

# **EANCOM<sup>®</sup> 2002 S4**

## **DELFOR**

### **Delivery schedule response message**

#### **Edition 2016**

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## 1. Introduction

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### Status

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

### Definition

A message from buyer to supplier giving product requirements regarding details for short term delivery instructions and/or medium to long term product/service forecast for planning purposes according to conditions set out in a contract or order. The message can be used to authorise the commitment of labour and materials resources. The message may also be sent by a supplier to a buyer as a response to a previously transmitted delivery schedule.

### Principles

The message may be used as a delivery schedule by the buyer to;

- specify delivery schedules requested by the buyer
- define the aspects that guarantee a perfect synchronisation between buyer and supplier
- provide information allowing the supplier to plan for future requirements in order to purchase raw materials to produce and deliver goods in the most economical way.

The message may be used as a delivery schedule response by the supplier to identify;

- the total acceptance
- total rejection
- proposal for change.

The Delivery Schedule message may be used in two ways :

- Location driven - a delivery location ( or locations) may be provided with multiple products and delivery quantities for the location (or locations) identified.
- Product driven - a product (or products) and quantities may be identified with multiple delivery locations for the product (or products).

**In EANCOM® it is recommended that only one approach be adopted with each trading partner at one time.**

The approach selected must be indicated by means of the relevant codes in data element 1001 in the BGM segment and in data element 7365 in the GIS segment.

When using the Delivery Schedule message to provide a response the message sender may indicate three types of information;

- **The total acceptance of a previous Delivery Schedule message.** In this instance only mandatory segments and segments identifying the parties and the message being responded need to be transmitted (UNH, BGM, RFF-DTM, NAD, and UNT). The acceptance of the message is indicated using data element 1225 (code value '29, Accepted without amendment' in the BGM segment).
- **The total rejection of a previous Delivery Schedule message.** In this instance only mandatory segments and segments identifying the parties and the message being responded need to be transmitted (UNH, BGM, RFF-DTM, NAD, and UNT). The rejection of the message is indicated using data element 1225 (code value '27, Not accepted' in the BGM segment).
- **The proposed change of information at individual product level.** Where a change or changes to a product takes place all of the information related to the product must be re-transmitted for confirmation purposes e.g. all segments at LIN level. Data element 1225 in the BGM segment must be set to '4,

## 1. Introduction

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Change'. At product level data element 1229 in the LIN segment must be set to '3, Change'. Reference to a specific line being responded to is achieved through the use of a combination of the reference to the original document and in the RFF at detail level using DE 1156 'Line number'. The FTX segment at LIN level may be used to provide an explanation, either in coded or free form, as to why the information is being changed.

Information at LIN level not re-transmitted is automatically accepted by default. For example, from an original Delivery Schedule containing ten products, four need to be changed. Only the data related to these four products must be re-transmitted and the other six products are accepted by default.

Accepted information at product level may also be explicitly indicated using the code value '5, Accepted without amendment', in data element 1229 in the LIN segment.

## 2. Message Structure Chart

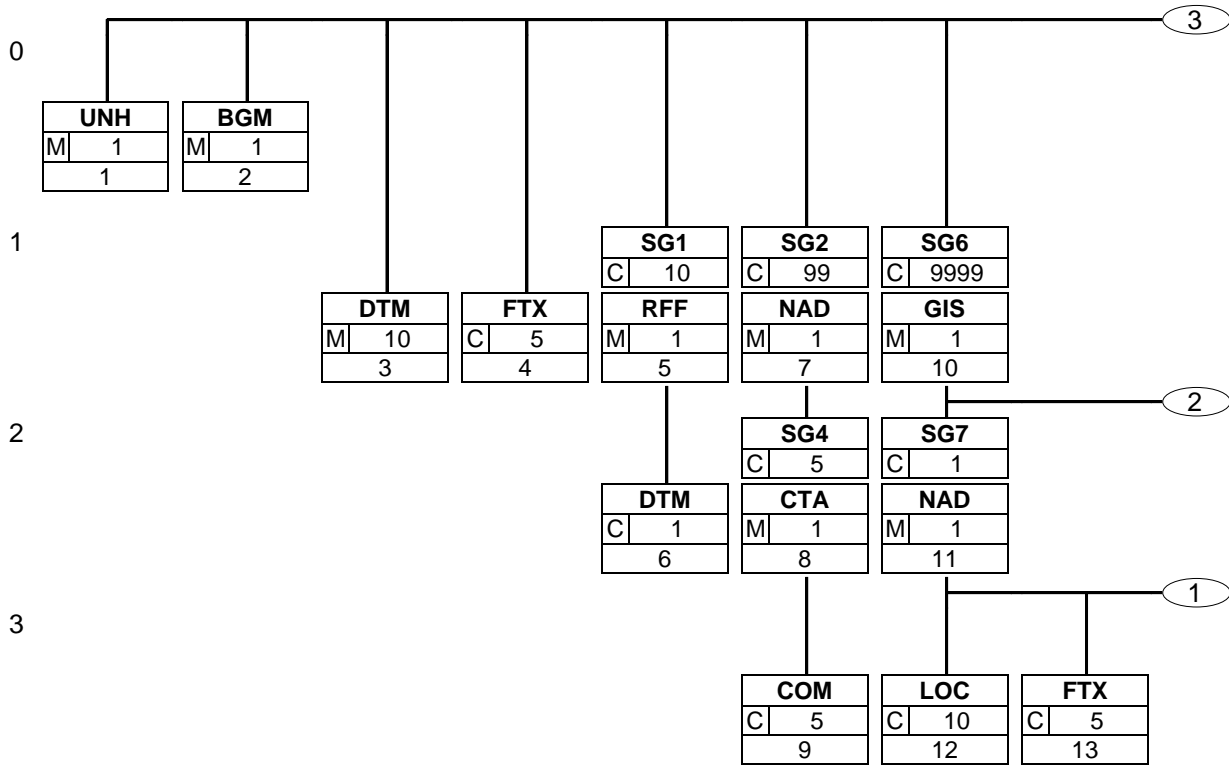
### Delivery Schedule Heading Section

|     |   |   |      |                         |
|-----|---|---|------|-------------------------|
| UNH | 1 | M | 1    | - Message header        |
| BGM | 2 | M | 1    | - Beginning of message  |
| DTM | 3 | M | 10   | - Date/time/period      |
| FTX | + | 4 | C 5  | - Free text             |
| SG1 |   |   | C 10 | - RFF-DTM               |
| RFF | 5 | M | 1    | - Reference             |
| DTM | 6 | C | 1    | - Date/time/period      |
| SG2 |   |   | C 99 | - NAD-SG4               |
| NAD | 7 | M | 1    | - Name and address      |
| SG4 |   |   | C 5  | - CTA-COM               |
| CTA | 8 | M | 1    | - Contact information   |
| COM | 9 | C | 5    | - Communication contact |

### Delivery Schedule Detail Section

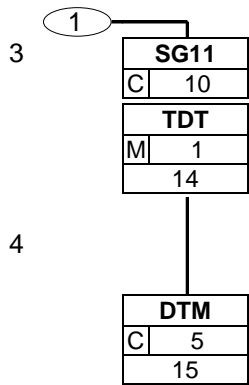
|      |    |    |        |   |
|------|----|----|--------|---|
| SG6  | *  |    | C 9999 | - GIS-SG7-SG12                                    |
| GIS  | +  | 10 | M 1    | - General indicator                               |
| SG7  |    |    | C 1    | - NAD-LOC-FTX-SG11                                |
| NAD  | 11 | M  | 1      | - Name and address                                |
| LOC  | 12 | C  | 10     | - Place/location identification                   |
| FTX  | 13 | C  | 5      | - Free text                                       |
| SG11 |    |    | C 10   | - TDT-DTM   |
| TDT  | 14 | M  | 1      | - Details of transport                            |
| DTM  | 15 | C  | 5      | - Date/time/period                                |
| SG12 | *  |    | C 9999 | - LIN-PIA-IMD-MEA-LOC-DTM-FTX-SG13-SG17-SG20-SG22 |
| LIN  | 16 | M  | 1      | - Line item                                       |
| PIA  | 17 | C  | 10     | - Additional product id                           |
| IMD  | 18 | C  | 10     | - Item description                                |
| MEA  | 19 | C  | 5      | - Measurements                                    |
| LOC  | 20 | C  | 999    | - Place/location identification                   |
| DTM  | 21 | C  | 5      | - Date/time/period                                |
| FTX  | 22 | C  | 5      | - Free text                                       |
| SG13 |    |    | C 10   | - RFF-DTM   |
| RFF  | 23 | M  | 1      | - Reference                                       |
| DTM  | 24 | C  | 1      | - Date/time/period                                |
| SG17 | *  |    | C 999  | - SCC-SG18  |
| SCC  | 25 | M  | 1      | - Scheduling conditions                           |
| SG18 |    |    | C 999  | - QTY-DTM   |
| QTY  | 26 | M  | 1      | - Quantity  |
| DTM  | 27 | C  | 2      | - Date/time/period                                |
| SG20 |    |    | C 99   | - PAC   |
| PAC  | 28 | M  | 1      | - Package   |
| SG22 | +  |    | C 999  | - NAD   |
| NAD  | +  | 29 | M 1    | - Name and address                                |
| UNT  |    | 30 | M 1    | - Message trailer                                 |

