------|--|
| <b>SG18</b>   | - C                                   | 99 - MEA-EQN  |             |  |
| <b>MEA</b>  | - M                                   | 1 - Measurements  |             |  |
| Function:   |                                       |   |             |  |
| To specify physical measurements, including dimension tolerances, weights and counts. |                                       |   |             |  |
|   | EDIFACT                               | GS1 *   | Description |  |
| 6311  | Measurement purpose code<br>qualifier | M an..3   | <b>M</b>    | AAE = Measurement<br>LMT = Loading metre   |
| C502  | MEASUREMENT DETAILS                   | C   | <b>A</b>    |  |
| 6313  | Measured attribute code               | C an..3   | <b>A</b>    | AAB = Unit gross weight<br>AAW = Gross volume<br>G = Gross weight<br>AFF = Gross measure cube<br>LN = Length dimension<br>NPP = Number of pallet places (GS1<br>Temporary Code)<br>PMC = Package net measurement cube (GS1<br>Temporary Code)<br>T = Tare weight<br><br>This qualifier determines the measurement value to be applied either to one single despatch unit of the goods item or to a number of despatch units of the goods item.<br>When Unit Gross Weight is provided in this segment the measurement provided relates to the total gross weight of one single despatch unit in the goods item. The number of despatch units of the goods item that all have the same quoted gross weight is specified in the EQN segment when different from the number of despatch units specified in the GID segment.<br>When Gross Weight is provided the measurement relates to the total gross weight of a number of despatch units in the goods item. The number of despatch units of the goods item that together have the quoted gross weight is specified in the EQN segment when different from the number of despatch units specified in the GID segment. |
| 6321  | Measurement significance code         | C an..3   | <b>O</b>    | 3 = Approximately<br>4 = Equal to  |
| 6155  | Non-discrete measurement name code    | C an..17  | <b>N</b>    |  |
| 6154  | Non-discrete measurement name         | C an..70  | <b>O</b>    |  |
| C174  | VALUE/RANGE                           | C   | <b>R</b>    |  |
| 6411  | Measurement unit code                 | M an..3   | <b>M</b>    | KGM = kilogram<br>LTR = litre<br>MTQ = cubic metre<br>MTR = metre<br>TNE = tonne (metric ton)<br>H87 = Piece   |
| 6314  | Measurement value                     | C an..18  | <b>O</b>    |  |
| 6162  | Range minimum value                   | C n..18   | <b>O</b>    |  |

## 5. Segments Layout

---

Segment number: 27

|                                  | EDIFACT | GS1 | * | Description |
|----------------------------------|---------|-----|---|-------------|
| 6152 Range maximum value         | C n..18 | O   |   |             |
| 6432 Significant digits quantity | C n..2  | O   |   |             |
| 7383 Surface or layer code       | C an..3 | N   |   |             |

**Segment Notes:**

This segment is used to specify a measurement for the goods identified in the GID segment. All measurements given in the MEA segments relate to the highest level of packaging (the despatch units) identified in the GID segment.

**Example:**

MEA+AAE+G+KGM:1600'



## 5. Segments Layout

Segment number: 28

| <b>SG16</b>   | - C                      | 999 - GID-HAN-TMP-RNG-MOA-PIA-FTX-SG17-SG18-SG19-SG20-SG22-SG27 |   |             |
|---|--------------------------|---|---|-------------|
| <b>SG18</b>   | - C                      | 99 - MEA-EQN  |   |             |
| <b>EQN</b>  | - C                      | 1 - Number of units   |   |             |
| Function:   |                          |   |   |             |
| To specify the number of units.   |                          |   |   |             |
|   | EDIFACT                  | GS1   | * | Description |
| C523  | NUMBER OF UNIT DETAILS   | M   | M |             |
| 6350  | Units quantity           | C n..15   | R |             |
| 6353  | Unit type code qualifier | C an..3   | N |             |
| Segment Notes:  |                          |   |   |             |
| This segment is used to specify the number of packages (despatch units) within the goods item to which the measurement applies. |                          |   |   |             |
| Example:  |                          |   |   |             |
| EQN+10'   |                          |   |   |             |

## 5. Segments Layout

Segment number: 29

| <b>SG16</b>  | - C                           | 999 - GID-HAN-TMP-RNG-MOA-PIA-FTX-SG17-SG18-SG19-SG20-SG22-SG27 |          |             |  |
|--|-------------------------------|---|----------|-------------|--|
| <b>SG19</b>  | - C                           | 99 - DIM-EQN  |          |             |  |
| <b>DIM</b>   | - M                           | 1 - Dimensions  |          |             |  |
| Function:<br>To specify dimensions.  |                               |   |          |             |  |
|  | EDIFACT                       | GS1   | *        | Description |  |
| 6145   | Dimension type code qualifier | M an..3   | <b>M</b> | *           | <p>1 = <b>Gross dimensions</b><br/>10E = <b>Unit gross dimensions (GS1 Temporary Code)</b></p> <p>This qualifier determines the dimension values to be applied either to one single despatch unit of the goods item or to a number of despatch units of the goods item.</p> <p>When Unit Gross Dimensions are provided in this segment the dimension values provided relate to the total gross dimensions of one single despatch unit in the goods item. The number of despatch units of the goods item that all have the same quoted gross dimensions is specified in the EQN segment when different from the number of despatch units specified in the GID segment.</p> <p>When Gross Dimensions are provided the dimension values relate to the total gross weight of a number of despatch units in the goods item. The number of despatch units of the goods item that together have the quoted gross dimension is specified in the EQN segment when different from the number of despatch units specified in the GID segment.</p> |
| C211   | DIMENSIONS                    | M   | <b>M</b> |             |  |
| 6411   | Measurement unit code         | M an..3   | <b>M</b> |             | MTR = <a href="#">metre</a>  |
| 6168   | Length dimension value        | C n..15   | <b>O</b> |             |  |
| 6140   | Width dimension value         | C n..15   | <b>O</b> |             |  |
| 6008   | Height dimension value        | C n..15   | <b>O</b> |             |  |
| Segment Notes:   |                               |   |          |             |  |
| <p>This segment is used to indicate the dimensions of the goods item identified in the GID segment. All dimensions given in the DIM segments relate to the highest level packaging (the despatch units) identified in the GID segment.</p> |                               |   |          |             |  |
| <p>Example:<br/>DIM+1+MTR:4:2:2'</p>   |                               |   |          |             |  |

## 5. Segments Layout

Segment number: 30

| <b>SG16</b>   | - C                      | 999 - GID-HAN-TMP-RNG-MOA-PIA-FTX-SG17-SG18-SG19-SG20-SG22-SG27 |   |  |
|---|--------------------------|---|---|--|
| <b>SG19</b>   | - C                      | 99 - DIM-EQN  |   |  |
| <b>EQN</b>  | - C                      | 1 - Number of units   |   |  |
| Function:   |                          |   |   |  |
| To specify the number of units.   |                          |   |   |  |
|   | EDIFACT                  | GS1   | * | Description  |
| C523  | NUMBER OF UNIT DETAILS   | M   | M |  |
| 6350  | Units quantity           | C n..15   | R | The value expressed in this data element must be the sum of all the values of DE 7224 in the first occurrence of C213 in the GID segment throughout the message. |
| 6353  | Unit type code qualifier | C an..3   | N |  |
| Segment Notes:  |                          |   |   |  |
| This segment is used to specify the number of packages (despatch units) within the goods items to which the dimensions apply. |                          |   |   |  |
| Example:  |                          |   |   |  |
| EQN+40'   |                          |   |   |  |