### 3. Branching Diagram

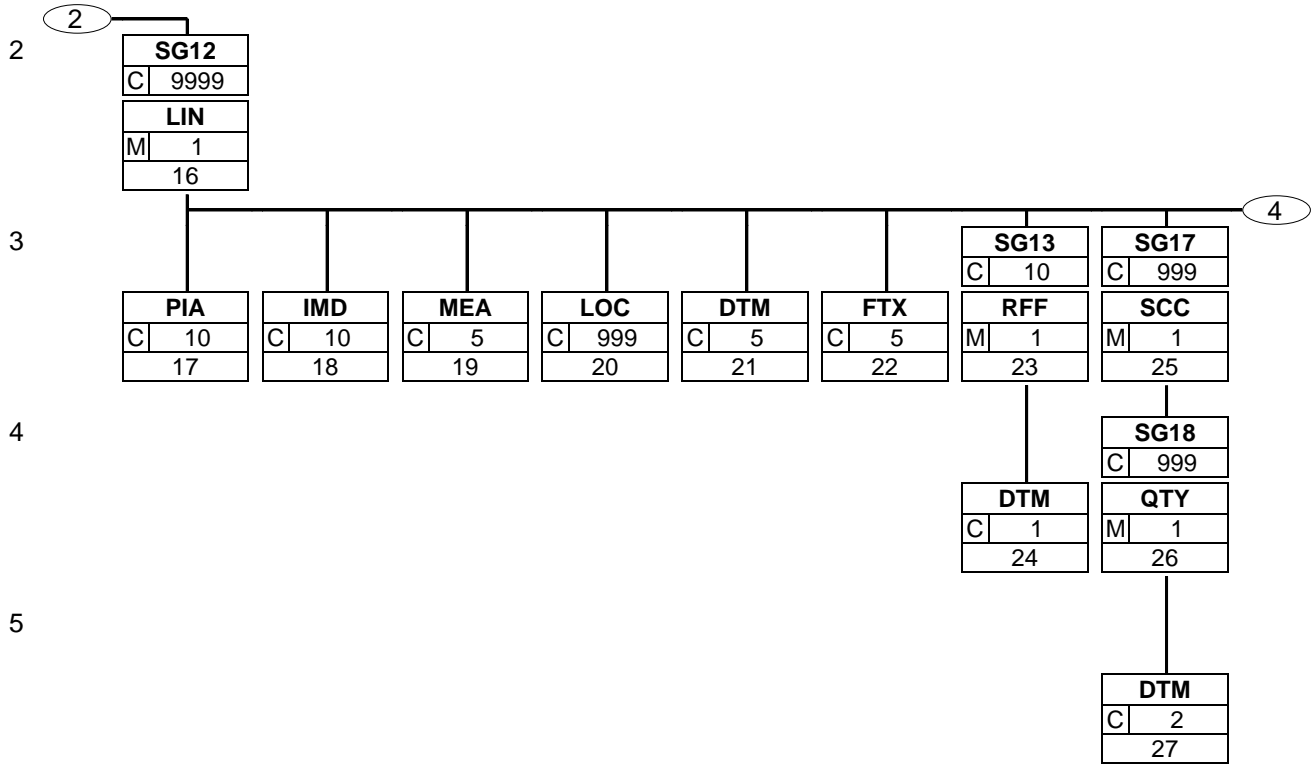


### 3. Branching Diagram

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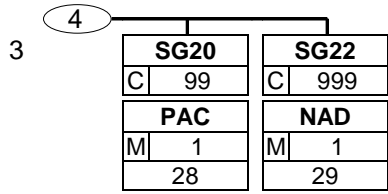


### 3. Branching Diagram



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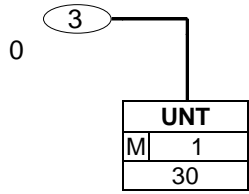
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### 3. Branching Diagram

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## 4. Segments Description

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### Delivery Schedule Heading Section

- UNH - M 1 - Message header  
This segment is used to head, identify and specify a message.
- BGM - M 1 - Beginning of message  
This segment is used to indicate the type and function of a message and to transmit the identifying number.
- DTM - M 10 - Date/time/period  
This segment is used to specify the date of the Delivery Schedule message.
- FTX - C 5 - Free text  
This segment is used to specify any free text information relevant to the delivery schedule message.
- SG1** - C 10 - **RFF-DTM**  
A group of segments giving references relevant to the whole message, e.g. contract number.
- RFF - M 1 - Reference  
This segment is used to identify additional references relevant to the whole Delivery Schedule.
- DTM - C 1 - Date/time/period  
This segment is used to indicate any dates associated with the references provided in the previous RFF segment.
- SG2** - C 99 - **NAD-SG4**  
A group of segments identifying names, addresses, locations, and contacts relevant to the whole Delivery Schedule.
- NAD - M 1 - Name and address  
This segment is used to indicate the trading parties involved in the Delivery Schedule process. Identification of buyer and supplier is mandatory in the delivery schedule. Additionally, the consignee and invoicee may also be specified if different to the buyer and supplier.
- SG4** - C 5 - **CTA-COM**  
A group of segments to identify people, functions, or departments and appropriate numbers to whom communication should be directed.
- CTA - M 1 - Contact information  
This segment is used to identify department and/or contact names within the party specified in the previous NAD segment.
- COM - C 5 - Communication contact  
This segment identifies the communications number, and type of communications, for the department or person identified in the previous CTA segment.

### Delivery Schedule Detail Section

- SG6** - C 9999 - **GIS-SG7-SG12**  
A group of segments providing details on delivery points and products and related information using one of both scheduling methods.
- GIS - M 1 - General indicator  
The GIS segment is the trigger segment of the DELFOR details. Either a location driven approach (Segment group 7 and segment group 12) or a product driven approach (Segment group 12 and segment group 22) may follow.
- SG7** - C 1 - **NAD-LOC-FTX-SG11**  
A group containing delivery names and addresses, related information and details of line items to be consigned to the delivery points.

#### 4. Segments Description

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|                      |  |
|----------------------|--|
| NAD - M 1            | - Name and address<br>This segment triggers the location driven delivery schedule. By choosing this approach (specified in GIS segment data element 7365, value 94) the product driven approach is automatically excluded.                                 |
| LOC - C 10           | - Place/location identification<br>A segment identifying a place or a location and/or related locations.   |
| FTX - C 5            | - Free text<br>This segment is used to provide free form or coded text information.  |
| <b>SG11 - C 10</b>   | - <b>TDT-DTM</b><br>A group of segments specifying details of the mode and means of transport, and date/time of departure and destination relating to specified delivery point.  |
| TDT - M 1            | - Details of transport<br>This segment is used to specify transport details for the delivery schedule. If successive stages of transport need to be identified, then segment group 11 will be repeated for each successive stage, e.g., on-carriage, etc., |
| DTM - C 5            | - Date/time/period<br>This segment is used to specify dates and times relevant to the previous TDT segment.  |
| <b>SG12 - C 9999</b> | - <b>LIN-PIA-IMD-MEA-LOC-DTM-FTX-SG13-SG17-SG20-SG22</b><br>A group of segments providing details of the individual line items for both methods.   |
| LIN - M 1            | - Line item<br>This segment is used to identify the product or service for which the schedule or forecast is being provided.   |
| PIA - C 10           | - Additional product id<br>This segment is used to specify additional or substitutional item identification codes such as a buyer's or supplier's item number.   |
| IMD - C 10           | - Item description<br>This segment is used to describe the current line item.  |
| MEA - C 5            | - Measurements<br>This segment is used to specify the actual physical dimensions of the product being sold in variable lengths or volumes.   |
| LOC - C 999          | - Place/location identification  |
| DTM - C 5            | - Date/time/period<br>Date/time/period associated with the line item, such as the date of the engineering change.  |
| FTX - C 5            | - Free text<br>This segment is used to specify any special requirements for the current line item.   |
| <b>SG13 - C 10</b>   | - <b>RFF-DTM</b><br>A group of segments giving references related to the line item and where necessary, their dates.   |
| RFF - M 1            | - Reference<br>This segment is used to provide reference numbers which provide further identification of each line item in the delivery schedule.  |
| DTM - C 1            | - Date/time/period<br>This segment is used to indicate any dates associated with the references provided in the previous RFF segment.  |

## 4. Segments Description

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|                     |   |
|---------------------|---|
| <b>SG17</b> - C 999 | - <b>SCC-SG18</b><br>A group of segments specifying the schedule information for the product identified in the LIN segment. With the delivery point driven method this segment group provides the schedule for the identified delivery point and product. With the product driven method this segment group can be used to summarise all schedules provided with the subsequent delivery point information given in segment group 22. |
| SCC - M 1           | - Scheduling conditions<br>This segment is used to specify the type and status of the schedule being given, and optionally defining a pattern to be established, e.g., firm or proposed delivery schedule for a weekly pattern.   |
| <b>SG18</b> - C 999 | - <b>QTY-DTM</b><br>A group of segments specifying quantity related information for actual delivery, reporting or cumulative quantities and forecast quantities as required for the line item under the schedule conditions of the previous SCC segment.  |
| QTY - M 1           | - Quantity<br>This segment is used to specify quantities related to the current SCC item.   |
| DTM - C 2           | - Date/time/period<br>This segment is used to provide dates and times relating to the quantity and schedule details in the SCC/QTY segments. This segment may indicate date/time ranges, e.g., the start and end date for a delivery pattern, etc.  |
| <b>SG20</b> - C 99  | - <b>PAC</b><br>A group of segments identifying the packaging for goods referenced in the line item to be delivered.  |
| PAC - M 1           | - Package<br>This segment is used to provide packaging details for the current line item.   |
| <b>SG22</b> - C 999 | - <b>NAD</b><br>A group of segments providing details of the individual delivery points for the given product.  |
| NAD - M 1           | - Name and address<br>This segment is used to identify the delivery points for the current line item.   |
| UNT - M 1           | - Message trailer<br>This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.   |

## 5. Segments Layout

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This section describes each segment used in the EANCOM® Delivery schedule response 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 messages in the interchange. DE 0062 in the UNT will have the same value. Sender generated.                |
| S009  | MESSAGE IDENTIFIER                              | M        | M   |   |   |
| 0065  | Message type                                    | M an..6  | M   | * | DELFOR = <b>Delivery schedule message</b>   |
| 0052  | Message version number                          | M an..3  | M   | * | D = <b>Draft version/UN/EDIFACT Directory</b>   |
| 0054  | Message release number                          | M an..3  | M   | * | 01B = <b>Release 2001 - B</b>   |
| 0051  | Controlling agency, coded                       | M an..3  | M   | * | UN = <b>UN/CEFACT</b>   |
| 0057  | Association assigned code                       | C an..6  | R   | * | EAN005 = <b>GS1 version control number (GS1 Permanent Code)</b><br>Indicates that the message is the EANCOM version 005 of the UNSM Delivery Schedule.          |
| 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

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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 Delivery Schedule message based on the D.01B directory under the control of the United Nations.

Example:  
 UNH+ME000001+DELFOR:D:01B:UN:EAN004'

## 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   |   | 236 = <a href="#">Delivery forecast</a><br>291 = <a href="#">Delivery schedule response</a><br>241 = <a href="#">Delivery schedule</a>                 |
| 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   |   | Delivery schedule number assigned by the 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   |   |  |



## 5. Segments Layout

|      |                       |         |   |   |  |
|------|-----------------------|---------|---|---|--|
| 1225 | Message function code | C an..3 | R | * | <p>1 = <b>Cancellation</b><br/>         4 = <b>Change</b><br/>         7 = <b>Duplicate</b><br/>         9 = <b>Original</b><br/>         27 = <b>Not accepted</b><br/>         29 = <b>Accepted without amendment</b><br/>         31 = <b>Copy</b><br/>         42 = <b>Confirmation via specific means</b></p> <p>The message function, coded is a critical data element in this segment. It applies to all data indicated in the message. Code values 27, and 29 are used only when the message is sent as delivery schedule response. The following definitions apply for the restricted codes:</p> <p>1= Cancellation - A cancellation of a previously sent delivery schedule. The previous delivery schedule number is specified in the RFF segment.</p> <p>4 = Change - A change to a previously sent delivery schedule. Only the area's changing need to be re-transmitted. The previous delivery schedule number is specified in the RFF segment.</p> <p>7 = Duplicate - A re-transmission involving the same parties, on the specific request of the receiver.</p> <p>9 = Original - An original transmission of a delivery schedule.</p> <p>27 = Not accepted - Message to inform that the referenced message is not accepted by the recipient. The previous delivery schedule number is specified in the RFF segment.</p> <p>29 = Accepted without amendment - Referenced message is entirely accepted. The previous delivery schedule number is specified in the RFF segment.</p> <p>31 = Copy - A copy of a delivery schedule for a third party for information purposes.</p> |
|------|-----------------------|---------|---|---|--|

## 5. Segments Layout

Segment number: 2

|                         | EDIFACT | GS1 | * | Description   |
|-------------------------|---------|-----|---|---|
|                         |         |     |   | 42 = Confirmation via specific means - A confirmation of a previous delivery schedule sent by means other than EDI, e.g., Fax.  |
| 4343 Response type code | C an..3 | D   | * | AB = <b>Message acknowledgement</b><br>AC = <b>Acknowledge - with detail and change</b><br>AI = <b>Acknowledge only changes</b><br>NA = <b>No acknowledgement needed</b><br>The data element is used if the delivery schedule issuer wishes to explicitly indicate whether an acknowledgement is required or not. |

**Segment Notes:**

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

**Example:**

BGM+241+LDS562+9'

Delivery schedule number LDS562

BGM+291+PDS416+9'

Delivery schedule response, number PDS416.

## 5. Segments Layout

Segment number: 3

| DTM - M 10 - 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 | Man..3   | M   | * | 2 = Delivery date/time, requested<br>61 = Cancel if not delivered by this date<br>63 = Delivery date/time, latest<br>64 = Delivery date/time, earliest<br>69 = Delivery date/time, promised for<br>137 = Document/message date/time<br>419 = Forecast period |
| 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>718 = CCYYMMDD-CCYYMMDD  |
| <p>Segment Notes:</p> <p>This segment is used to specify the date of the Delivery Schedule message.<br/>           DE 2005: Identification of the 'Document/message date/time' (code value 137) is mandatory in an EANCOM message.</p> <p>Example:<br/>           DTM+137:20020110:102'<br/>           DTM+69:200201201230:203'<br/>           Delivery is promised for 12:30pm on the 20th of January 2002.</p> |  |          |     |   |  |

## 5. Segments Layout

Segment number: 4

| FTX - C 5 - Free text   |                                   |           |     |   |  |
|---|-----------------------------------|-----------|-----|---|--|
| Function:<br>To provide free form or coded text information.  |                                   |           |     |   |  |
|   |                                   | EDIFACT   | GS1 | * | Description  |
| 4451  | Text subject code qualifier       | M an..3   | M   |   | DEL = <a href="#">Delivery information</a><br>DIN = <a href="#">Delivery instructions</a><br>ZZZ = <a href="#">Mutually defined</a>  |
| 4453  | Free text function code           | C an..3   | O   |   | 1 = <a href="#">Text for subsequent use</a><br>3 = <a href="#">Text for immediate use</a>  |
| C107  | TEXT REFERENCE                    | C         | D   |   | References to a standard text.<br>This composite is only used when trading partners have agreed to use mutually defined code values. |
| 4441  | Free text value code              | M an..17  | M   |   | 001 = ...standard text...  |
| 1131  | Code list identification code     | C an..17  | O   |   |  |
| 3055  | Code list responsible agency code | C an..3   | D   |   | 91 = <a href="#">Assigned by supplier or supplier's agent</a><br>92 = <a href="#">Assigned by buyer or buyer's agent</a>             |
| C108  | TEXT LITERAL                      | C         | D   |   | This composite is only used if coded text can not be used.   |
| 4440  | Free text value                   | M an..512 | M   |   |  |
| 4440  | Free text value                   | C an..512 | O   |   |  |
| 4440  | Free text value                   | C an..512 | O   |   |  |
| 4440  | Free text value                   | C an..512 | O   |   |  |
| 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 specify any free text information relevant to the delivery schedule message. Use of this segment in free form is not recommended since it may inhibit automatic processing of the delivery schedule. Coded references to standard text is an available functionality which enables automatic processing and reduces transmission and processing overheads. Standard texts should be mutually defined among trading partners and can be used to cover legal and other requirements.</p> |                                   |           |     |   |  |
| <p>Example:<br/>FTX+ZZZ+1+001::92'</p>  |                                   |           |     |   |  |

## 5. Segments Layout

Segment number: 5

|   |                              |               |     |   |   |
|---|------------------------------|---------------|-----|---|---|
| <b>SG1</b>  | - C                          | 10 - 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   | * | AAN = Delivery schedule number<br>BO = Blanket order number<br>CR = Customer reference number<br>CT = Contract number<br>IP = Import licence number<br>ON = Order number (buyer)<br>PD = Promotion deal number<br>VN = Order number (supplier)<br>Code value AAN is used in combination with any of the following codes of DE 1225 in the BGM segment 1, 4, 27, 29. |
| 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 identify additional references relevant to the whole Delivery Schedule.<br><br>Example:<br>RFF+CT:563288' |                              |               |     |   |   |