## 5. Segments Layout

Segment number: 31

| <b>SG16</b>   | - C                          | 999 - GID-HAN-TMP-RNG-MOA-PIA-FTX-SG17-SG18-SG19-SG20-SG22-SG27 |     |   |   |
|---|------------------------------|---|-----|---|---|
| <b>SG20</b>   | - C                          | 9 - RFF   |     |   |   |
| <b>RFF</b>  | - M                          | 1 - Reference   |     |   |   |
| Function:   |                              |   |     |   |   |
| To specify a reference.   |                              |   |     |   |   |
|   |                              | EDIFACT   | GS1 | * | Description   |
| C506  | REFERENCE                    | M   | M   |   |   |
| 1153  | Reference code qualifier     | Man..3  | M   |   | CT = <a href="#">Contract number</a><br>CU = <a href="#">Consignor's reference number</a> |
| 1154  | Reference identifier         | C an..70  | R   |   |   |
| 1156  | Document line identifier     | C an..6   | N   |   |   |
| 4000  | Reference version identifier | C an..35  | N   |   |   |
| 1060  | Revision identifier          | C an..6   | N   |   |   |
| Segment Notes:  |                              |   |     |   |   |
| This segment is used to specify references which are applicable to the current goods item only. The references specified here will not accompany the consignment and will override any specified in segment group 03 in the header when the same qualifier is used. |                              |   |     |   |   |
| Example:  |                              |   |     |   |   |
| RFF+CT:52441'   |                              |   |     |   |   |

## 5. Segments Layout

Segment number: 32

| <b>SG16</b>   | - C                                  | 999 - GID-HAN-TMP-RNG-MOA-PIA-FTX-SG17-SG18-SG19-SG20-SG22-SG27 |   |  |
|---|--------------------------------------|---|---|--|
| <b>SG22</b>   | - C                                  | 9 - DOC   |   |  |
| <b>DOC</b>  | - M                                  | 1 - Document/message details                                    |   |  |
| Function:   |                                      |   |   |  |
| To identify documents and details directly related to it.   |                                      |   |   |  |
|   | EDIFACT                              | GS1   | * | Description  |
| C002  | DOCUMENT/MESSAGE NAME                | M   | M |  |
| 1001  | Document name code                   | C an..3   | R | 811 = <a href="#">Export licence</a><br>911 = <a href="#">Import licence</a> |
| 1131  | Code list identification code        | C an..17  | O |  |
| 3055  | Code list responsible agency code    | C an..3   | D |  |
| 1000  | Document name                        | C an..35  | N |  |
| C503  | DOCUMENT/MESSAGE DETAILS             | C   | O |  |
| 1004  | Document identifier                  | C an..35  | R |  |
| 1373  | Document status code                 | C an..3   | N |  |
| 1366  | Document source description          | C an..70  | O |  |
| 3453  | Language name code                   | C an..3   | O | ISO 639 two alpha  |
| 1056  | Version identifier                   | C an..9   | N |  |
| 1060  | Revision identifier                  | C an..6   | N |  |
| 3153  | Communication medium type code       | C an..3   | N |  |
| 1220  | Document copies required quantity    | C n..2  | O |  |
| 1218  | Document originals required quantity | C n..2  | N |  |
| Segment Notes:  |                                      |   |   |  |
| This segment is used to specify documents which are required for the current goods item only and which must accompany the goods during transport. |                                      |   |   |  |
| Example:<br>DOC+811+52441'  |                                      |   |   |  |