### 5. Segments Layout

Segment number: 6

| <b>SG1</b>  | - C  | 10 - RFF-DTM         |     |   |  |
|---|--|----------------------|-----|---|--|
| <b>DTM</b>  | - C  | 1 - 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   | * | 36 = Expiry date<br>171 = Reference date/time<br>194 = Start date/time<br>206 = End date/time<br>321 = Promotion date/period |
| 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>718 = CCYYMMDD-CCYYMMDD  |
| Segment Notes:  |  |                      |     |   |  |
| This segment is used to indicate any dates associated with the references provided in the previous RFF segment. |  |                      |     |   |  |
| Example:  |  |                      |     |   |  |
| DTM+171:20020115:102'   |  |                      |     |   |  |

## 5. Segments Layout

Segment number: 7

| <b>SG2</b>   | - C   | 99 - NAD-SG4         |          |   |   |
|--|---|----------------------|----------|---|---|
| <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> |   | BY = Buyer<br>CN = Consignee<br>FW = Freight forwarder<br>IV = Invoicee<br>SU = Supplier<br>WH = Warehouse keeper |
| C082   | PARTY IDENTIFICATION DETAILS                    | C                    | <b>A</b> |   |   |
| 3039   | Party identifier                                | M an..35             | <b>M</b> |   | 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, 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 name  |
| 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> |   |   |
| 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 name, clear text  |
| C819   | COUNTRY SUB-ENTITY DETAILS                      | C                    | <b>D</b> |   |   |
| 3229   | Country sub-entity name code                    | C an..9              | <b>O</b> |   |   |

## 5. Segments Layout

Segment number: 7

|      |                                   | EDIFACT  | GS1 | * | Description               |
|------|-----------------------------------|----------|-----|---|---------------------------|
| 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        |

**Segment Notes:**

This segment is used to indicate the trading parties involved in the Delivery Schedule process. Identification of buyer and supplier is mandatory in the delivery schedule. Additionally, the consignee and invoicee may also be specified if different to the buyer and supplier.

**Example:**

NAD+BY+5412345000013::9'  
 NAD+SU+401234500004::9'  
 NAD+CN+5412345600015::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: 8

|            |     |                         |
|------------|-----|-------------------------|
| <b>SG2</b> | - C | 99 - NAD-SG4            |
| <b>SG4</b> | - C | 5 - 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><br>OC = <a href="#">Order contact</a><br>PD = <a href="#">Purchasing 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/or contact names within the party specified in the previous NAD segment.  
 The GLN is particularly suitable for this purpose.

Example:  
 CTA+IC+SUPPLY DEPARTMENT:D REES'

## 5. Segments Layout

Segment number: 9

| <b>SG2</b>  | - C                                  | 99 - NAD-SG4              |
|---|--------------------------------------|---------------------------|
| <b>SG4</b>  | - C                                  | 5 - CTA-COM               |
| <b>COM</b>  | - C                                  | 5 - 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                  |
| EM = <a href="#">Electronic mail</a><br>TE = <a href="#">Telephone</a><br>AO = <a href="#">Uniform Resource Location (URL)</a>                      |                                      |                           |
| Segment Notes:  |                                      |                           |
| This segment identifies the communications number, and type of communications, for the department or person identified in the previous CTA segment. |                                      |                           |
| Example:  |                                      |                           |
| COM+0033185626232:FX'   |                                      |                           |

## 5. Segments Layout

Segment number: 10

| <b>SG6</b>  | - C                                   | 9999 - GIS-SG7-SG12   |     |   |   |
|---|---------------------------------------|-----------------------|-----|---|---|
| <b>GIS</b>  | - M                                   | 1 - General indicator |     |   |   |
| <p>Function:<br/>         To transmit a processing indicator.</p> <p>Notes:<br/>         1. This segment will be removed effective with directory D.02B.</p>  |                                       |                       |     |   |   |
|   |                                       | EDIFACT               | GS1 | * | Description   |
| C529  | PROCESSING INDICATOR                  | M                     | M   |   |   |
| 7365  | Processing indicator description code | Man..3                | M   | * | 94 = Delivery point driven scheduling method<br>95 = Product driven scheduling method |
| 1131  | Code list identification code         | C an..17              | N   |   |   |
| 3055  | Code list responsible agency code     | C an..3               | N   |   |   |
| 7187  | Process type description code         | C an..17              | N   |   |   |
| <p>Segment Notes:</p> <p>The GIS segment is the trigger segment of the DELFOR details. Either a location driven approach (Segment group 7 and segment group 12) or a product driven approach (Segment group 12 and segment group 22) may follow.</p> <p>Example:<br/>         GIS+95'<br/>         The DELFOR message is product driven.<br/>         GIS+94'<br/>         Location driven delivery schedule.</p> |                                       |                       |     |   |   |

## 5. Segments Layout

Segment number: 11

| <b>SG6</b>   | - C   | 9999 - GIS-SG7-SG12  |          |             |   |
|--|---|----------------------|----------|-------------|---|
| <b>SG7</b>   | - C   | 1 - NAD-LOC-FTX-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> | *           | BY = <b>Buyer</b><br>DP = <b>Delivery party</b>   |
| C082   | PARTY IDENTIFICATION DETAILS                    | C                    | <b>A</b> |             |   |
| 3039   | Party identifier                                | Man..35              | <b>M</b> |             | 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                    | Man..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                                      | Man..35              | <b>M</b> |             | Party Name, 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 | Man..35              | <b>M</b> |             | Building Name/Number and Street name  |
| 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> |             |   |
| 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 name, clear text  |
| C819   | COUNTRY SUB-ENTITY DETAILS                      | C                    | <b>D</b> |             |   |
| 3229   | Country sub-entity name code                    | 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>O</b> |             |   |

## 5. Segments Layout

Segment number: 11

|                                 | EDIFACT  | GS1 | * | Description               |
|---------------------------------|----------|-----|---|---------------------------|
| code                            |          |     |   |                           |
| 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 triggers the location driven delivery schedule. By choosing this approach (specified in GIS segment data element 7365, value 94) the product driven approach is automatically excluded.

Please refer to the notes in the message principles section for more information on the rules regarding the two approaches.

This NAD segment is used to identify the delivery points for a location driven delivery schedule. The delivery address given at this point in the message is valid for all following products which are identified in the LIN-PIA segments.

### Example:

NAD+DP+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: 12

| <b>SG6</b>  | - C                                 | 9999 - GIS-SG7-SG12                |          |   |
|---|-------------------------------------|------------------------------------|----------|---|
| <b>SG7</b>  | - C                                 | 1 - NAD-LOC-FTX-SG11               |          |   |
| <b>LOC</b>  | - C                                 | 10 - Place/location identification |          |   |
| Function:<br>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 = Place of delivery   |
| C517  | LOCATION IDENTIFICATION             | C                                  | <b>C</b> |   |
| 3225  | Location name code                  | C an..25                           | <b>A</b> | Use GLN - Format n13. If not applicable, use codes from another appropriate code set. |
| 1131  | Code list identification code       | C an..17                           | <b>O</b> |   |
| 3055  | Code list responsible agency code   | C an..3                            | <b>D</b> |   |
| 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:<br>A segment identifying a place or a location and/or related locations. |                                     |                                    |          |   |

### 5. Segments Layout

Segment number: 13

| <b>SG6</b>   | - C                               | 9999 - GIS-SG7-SG12  |          |                                |
|--|-----------------------------------|----------------------|----------|--------------------------------|
| <b>SG7</b>   | - C                               | 1 - NAD-LOC-FTX-SG11 |          |                                |
| <b>FTX</b>   | - C                               | 5 - 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> | AGW = <a href="#">Location</a> |
| 4453   | Free text function code           | C an..3              | <b>O</b> |                                |
| C107   | TEXT REFERENCE                    | C                    | <b>C</b> |                                |
| 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> |                                |
| C108   | TEXT LITERAL                      | C                    | <b>C</b> |                                |
| 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> |                                |
| 4447   | Free text format code             | C an..3              | <b>N</b> |                                |
| Segment Notes:   |                                   |                      |          |                                |
| This segment is used to provide free form or coded text information. |                                   |                      |          |                                |

### 5. Segments Layout

Segment number: 14

| <b>SG6</b>   | - C  | 9999 - GIS-SG7-SG12      |          |  |
|--|--|--------------------------|----------|--|
| <b>SG7</b>   | - C  | 1 - NAD-LOC-FTX-SG11     |          |  |
| <b>SG11</b>  | - C  | 10 - TDT-DTM             |          |  |
| <b>TDT</b>   | - M  | 1 - Details of transport |          |  |
| Function:  |  |                          |          |  |
| 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>50 =   |
| 8066   | Transport mode name                            | C an..17                 | <b>N</b> |  |
| C228   | TRANSPORT MEANS                                | C                        | <b>O</b> |  |
| 8179   | Transport means description code               | C an..8                  | <b>D</b> |  |
|  |  |                          |          | 12 = Ship tanker<br>21 = Rail tanker<br>23 = Rail bulk car<br>31 = Truck<br>32 = Road tanker |
| 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>A</b> | *  |
|  |  |                          |          | 9 = <b>GS1</b>   |
| 3128   | Carrier name                                   | C an..35                 | <b>O</b> |  |
| 8101   | Transit direction indicator code               | C an..3                  | <b>O</b> |  |
|  |  |                          |          | BS = Buyer to supplier<br>SB = Supplier to buyer   |
| C401   | EXCESS TRANSPORTATION INFORMATION              | C                        | <b>N</b> |  |
| 8457   | Excess transportation reason code              | Man..3                   |          |  |
| 8459   | Excess transportation responsibility code      | Man..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>N</b> |  |



## 5. Segments Layout

Segment number: 14

|      |  | EDIFACT  | GS1 | * | Description                           |
|------|--|----------|-----|---|---------------------------------------|
| 1131 | Code list identification code            | C an..17 | N   |   |                                       |
| 3055 | Code list responsible agency code        | C an..3  | N   |   |                                       |
| 8212 | Transport means identification name      | C an..35 | R   |   | Vehicle licence plate/Aircraft number |
| 8453 | Transport means nationality code         | C an..3  | O   |   | ISO 3166 two alpha code               |
| 8281 | Transport means ownership indicator code | C an..3  | N   |   |                                       |

### Segment Notes:

This segment is used to specify transport details for the delivery schedule. If successive stages of transport need to be identified, then segment group 11 will be repeated for each successive stage, e.g., on-carriage, etc.,

### Example:

TDT+20++30+31'

Main carriage transport by road using a truck.

TDT+20+TD03233+30+31+:::SWIFT FREIGHT FORWARDERS+++:::CX146EU:NL'

The main carriage transport is by road using a truck from the carrier Swift Freight Forwarders. The reference number covering the transport is TD03233 and the licence plate number of the truck is CX146EU, a Dutch licence plate number.

### Dependency Notes:

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

## 5. Segments Layout

Segment number: 15

|             |     |                      |
|-------------|-----|----------------------|
| <b>SG6</b>  | - C | 9999 - GIS-SG7-SG12  |
| <b>SG7</b>  | - C | 1 - NAD-LOC-FTX-SG11 |
| <b>SG11</b> | - C | 10 - TDT-DTM         |
| <b>DTM</b>  | - C | 5 - 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 | M an..3  | M | *           | 2 = Delivery date/time, requested<br>63 = Delivery date/time, latest<br>64 = Delivery date/time, earliest<br>69 = Delivery date/time, promised for |
| 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>718 = CCYYMMDD-CCYYMMDD  |

Segment Notes:  
 This segment is used to specify dates and times relevant to the previous TDT segment.

Example:  
 DTM+63:200201211430:203'

### 5. Segments Layout

Segment number: 16

| <b>SG6</b>   | - C  | 9999 - GIS-SG7-SG12                                    |          |             |  |
|--|--|--|----------|-------------|--|
| <b>SG12</b>  | - C  | 9999 - LIN-PIA-IMD-MEA-LOC-DTM-FTX-SG13-SG17-SG20-SG22 |          |             |  |
| <b>LIN</b>   | - M  | 1 - Line item  |          |             |  |
| Function:<br>To identify a line item and configuration.  |  |  |          |             |  |
|  | EDIFACT                                      | GS1  | *        | Description |  |
| 1082   | Line item identifier                         | C an..6  | <b>R</b> |             | Application generated number of the count of the lines in the delivery schedule.   |
| 1229   | Action request/notification description code | C an..3  | <b>O</b> |             | 3 = <b>Changed</b><br>4 = <b>No action</b><br>5 = <b>Accepted without amendment</b><br>6 = <b>Accepted with amendment</b><br>7 = <b>Not accepted</b>   |
| C212   | ITEM NUMBER IDENTIFICATION                   | C  | <b>D</b> |             | This composite will only be used for the identification of GS1 codes. If another coding structure is required, e.g., HIBC, this composite will not be used and the code will be detailed in the PIA segment. |
| 7140   | Item identifier                              | C an..35   | <b>R</b> |             | Format n..14<br>GTIN - this is the number of the article scheduled for delivery.   |
| 7143   | Item type identification code                | C an..3  | <b>R</b> | *           | SRV = <b>GS1 Global Trade Item Number</b>  |
| 1131   | Code list identification code                | C an..17   | <b>N</b> |             |  |
| 3055   | Code list responsible agency code            | C an..3  | <b>N</b> |             |  |
| C829   | SUB-LINE INFORMATION                         | C  | <b>D</b> |             |  |
| 5495   | Sub-line indicator code                      | C an..3  | <b>R</b> | *           | 1 = <b>Sub-line information</b>  |
| 1082   | Line item identifier                         | C an..6  | <b>R</b> |             |  |
| 1222   | Configuration level number                   | C n..2   | <b>N</b> |             |  |
| 7083   | Configuration operation code                 | C an..3  | <b>N</b> |             |  |
| Segment Notes:   |  |  |          |             |  |
| This segment is used to identify the product or service for which the schedule or forecast is being provided. If Global Trade Item Numbers are available it is mandatory to use GTIN within the LIN segment. |  |  |          |             |  |
| Dependency Notes:  |  |  |          |             |  |
| C829 is only used when sub-lines are required.   |  |  |          |             |  |
| FOR A COMPLETE DESCRIPTION ON THE USAGE OF SUB-LINES PLEASE REFER TO PART I, SECTION 4.10.   |  |  |          |             |  |
| Example:   |  |  |          |             |  |
| LIN+1++541234511115:SRV'   |  |  |          |             |  |

### 5. Segments Layout

Segment number: 17

| <b>SG6</b>   | - C                                  | 9999 - GIS-SG7-SG12                                    |          |   |  |
|--|--------------------------------------|--|----------|---|--|
| <b>SG12</b>  | - C                                  | 9999 - LIN-PIA-IMD-MEA-LOC-DTM-FTX-SG13-SG17-SG20-SG22 |          |   |  |
| <b>PIA</b>   | - C                                  | 10 - 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> | *   | <p>1 = <b>Additional identification</b><br/>           2 = <b>Identification for potential substitution</b><br/>           5 = <b>Product identification</b><br/>           X1 = <b>No substitution accepted (GS1 Temporary Code)</b></p> <p>Product Id function qualifier has the following restricted coded values:<br/>           1 - Additional Identification - To provide an additional identity for the product identified in the LIN segment. The additional identification can consist of :<br/>           A supplemental identification which provides more information complementary to the main article number provided in the LIN segment, e.g., a batch number, promotional variant number, product group number, etc.<br/>           An alternative identification which may be used instead of the main article number provided in the LIN segment, e.g., a buyers article number, an HIBC code, etc.,<br/>           2 - Identification for substitution - To provide the article number of a product which can substitute the product identified by the article number provided in the LIN segment when the latter is temporarily unavailable, e.g., a similar or identical product coded with a different GTIN (article coded in a different country), a different size unit of the same product, a similar product with for example a different brand name.<br/>           5 - Product Identification - To provide the primary product identification code when no GTIN has been provided in the LIN segment.<br/>           X1 - No substitution accepted - The buyer will not accept any other product code than the one specified in the LIN segment. The code specified in the LIN segment is repeated in the PIA segment to confirm the only code acceptable.</p> |
| C212   | ITEM NUMBER 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> | <p>AC = <b>HIBC (Health Industry Bar Code)</b><br/>           HS = <b>Harmonised system</b><br/>           IB = <b>ISBN (International Standard Book Number)</b><br/>           IN = <b>Buyer's item number</b><br/>           PV = <b>Promotional variant number</b><br/>           SA = <b>Supplier's article number</b><br/>           SRV = <b>GS1 Global Trade Item Number</b></p> |  |
| 1131   | Code list identification code        | C an..17   | <b>O</b> |   |  |

### 5. Segments Layout

Segment number: 17

|      |                                   | EDIFACT  | GS1      | * | Description  |
|------|-----------------------------------|----------|----------|---|--|
| 3055 | Code list responsible agency code | C an..3  | <b>D</b> |   | 9 = <b>GS1</b><br>91 = Assigned by supplier or supplier's agent<br>92 = Assigned by buyer or buyer's agent |
| C212 | ITEM NUMBER 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 code | C an..3  | <b>D</b> |   |  |
| C212 | ITEM NUMBER 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 code | C an..3  | <b>D</b> |   |  |
| C212 | ITEM NUMBER 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 code | C an..3  | <b>D</b> |   |  |
| C212 | ITEM NUMBER 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 code | C an..3  | <b>D</b> |   |  |

## 5. Segments Layout

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### Segment Notes:

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

#### Example:

PIA+1+TC56332:IN'

In this example the PIA segment is used to provide an additional identification to the article number provided in the LIN segment. The GTIN 541234511115 provided in the LIN segment refers to the internal buyer's part number TC56332.

PIA+2+4000862141664:SRV'

In this example the PIA segment is used to provide an article number identification for substitution. The product identified in the LIN segment by the GTIN 541234511115 can be substituted by the product identified in the PIA segment by the GTIN 4000862141664 in case the former is not available.

PIA+5+2209953C001L:AC'

This example details the HIBC code 2209953C001L which is provided as the primary product code because no

## 5. Segments Layout

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Segment number: 17

GTIN was provided in the LIN segment.