## 5. Segments Layout

Segment number: 33

| <b>SG16</b>                               | - C  | 999 - GID-HAN-TMP-RNG-MOA-PIA-FTX-SG17-SG18-SG19-SG20-SG22-SG27 |          |   |
|---|--|---|----------|---|
| <b>SG27</b>                               | - C  | 99 - DGS-FTX  |          |   |
| <b>DGS</b>                                | - M  | 1 - Dangerous goods   |          |   |
| Function:<br>To identify dangerous goods. |  |   |          |   |
|   | EDIFACT  | GS1   | *        | Description   |
| 8273                                      | Dangerous goods regulations code                 | C an..3   | <b>R</b> | ADR = <a href="#">European agreement regarding the total carriage of dangerous goods</a><br>CFR = <a href="#">49 code of federal regulations</a><br>ICA = <a href="#">IATA ICAO</a><br>RID = <a href="#">Rail/road dangerous goods book (RID)</a> |
| C205                                      | HAZARD CODE                                      | C   | <b>O</b> |   |
| 8351                                      | Hazard identification code                       | M an..7   | <b>M</b> | Classification according ADR/RID rules  |
| 8078                                      | Additional hazard classification identifier      | C an..7   | <b>O</b> | Additional according ADR/RID rules  |
| 8092                                      | Hazard code version identifier                   | C an..10  | <b>O</b> |   |
| C234                                      | UNDG INFORMATION                                 | C   | <b>O</b> |   |
| 7124                                      | United Nations Dangerous Goods (UNDG) identifier | C n4  | <b>O</b> |   |
| 7088                                      | Dangerous goods flashpoint value                 | C an..8   | <b>O</b> | Declaration of the flashpoint.  |
| C223                                      | DANGEROUS GOODS SHIPMENT FLASHPOINT              | C   | <b>O</b> |   |
| 7106                                      | Shipment flashpoint value                        | C n3  | <b>O</b> |   |
| 6411                                      | Measurement unit code                            | C an..3   | <b>O</b> | CEL = <a href="#">degree celsius</a>  |
| 8339                                      | Packaging danger level code                      | C an..3   | <b>O</b> | 1 = <a href="#">Great danger</a><br>2 = <a href="#">Medium danger</a><br>3 = <a href="#">Minor danger</a>   |
| 8364                                      | Emergency procedure for ships identifier         | C an..6   | <b>O</b> | Only for emergency procedure on ships.  |
| 8410                                      | Hazard medical first aid guide identifier        | C an..4   | <b>O</b> |   |
| 8126                                      | Transport emergency card identifier              | C an..10  | <b>O</b> | TREM card number according ADR.   |
| C235                                      | HAZARD IDENTIFICATION PLACARD DETAILS            | C   | <b>O</b> |   |
| 8158                                      | Orange hazard placard upper part identifier      | C an..4   | <b>O</b> | Danger signs upper part.  |
| 8186                                      | Orange hazard placard lower part identifier      | C an4   | <b>O</b> | Danger signs lower part.  |
| C236                                      | DANGEROUS GOODS LABEL                            | C   | <b>O</b> | According ADR, FID, IMDG-code, IATA-DGR.  |
| 8246                                      | Dangerous goods marking identifier               | C an..4   | <b>O</b> | Number of dangerous goods document primary hazard.  |
| 8246                                      | Dangerous goods marking identifier               | C an..4   | <b>O</b> | Number of dangerous goods document secondary hazard.  |
| 8246                                      | Dangerous goods marking identifier               | C an..4   | <b>O</b> |   |

## 5. Segments Layout

---

Segment number: 33

|      |  | EDIFACT | GS1 | * | Description               |
|------|--|---------|-----|---|---------------------------|
| 8255 | Packing instruction type code                | C an..3 | O   |   |                           |
| 8325 | Hazardous means of transport category code   | C an..3 | O   |   | Only used by air carrier. |
| 8211 | Hazardous cargo transport authorisation code | C an..3 | O   |   |                           |

**Segment Notes:**

This segment is used to indicate whether the goods item being booked is dangerous.

**Example:**

DGS+ADR+3B+1178+021:CEL'

The dangerous goods are classified according to the ADR class 3B (extremely flammable liquid) with the UN number 1178 and a flashpoint of 21 degrees celsius.

## 5. Segments Layout

Segment number: 34

| <b>SG16</b>   | - C                               | 999 - GID-HAN-TMP-RNG-MOA-PIA-FTX-SG17-SG18-SG19-SG20-SG22-SG27 |          |   |
|---|-----------------------------------|---|----------|---|
| <b>SG27</b>   | - C                               | 99 - DGS-FTX  |          |   |
| <b>FTX</b>  | - C                               | 99 - Free text  |          |   |
| Function:   |                                   |   |          |   |
| To provide free form or coded text information.   |                                   |   |          |   |
|   | EDIFACT                           | GS1   | *        | Description   |
| 4451  | Text subject code qualifier       | M an..3   | <b>M</b> | AAC = <a href="#">Dangerous goods additional information</a><br>AAD = <a href="#">Dangerous goods, technical name</a>     |
| 4453  | Free text function code           | C an..3   | <b>O</b> | 3 = <a href="#">Text for immediate use</a>  |
| C107  | TEXT REFERENCE                    | C   | <b>D</b> | This composite is only used when trading partners have agreed to use mutually defined code values.                        |
| 4441  | Free text value code              | Man..17   | <b>M</b> |   |
| 1131  | Code list identification code     | C an..17  | <b>O</b> |   |
| 3055  | Code list responsible agency code | C an..3   | <b>D</b> | 90 = <a href="#">Assigned by manufacturer</a>   |
| C108  | TEXT LITERAL                      | C   | <b>D</b> | This composite is only used if coded text can not be used.  |
| 4440  | Free text value                   | Man..512  | <b>M</b> |   |
| 4440  | Free text value                   | C an..512   | <b>O</b> |   |
| 4440  | Free text value                   | C an..512   | <b>O</b> |   |
| 4440  | Free text value                   | C an..512   | <b>O</b> |   |
| 4440  | Free text value                   | C an..512   | <b>O</b> |   |
| 3453  | Language name code                | C an..3   | <b>D</b> | ISO 639 two alpha code<br>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   | <b>N</b> |   |
| Segment Notes:  |                                   |   |          |   |
| <p>This segment is used to specify any additional information required for the dangerous goods.<br/>Use of this segment in free form is not recommended since it may inhibit automatic processing of the firm booking message. Coded references to standard texts is an available functionality which enables automatic processing and reduces transmission overheads. Standard texts should be mutually defined between trading partners and can be used to cover legal or other requirements.</p> |                                   |   |          |   |
| Example:  |                                   |   |          |   |
| FTX+AAD+++DIETHYL ACETALDEHYDE'   |                                   |   |          |   |