PIA+X1+541234511115:SRV'

This example details the situation where the buyer explicitly specifies that no other product is acceptable but the one specified in the LIN segment. The PIA re-specifies the product code from the LIN segment.

## 5. Segments Layout

Segment number: 18

| <b>SG6</b>   | - C                               | 9999 - GIS-SG7-SG12                                    |          |             |  |
|--|-----------------------------------|--|----------|-------------|--|
| <b>SG12</b>  | - C                               | 9999 - LIN-PIA-IMD-MEA-LOC-DTM-FTX-SG13-SG17-SG20-SG22 |          |             |  |
| <b>IMD</b>   | - C                               | 10 - Item description                                  |          |             |  |
| Function:  |                                   |  |          |             |  |
| To describe an item in either an industry or free format.  |                                   |  |          |             |  |
|  | EDIFACT                           | GS1  | *        | Description |  |
| 7077   | Description format code           | C an..3  | <b>R</b> | *           | C = Code (from industry code list)<br>F = Free-form<br>S = Structured (from industry code list)<br>B = Code and text   |
| C272   | ITEM CHARACTERISTIC               | C  | <b>O</b> |             |  |
| 7081   | Item characteristic 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> | *           | 9 = <b>GS1</b><br>Must be used if DE7081 contains an GS1 code.   |
| C273   | ITEM DESCRIPTION                  | C  | <b>A</b> |             |  |
| 7009   | Item description code             | C an..17   | <b>O</b> |             | CU = Consumer unit (GS1 Permanent Code)<br>DU = Despatch unit (GS1 Permanent Code)<br>TU = Traded unit (GS1 Permanent Code)<br>VQ = Variable quantity product (GS1 Permanent Code) |
| 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>91 = Assigned by supplier or supplier's agent<br>92 = Assigned by buyer or buyer's agent<br>83 = US, National Retail Federation                                  |
| 7008   | Item description                  | C an..256  | <b>O</b> |             |  |
| 7008   | Item description                  | C an..256  | <b>O</b> |             |  |
| 3453   | Language name code                | C an..3  | <b>O</b> |             |  |
| 7383   | Surface or layer code             | C an..3  | <b>N</b> |             |  |
| Segment Notes:   |                                   |  |          |             |  |
| This segment is used to describe the current line item.  |                                   |  |          |             |  |
| It is recommended that this segment only be used for coded descriptions. Data element 7008 in clear text should only be used when no product code is available or when free-form descriptions are required by trading partners. If you wish to indicate that promotional details are marked on the package, then this should be indicated in DE 7233 in the PAC segment. |                                   |  |          |             |  |
| Example:   |                                   |  |          |             |  |
| IMD+C++TU::9'  |                                   |  |          |             |  |
| IMD+F+++::CORN CRISPIES:CASE'  |                                   |  |          |             |  |



## 5. Segments Layout

Segment number: 19

| <b>SG6</b>   | - C                                | 9999 - GIS-SG7-SG12                                    |          |  |
|--|------------------------------------|--|----------|--|
| <b>SG12</b>  | - C                                | 9999 - LIN-PIA-IMD-MEA-LOC-DTM-FTX-SG13-SG17-SG20-SG22 |          |  |
| <b>MEA</b>   | - C                                | 5 - Measurements                                       |          |  |
| Function:  |                                    |  |          |  |
| To specify physical measurements, including dimension tolerances, weights and counts.                                    |                                    |  |          |  |
|  | EDIFACT                            | GS1  | *        | Description  |
| 6311   | Measurement purpose code qualifier | M an..3  | <b>M</b> | PD = <a href="#">Physical dimensions (product ordered)</a>   |
| C502   | MEASUREMENT DETAILS                | C  | <b>A</b> |  |
| 6313   | Measured attribute code            | C an..3  | <b>A</b> | DI = <a href="#">Diameter</a><br>DP = <a href="#">Depth</a><br>ID = <a href="#">Inside diameter</a><br>HT = <a href="#">Height dimension</a><br>LN = <a href="#">Length dimension</a><br>OD = <a href="#">Outside diameter</a><br>TH = <a href="#">Thickness</a> |
| 6321   | Measurement significance code      | C an..3  | <b>O</b> | 3 = <a href="#">Approximately</a><br>4 = <a href="#">Equal to</a>  |
| 6155   | Non-discrete measurement name code | C an..17   | <b>N</b> |  |
| 6154   | Non-discrete measurement name      | C an..70   | <b>N</b> |  |
| C174   | VALUE/RANGE                        | C  | <b>R</b> |  |
| 6411   | Measurement unit code              | M an..3  | <b>M</b> | CMT = <a href="#">centimetre</a><br>FOT = <a href="#">foot</a><br>MMT = <a href="#">millimetre</a><br>MTK = <a href="#">square metre</a><br>MTR = <a href="#">metre</a><br>YRD = <a href="#">yard</a>  |
| 6314   | Measurement value                  | C an..18   | <b>O</b> |  |
| 6162   | Range minimum value                | C n..18  | <b>O</b> |  |
| 6152   | Range maximum value                | C n..18  | <b>O</b> |  |
| 6432   | Significant digits quantity        | C n..2   | <b>N</b> |  |
| 7383   | Surface or layer code              | C an..3  | <b>N</b> |  |
| Segment Notes:   |                                    |  |          |  |
| This segment is used to specify the actual physical dimensions of the product being sold in variable lengths or volumes. |                                    |  |          |  |
| This segment may be used in conjunction with the LIN segment for the precise identification of the ordered product.      |                                    |  |          |  |
| Example:   |                                    |  |          |  |
| MEA+PD+LN:4+MTR:4.5'   |                                    |  |          |  |
| The precise length of the product identified by the GTIN 5412345111115 is 4.5 metres.                                    |                                    |  |          |  |

## 5. Segments Layout

Segment number: 20

| <b>SG6</b>  | - C                                    | 9999 - GIS-SG7-SG12                                    |          |  |
|---|--|--|----------|--|
| <b>SG12</b>   | - C                                    | 9999 - LIN-PIA-IMD-MEA-LOC-DTM-FTX-SG13-SG17-SG20-SG22 |          |  |
| <b>LOC</b>  | - C                                    | 999 - 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> | 159 = <a href="#">Additional internal destination</a><br>184 = <a href="#">Physical location</a> |
| C517  | LOCATION IDENTIFICATION                | C  | <b>C</b> |  |
| 3225  | Location name code                     | C an..25   | <b>C</b> |  |
| 1131  | Code list identification code          | C an..17   | <b>N</b> |  |
| 3055  | Code list responsible agency<br>code   | C an..3  | <b>N</b> |  |
| 3224  | Location name                          | C an..256  | <b>C</b> |  |
| C519  | RELATED LOCATION ONE<br>IDENTIFICATION | C  | <b>N</b> |  |
| 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  | <b>N</b> |  |
| 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  | <b>N</b> |  |
| Segment Notes:  |  |  |          |  |

### 5. Segments Layout

Segment number: 21

| <b>SG6</b>  | - C  | 9999 - GIS-SG7-SG12                                    |     |   |   |
|---|--|--|-----|---|---|
| <b>SG12</b>   | - C  | 9999 - LIN-PIA-IMD-MEA-LOC-DTM-FTX-SG13-SG17-SG20-SG22 |     |   |   |
| <b>DTM</b>  | - C  | 5 - 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   |   | 69 = Delivery date/time, promised for<br>273 = Validity period<br>748 = Open period |
| 2380  | Date or time or period value                   | C an..35   | R   |   |   |
| 2379  | Date or time or period format code             | C an..3  | R   |   |   |
| Segment Notes:<br>Date/time/period associated with the line item, such as the date of the engineering change. |  |  |     |   |   |

### 5. Segments Layout

Segment number: 22

| <b>SG6</b>   | - C                               | 9999 - GIS-SG7-SG12                                    |          |   |
|--|-----------------------------------|--|----------|---|
| <b>SG12</b>  | - C                               | 9999 - LIN-PIA-IMD-MEA-LOC-DTM-FTX-SG13-SG17-SG20-SG22 |          |   |
| <b>FTX</b>   | - C                               | 5 - 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> | PKG = <a href="#">Packaging information</a><br>PUR = <a href="#">Purchasing information</a><br>QQD = <a href="#">Quality demands/requirements</a><br>ZZZ = <a href="#">Mutually defined</a> |
| 4453   | Free text function code           | C an..3  | <b>O</b> | * 1 = <a href="#">Text for subsequent use</a>   |
| C107   | TEXT REFERENCE                    | C  | <b>D</b> | References to standard text.<br>This composite is only used when trading partners have agreed to use mutually defined code values.  |
| 4441   | Free text value code              | M an..17   | <b>M</b> | 001 = ...standard text...   |
| 1131   | Code list identification code     | C an..17   | <b>O</b> |   |
| 3055   | Code list responsible agency code | C an..3  | <b>D</b> | 91 = <a href="#">Assigned by supplier or supplier's agent</a><br>92 = <a href="#">Assigned by buyer or buyer's agent</a>  |
| C108   | TEXT LITERAL                      | C  | <b>D</b> | This composite is only used if coded text can not be used.  |
| 4440   | Free text value                   | M an..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 special requirements for the current line item.<br/>                     Use of this segment in free form is not recommended since it may inhibit automatic processing of the DELFOR.<br/>                     Coded references to standard texts is an available functionality which enables automatic processing and reduces transmission and processing overheads. Standard texts should be mutually defined among trading partners and can be used to cover legal and other requirements.</p> |                                   |  |          |   |
| <p>Example:<br/>                     FTX+ZZZ+1+001::92'</p>  |                                   |  |          |   |

## 5. Segments Layout

Segment number: 23

|             |     |  |
|-------------|-----|--|
| <b>SG6</b>  | - C | 9999 - GIS-SG7-SG12                                    |
| <b>SG12</b> | - C | 9999 - LIN-PIA-IMD-MEA-LOC-DTM-FTX-SG13-SG17-SG20-SG22 |
| <b>SG13</b> | - C | 10 - RFF-DTM   |
| <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> |
| 1154 Reference identifier         | C an..70 | R   |   |                                      |
| 1156 Document line identifier     | C an..6  | O   |   |                                      |
| 4000 Reference version identifier | C an..35 | N   |   |                                      |
| 1060 Revision identifier          | C an..6  | N   |   |                                      |

Segment Notes:  
 This segment is used to provide reference numbers which provide further identification of each line item in the delivery schedule.