## 5. Segments Layout

Segment number: 35

| <b>SG32</b>  | - C                                      | 999 - EQD-EQN-SG33    |          |   |  |
|--|--|-----------------------|----------|---|--|
| <b>EQD</b>   | - M                                      | 1 - Equipment details |          |   |  |
| Function:  |  |                       |          |   |  |
| To identify a unit of equipment.   |  |                       |          |   |  |
|  |  | EDIFACT               | GS1      | * | Description  |
| 8053   | Equipment type code qualifier            | M an..3               | <b>M</b> |   | BPN = <a href="#">Box pallet non exchangeable</a><br>CN = <a href="#">Container</a><br>EFP = <a href="#">Exchangeable EUR flat pallet</a><br>PA = <a href="#">Pallet</a><br>UL = <a href="#">ULD (Unit load device)</a>  |
| C237   | EQUIPMENT IDENTIFICATION                 | C                     | <b>R</b> |   |  |
| 8260   | Equipment identifier                     | C an..17              | <b>O</b> |   | The positioning of goods items within equipment in a consignment is controlled through a link with the SGP segment using the DE 8260. DE 8260 in the EQD segment should have the same value as that specified in the SGP segment (DE 8260) in the applicable goods item group to establish the link. |
| 1131   | Code list identification code            | C an..17              | <b>O</b> |   |  |
| 3055   | Code list responsible agency code        | C an..3               | <b>D</b> |   | 9 = <a href="#">GS1</a>  |
| 3207   | Country name code                        | C an..3               | <b>O</b> |   |  |
| C224   | EQUIPMENT SIZE AND TYPE                  | C                     | <b>O</b> |   |  |
| 8155   | Equipment size and type description code | C an..10              | <b>O</b> |   | 6 = <a href="#">Pressurized tank</a><br>21 = <a href="#">Container IC 20 ft.</a>   |
| 1131   | Code list identification code            | C an..17              | <b>O</b> |   |  |
| 3055   | Code list responsible agency code        | C an..3               | <b>D</b> |   |  |
| 8154   | Equipment size and type description      | C an..35              | <b>O</b> |   |  |
| 8077   | Equipment supplier code                  | C an..3               | <b>O</b> |   | 1 = <a href="#">Shipper supplied</a><br>2 = <a href="#">Carrier supplied</a>   |
| 8249   | Equipment status code                    | C an..3               | <b>N</b> |   |  |
| 8169   | Full or empty indicator code             | C an..3               | <b>O</b> |   | 4 = <a href="#">Empty</a><br>5 = <a href="#">Full</a>  |
| Segment Notes:   |  |                       |          |   |  |
| This segment is used to indicate the units of equipment which will be used to transport the goods items specified. |  |                       |          |   |  |
| Example:<br>EQD+UL+45223'  |  |                       |          |   |  |

## 5. Segments Layout

Segment number: 36

|  |                          |                     |     |   |             |
|--|--------------------------|---------------------|-----|---|-------------|
| <b>SG32</b>  | - C                      | 999 - EQD-EQN-SG33  |     |   |             |
| <b>EQN</b>   | - C                      | 1 - Number of units |     |   |             |
| Function:  |                          |                     |     |   |             |
| To specify the number of units.  |                          |                     |     |   |             |
|  |                          | EDIFACT             | GS1 | * | Description |
| C523   | NUMBER OF UNIT DETAILS   | M                   | M   |   |             |
| 6350   | Units quantity           | C n..15             | R   |   |             |
| 6353   | Unit type code qualifier | C an..3             | N   |   |             |
| Segment Notes:   |                          |                     |     |   |             |
| This segment is used to specify the number of units of equipment required for the transport. |                          |                     |     |   |             |
| Example:   |                          |                     |     |   |             |
| EQN+3'   |                          |                     |     |   |             |

## 5. Segments Layout

Segment number: 37

| <b>SG32</b>  | - C   | 999 - EQD-EQN-SG33   |   |  |
|--|---|----------------------|---|--|
| <b>SG33</b>  | - C   | 9 - NAD              |   |  |
| <b>NAD</b>   | - M   | 1 - Name and address |   |  |
| 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   | GS1                  | * | Description  |
| 3035   | Party function code qualifier                   | M an..3              | M | CK = Empty equipment despatch party<br>CR = Empty equipment return party<br>CW = Equipment owner |
| C082   | PARTY IDENTIFICATION DETAILS                    | C                    | A |  |
| 3039   | Party identifier                                | Man..35              | M | For identification of parties it is recommended to use GLN - Format n13.                         |
| 1131   | Code list identification code                   | C an..17             | N |  |
| 3055   | Code list responsible agency code               | C an..3              | R | * 9 = GS1  |
| C058   | NAME AND ADDRESS                                | C                    | O | This composite may only be used to fulfill the requirements of directive 2003/58/EC, article 4.  |
| 3124   | Name and address description                    | Man..35              | M |  |
| 3124   | Name and address description                    | C an..35             | O |  |
| 3124   | Name and address description                    | C an..35             | O |  |
| 3124   | Name and address description                    | C an..35             | O |  |
| 3124   | Name and address description                    | C an..35             | O |  |
| C080   | PARTY NAME                                      | C                    | D |  |
| 3036   | Party name                                      | Man..35              | M | Party Name in clear text.  |
| 3036   | Party name                                      | C an..35             | O |  |
| 3036   | Party name                                      | C an..35             | O |  |
| 3036   | Party name                                      | C an..35             | O |  |
| 3036   | Party name                                      | C an..35             | O |  |
| 3045   | Party name format code                          | C an..3              | O |  |
| C059   | STREET  | C                    | D |  |
| 3042   | Street and number or post office box identifier | Man..35              | M | Building Name/Number and Street  |
| 3042   | Street and number or post office box identifier | C an..35             | O | Name and/or P.O. Box   |
| 3042   | Street and number or post office box identifier | C an..35             | O |  |
| 3042   | Street and number or post office box identifier | C an..35             | O |  |
| 3164   | City name                                       | C an..35             | D | City/Town, clear text.   |
| C819   | COUNTRY SUB-ENTITY DETAILS                      | C                    | D |  |
| 3229   | Country sub-entity name code                    | C an..9              | O |  |
| 1131   | Code list identification code                   | C an..17             | O |  |

## 5. Segments Layout

Segment number: 37

|  | EDIFACT  | GS1 | * | Description               |
|--|----------|-----|---|---------------------------|
| 3055 Code list responsible agency code | C an..3  | O   |   |                           |
| 3228 Country sub-entity name           | C an..70 | O   |   | County/State, clear text. |
| 3251 Postal identification code        | C an..17 | D   |   | Postal Code               |
| 3207 Country name code                 | C an..3  | D   |   | ISO 3166 two alpha code   |

**Segment Notes:**

This segment is used to identify parties related to the equipment specified in the EQD segment.