Example:  
 RFF+CT:652744'

## 5. Segments Layout

Segment number: 24

|             |     |  |
|-------------|-----|--|
| <b>SG6</b>  | - C | 9999 - GIS-SG7-SG12                                    |
| <b>SG12</b> | - C | 9999 - LIN-PIA-IMD-MEA-LOC-DTM-FTX-SG13-SG17-SG20-SG22 |
| <b>SG13</b> | - C | 10 - RFF-DTM   |
| <b>DTM</b>  | - C | 1 - 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 | M an..3  | M | *           | 36 = Expiry date<br>171 = Reference date/time<br>194 = Start date/time<br>206 = End 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<br>718 = CCYYMMDD-CCYYMMDD                               |

Segment Notes:  
 This segment is used to indicate any dates associated with the references provided in the previous RFF segment.

Example:  
 DTM+171:20020115:102'

## 5. Segments Layout

Segment number: 25

|             |     |  |
|-------------|-----|--|
| <b>SG6</b>  | - C | 9999 - GIS-SG7-SG12                                    |
| <b>SG12</b> | - C | 9999 - LIN-PIA-IMD-MEA-LOC-DTM-FTX-SG13-SG17-SG20-SG22 |
| <b>SG17</b> | - C | 999 - SCC-SG18   |
| <b>SCC</b>  | - M | 1 - Scheduling conditions                              |

Function:  
 To specify scheduling conditions.

|  | EDIFACT | GS1      | * | Description  |
|--|---------|----------|---|--|
| 4017 Delivery plan commitment level code | M an..3 | <b>M</b> |   | 1 = Firm<br>4 = Planning/forecast<br>7 = Promotion<br>8 = Special demand<br>10 = Immediate<br>10E = Promised (GS1 Temporary Code)                            |
| 4493 Delivery instruction code           | C an..3 | <b>O</b> |   | DA = Do not deliver after<br>DB = Do not deliver before<br>DD = Deliver on date<br>P2 = Ship as soon as possible<br>SC = Ship complete order                 |
| C329 PATTERN DESCRIPTION                 | C       | <b>O</b> |   |  |
| 2013 Frequency code                      | C an..3 | <b>O</b> |   | M = Monthly (calendar months)<br>Q = Quarterly (calendar quarters)<br>W = Weekly<br>Y = Daily  |
| 2015 Despatch pattern code               | C an..3 | <b>O</b> |   | 10 = Monday through Friday<br>11 = Monday through Saturday<br>13 = Monday<br>14 = Tuesday<br>15 = Wednesday<br>16 = Thursday<br>17 = Friday<br>18 = Saturday |
| 2017 Despatch pattern timing code        | C an..3 | <b>O</b> |   | D = A.M.<br>E = P.M.<br>H = 24 hour clock  |

Segment Notes:  
 This segment is used to specify the type and status of the schedule being given, and optionally defining a pattern to be established, e.g., firm or proposed delivery schedule for a weekly pattern.

Example:  
 SCC+1+SC+W'

## 5. Segments Layout

Segment number: 26

| <b>SG6</b>   | - C                          | 9999 - GIS-SG7-SG12                                    |     |   |   |
|--|------------------------------|--|-----|---|---|
| <b>SG12</b>  | - C                          | 9999 - LIN-PIA-IMD-MEA-LOC-DTM-FTX-SG13-SG17-SG20-SG22 |     |   |   |
| <b>SG17</b>  | - C                          | 999 - SCC-SG18   |     |   |   |
| <b>SG18</b>  | - C                          | 999 - QTY-DTM  |     |   |   |
| <b>QTY</b>   | - M                          | 1 - Quantity   |     |   |   |
| Function:<br>To specify a pertinent quantity.  |                              |  |     |   |   |
|  |                              | EDIFACT  | GS1 | * | Description   |
| C186   | QUANTITY DETAILS             | M  | M   |   |   |
| 6063   | Quantity type code qualifier | Man..3   | M   | * | 26E = Forecast quantity (GS1 Temporary Code)<br>32E = Consolidated discount stock (GS1 Temporary Code)<br>52 = Quantity per pack<br>54 = Maximum order quantity<br>66 = Committed quantity<br>113 = Quantity to be delivered<br>247 = Additional promotion sales forecast quantity<br>248 = Reserved quantity |
| 6060   | Quantity                     | Man..35  | M   |   |   |
| 6411   | Measurement unit code        | C an..3  | D   |   | KGM = kilogram<br>This data element is only used if the product being scheduled for delivery is a variable quantity product.  |
| Segment Notes:<br>This segment is used to specify quantities related to the current SCC item.<br><br>Example:<br>QTY+113:4000' |                              |  |     |   |   |



### 5. Segments Layout

Segment number: 27

|             |     |  |
|-------------|-----|--|
| <b>SG6</b>  | - C | 9999 - GIS-SG7-SG12                                    |
| <b>SG12</b> | - C | 9999 - LIN-PIA-IMD-MEA-LOC-DTM-FTX-SG13-SG17-SG20-SG22 |
| <b>SG17</b> | - C | 999 - SCC-SG18   |
| <b>SG18</b> | - C | 999 - QTY-DTM  |
| <b>DTM</b>  | - C | 2 - 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 | M an..3  | M   | * | 2 = Delivery date/time, requested<br>61 = Cancel if not delivered by this date<br>63 = Delivery date/time, latest<br>64 = Delivery date/time, earliest<br>67 = Delivery date/time, current schedule<br>69 = Delivery date/time, promised for<br>157 = Validity start date<br>194 = Start date/time<br>206 = End date/time<br>266 = Validation date<br>362 = End availability date<br>419 = Forecast period |
| 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>718 = CCYYMMDD-CCYYMMDD  |

Segment Notes:  
 This segment is used to provide dates and times relating to the quantity and schedule details in the SCC/QTY segments. This segment may indicate date/time ranges, e.g., the start and end date for a delivery pattern, etc.

Example:  
 DTM+67:200201221400:203'

## 5. Segments Layout

Segment number: 28

| <b>SG6</b>  | - C  | 9999 - GIS-SG7-SG12                                    |     |   |  |
|---|--|--|-----|---|--|
| <b>SG12</b>   | - C  | 9999 - LIN-PIA-IMD-MEA-LOC-DTM-FTX-SG13-SG17-SG20-SG22 |     |   |  |
| <b>SG20</b>   | - C  | 99 - PAC   |     |   |  |
| <b>PAC</b>  | - M  | 1 - Package  |     |   |  |
| Function:   |  |  |     |   |  |
| To describe the number and type of packages/physical units. |  |  |     |   |  |
|   |  | EDIFACT  | GS1 | * | Description  |
| 7224  | Package quantity                                       | C n..8   | O   |   |  |
| C531  | PACKAGING DETAILS                                      | C  | A   |   |  |
| 7075  | Packaging level code                                   | C an..3  | N   |   |  |
| 7233  | Packaging related description code                     | C an..3  | O   |   | 50 = Package barcoded EAN-13 or EAN-8<br>51 = Package barcoded ITF-14<br>52 = Package barcoded UCC or EAN-128  |
| 7073  | Packaging terms and conditions code                    | C an..3  | O   |   | 1 = Packaging cost paid by supplier<br>2 = Packaging cost paid by recipient<br>3 = Packaging cost not charged (returnable)<br>24 = Rented<br>25 = Safe return deposit<br>26 = Not reusable<br>27 = Package exchangeable at the point of delivery |
| C202  | PACKAGE TYPE   | C  | O   |   |  |
| 7065  | Package type description code                          | C an..17   | A   |   | 09 = Returnable pallet (GS1 Temporary Code)<br>201 = Pallet ISO 1 - 1/1 EURO Pallet (GS1 Temporary Code)<br>CS =<br>PK =<br>SL =   |
| 1131  | Code list identification code                          | C an..17   | O   |   |  |
| 3055  | Code list responsible agency code                      | C an..3  | D   |   | 9 = GS1  |
| 7064  | Type of packages                                       | C an..35   | O   |   |  |
| C402  | PACKAGE TYPE IDENTIFICATION                            | C  | N   |   |  |
| 7077  | Description format code                                | Man..3   |     |   |  |
| 7064  | Type of packages                                       | Man..35  |     |   |  |
| 7143  | Item type identification code                          | C an..3  |     |   |  |
| 7064  | Type of packages                                       | C an..35   |     |   |  |
| 7143  | Item type identification code                          | C an..3  |     |   |  |
| C532  | RETURNABLE PACKAGE DETAILS                             | C  | D   |   | Composite C532 is only used where the packaging being described is returnable. This composite identifies who is responsible for the payment of its return.   |
| 8395  | Returnable package freight payment responsibility code | C an..3  | O   |   | 1 = Paid by customer<br>2 = Free<br>3 = Paid by supplier   |

## 5. Segments Layout

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|  |  |   |  |
|--|--|---|--|
|  |  | N |  |
|--|--|---|--|

## 5. Segments Layout

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Segment number: 28

|  | EDIFACT | GS1 | * | Description |
|--|---------|-----|---|-------------|
| 8393 Returnable package load contents code | C an..3 |     |   |             |

**Segment Notes:**

This segment is used to provide packaging details for the current line item.

**Example:**

PAC+4+:52+201::9'

Applying this example to the first line item, the instruction is to pack 4 pallets of 1000 items each marked with GS1-128 labels.

## 5. Segments Layout

Segment number: 29

| <b>SG6</b>   | - C   | 9999 - GIS-SG7-SG12                                    |   |             |   |
|--|---|--|---|-------------|---|
| <b>SG12</b>  | - C   | 9999 - LIN-PIA-IMD-MEA-LOC-DTM-FTX-SG13-SG17-SG20-SG22 |   |             |   |
| <b>SG22</b>  | - C   | 999 - 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 | *           | DP = <b>Delivery party</b>  |
| C082   | PARTY IDENTIFICATION DETAILS                    | C  | A |             |   |
| 3039   | Party identifier                                | M an..35   | M |             | 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                    | M an..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                                      | M an..35   | M |             | Party name, 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 | M an..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 name, 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 |             | 23 = <b>Clearing house automated payment</b>  |
| 3055   | Code list responsible agency                    | C an..3  | C |             | 2 = <b>CEC (Commission of the European</b>  |

## 5. Segments Layout

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Segment number: 29

|                                 | EDIFACT  | GS1      | * | Description                   |
|---------------------------------|----------|----------|---|-------------------------------|
| code                            |          |          |   | <a href="#">Communities</a> ) |
| 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 the delivery points for the current line item.

**Example:**

NAD+DP+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: 30

| <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 number 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+38+ME000001'   |                                 |          |          |   |   |

## EANCOM® 2002 S4 Part II The Messages

DELFOR Delivery schedule response message

### 6. Examples

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#### *Example of a Location Driven Delivery Schedule*

The following is an example of a location driven delivery schedule message. The message is sent by the buyer identified by GLN 5412345000013 to a supplier identified by GLN 4012345500004. The date of the message is the 10th of January 2002

The delivery is requested for the 20th of January 2002 at 12:30pm. Delivery is requested for two delivery parties identified with both the delivery parties receiving the deliveries by road using trucks.

The first delivery location is identified by GLN 5412345000013 and requests a delivery of 4000 units of the product identified by GTIN 5412345111115.

The second delivery location is identified by GLN 5412345000020. The product for delivery is identified by GTIN 5412345123453 and is requesting 8800 units of the product.

|                                      |   |
|--------------------------------------|---|
| UNH+ME000001+DELFOR:D:01B:UN:EAN004' | Message header  |
| BGM+241+LDS562+9'                    | Delivery schedule number LDS562   |
| DTM+137:20020110:102'                | Document date 10 <sup>th</sup> of January 2002                                |
| DTM+2:200201401230:203'              | Requested delivery date is at 12:30pm on the 20 <sup>th</sup> of January 2002 |
| NAD+BY+5412345000013::9'             | The buyer is identified by GLN 5412345000013                                  |
| NAD+SU+4012345500004::9'             | The supplier is identified by GLN 4012345500004                               |
| GIS+94'                              | Location driven delivery schedule   |
| NAD+DP+5412345000013::9'             | Delivery party is identified by GLN 5412345000013                             |
| TDT+20++30+31'                       | The main carriage transport to be used will be a truck                        |
| LIN+1++5412345111115:SRV'            | The first product in the schedule is identified by GTIN 5412345111115         |
| SCC+1'                               | Firm schedule   |
| QTY+113:4000'                        | The quantity to be delivered is 4000 units                                    |
| GIS+94'                              | Location driven delivery schedule   |
| NAD+DP+5412345000020::9'             | Delivery party is identified by GLN 5412345000020                             |
| TDT+20++30+31'                       | The main carriage transport to be used will be a truck                        |
| LIN+2++5412345123453:SRV'            | The second product in the schedule is identified by GTIN 5412345123453        |
| SCC+1'                               | Firm schedule   |
| QTY+113:8800'                        | The quantity to be delivered is 8800 units                                    |
| UNT+19+ME000001'                     | Total of 19 segments in the message   |



## EANCOM® 2002 S4 Part II The Messages

DELFOR Delivery schedule response message

### 6. Examples

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#### Example of a Product Driven Delivery Schedule

The following is an example of a product driven delivery schedule message. The message is sent by the buyer identified by GLN 5412345000013 to a supplier identified by GLN 4012345500004. The date of the message is the 10th of January 2002. The message is sent as a confirmation to previously agreed schedule sent by means other than EDI. No acknowledgment is required for the transmission.

The delivery is requested for the 20th of January 2002 at 12:30pm. Delivery is requested for one product to two delivery parties.

The product identified by GTIN 5412345111115. The delivery locations are identified by GLNs 5412345000051 and 5412345000068 and requests a delivery of 350 units to each delivery location.

|                                      |   |
|--------------------------------------|---|
| UNH+ME000011+DELFOR:D:01B:UN:EAN004' | Message header  |
| BGM+241+PDS416+42+NA'                | Delivery schedule number PDS416 is a confirmation of a schedule sent previously by means other than EDI. No acknowledgment to the message is needed |
| DTM+137:20020110:102'                | Message date is the 10 <sup>th</sup> of January 2002  |
| DTM+2:200201401230:203'              | Delivery is requested for 12:30pm on the 20 <sup>th</sup> of January 2002   |
| NAD+BY+5412345000013::9'             | The buyer is identified by GLN 5412345000013  |
| NAD+SU+4012345500004::9'             | The supplier is identified by GLN 4012345500004   |
| GIS+95'                              | Product driven delivery schedule  |
| LIN+1++5412345111115:SRV'            | The first line item in the schedule is identified by GTIN 5412345111115   |
| SCC+1'                               | Firm schedule   |
| QTY+113:700'                         | Total quantity to be delivered is 700 units   |
| NAD+DP+5412345000051::9'             | First delivery party is identified by GLN 5412345000051   |
| SCC+1'                               | Firm schedule   |
| QTY+113:350'                         | Quantity to be delivered is 350 units   |
| NAD+DP+5412345000068::9'             | Second delivery party is identified by GLN 5412345000068  |
| SCC+1'                               | Firm schedule   |
| QTY+113:350'                         | Quantity to be delivered is 350 units   |
| UNT+17+ME000011'                     | Total number of 17 segments in the message  |

#### Example of a Product Driven Delivery Schedule Response

The following is an example of a product driven delivery schedule response message. The message is sent by the supplier identified by GLN 4012345500004 to the buyer identified by GLN 5412345000013. The date of the message is the 12th of January 2002.

The message accepts the previously sent product driven delivery schedule message identified by the number PDS416 sent the 10th of January of 2002. As the previous message is accepted only the mandatory segments, the

## EANCOM® 2002 S4 Part II The Messages

**DELFOR** Delivery schedule response message

### 6. Examples

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identification of the schedule being accepted, and the parties needs to be communicated.

|                                      |   |
|--------------------------------------|---|
| UNH+ME000032+DELFOR:D:01B:UN:EAN004' | Message header  |
| BGM+291+ PDRS216+29'                 | Delivery schedule response number PDRS216 indicates that the previous message has been accepted without amendment |
| DTM+137:20020112:102'                | Message date is the 12th of January 2002  |
| RFF+AAN:PDS416'                      | Reference to delivery schedule being accepted number PDS416   |
| DTM+171:20020110:102'                | Date of delivery schedule being accepted is the 10th of January 2002  |
| NAD+BY+5412345000013::9'             | The buyer is identified by GLN 5412345000013  |
| NAD+SU+4012345500004::9'             | The supplier is identified by GLN 4012345500004   |
| UNT+8+ME000032'                      | Total number of segments in the message equals 8  |

Note:

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