**Example:**

NAD+CK+3323456007890::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: 38

| <b>UNT</b> - M 1 - Message trailer   |                                 |          |          |   |   |
|--|---------------------------------|----------|----------|---|---|
| Function:<br>To end and check the completeness of a message.   |                                 |          |          |   |   |
| Notes:<br>1. 0062, the value shall be identical to the value in 0062 in the corresponding UNH segment.               |                                 |          |          |   |   |
|  |                                 | EDIFACT  | GS1      | * | Description   |
| 0074   | Number of segments in a message | M n..10  | <b>M</b> |   | The total number of segments in the message is detailed here.                                   |
| 0062   | Message reference number        | M an..14 | <b>M</b> |   | The message reference numbered detailed here should equal the one specified in the UNH segment. |
| Segment Notes:<br>This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message. |                                 |          |          |   |   |
| Example:<br>UNT+40+ME000001'   |                                 |          |          |   |   |

**6. Examples**

---

The following is an example of a firm booking message from a consignor identified by GLN 5411234512309 and a freight forwarder identified by GLN 5412345123453. The message, identified by the firm booking number AS-3522, was sent on the 31st of January 2002 at 10am.

The message books space for two goods items by road truck which are to be delivered to the delivery parties identified by GLN 5432154123451 for the first goods item and 5463633123457 for the second goods item.

The first goods item is identified as being packaged as five returnable pallets. On each pallet there are 20 cartons, the contents of which are identified using the GTIN 5410738251028. Each pallet contains foodstuffs which must be transported in a temperature controlled environment with a minimum temperature of 3 and a maximum of 8 degrees Celsius. The gross volume of the goods item is detailed as being 300 cubic meters with gross dimensions of 1 meter wide, 1.5 metres long and 2.5 metres high.

The second goods item consists of 14 1/4 EURO Pallets each containing 6 cartons of computer equipment. The value for customs purposes is listed as being 235000 Euros. The weight of the goods item is detailed as being 8500 Kilos and the length and width dimensions are detailed as being 1 with a height of 2.5 metres. An export certificate for the goods item with a reference of SW-942563 is also quoted.

|                                      |  |
|--------------------------------------|--|
| UNH+ME000001+IFTMBF:D:01B:UN:EAN003' | Message header   |
| BGM+335+AS-3522+9'                   | Booking request number AS-3522   |
| DTM+137:200201311000:203'            | Message date/time 31st January 2002 at 10:00                                 |
| TDT+20++30+31'                       | The transport means to be used for the consignment:<br>is a truck            |
| NAD+CZ+5411234512309::9'             | The consignor identified with a GLN 5411234512309                            |
| NAD+FW+5412345123453::9'             | The freight forwarder identified with a GLN<br>5412345123453                 |
| GID+1+5:09::9+100:CT'                | First occurrence of goods, 5 returnable pallets, with<br>100 cardboard boxes |
| HAN+EAT'                             | Handle the goods as foodstuffs   |
| TMP+2+4'                             | Transport temperature  |
| RNG+5+CEL:3:8'                       | Temperature must range between 3 and 8 degrees<br>Celsius                    |
| PIA+5+5410738251028:SRV'             | Product identification using GTIN 5410738251028                              |
| NAD+DP+5432154123451::9'             | The delivery party identified by an GLN<br>5432154123451                     |
| MEA+AAE+AAW+MTQ:300'                 | The gross volume of the goods is 300 cubic metre                             |
| DIM+1+MTR:1.5:1:2.5'                 | The gross dimension 1.5 m long, 1 m width, 1.5 m<br>height                   |
| GID+2+14:203:9+84:CT'                | Second occurrence of goods, 14 1/4 Europallet with 84<br>cardboard boxes     |
| HAN+HWC::9'                          | Handle the goods with care   |
| MOA+40:235000:EUR'                   | Customs value 235.000 Euros  |
| PIA+1+4371:HS'                       | Harmonised system number   |
| FTX+AAA+++COMPUTER EQUIPMENT'        | Goods description  |
| NAD+DP+5463633123457::9'             | Delivery party identified with an GLN 5463633123457                          |

## 6. Examples

---

|                     |   |
|---------------------|---|
| MEA+AAE+G+KGM:8500' | The gross weight 8500 Kg.                             |
| DIM+1+MTR:1:1:2.5'  | The gross dimension 1 m long, 1 m width, 2.5 m height |
| DOC+811+SW-942563'  | Export license number SW-942563                       |
| UNT+24+ME000001'    | Total number of segments in the message equals 24     |

Note :

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