

# **EANCOM<sup>®</sup> 2002 S4**

## **Service Segments**

### **Edition 2016**

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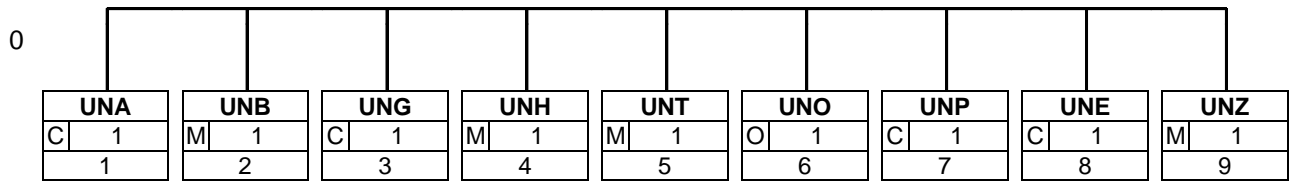
## 2. Message Structure Chart

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|     |   |   |   |                         |
|-----|---|---|---|-------------------------|
| UNA | 1 | C | 1 | - Service string advice |
| UNB | 2 | M | 1 | - Interchange header    |
| UNG | 3 | C | 1 | - Group header          |
| UNH | 4 | M | 1 | - Message header        |
| UNT | 5 | M | 1 | - Message trailer       |
| UNO | 6 | O | 1 | - Object header         |
| UNP | 7 | C | 1 | - Object trailer        |
| UNE | 8 | C | 1 | - Group trailer         |
| UNZ | 9 | M | 1 | - Interchange trailer   |

### 3. Branching Diagram

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#### 4. Segments Description

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|           |  |
|-----------|--|
| UNA - C 1 | - Service string advice  |
|           | This segment is used to inform the receiver of the interchange that a set of service string characters which are different to the default characters are being used.   |
| UNB - M 1 | - Interchange header   |
|           | This segment is used to envelope the interchange, as well as to identify both, the party to whom the interchange is sent and the party who has sent the interchange. The principle of the UNB segment is the same as a physical envelope which covers one or more letters or documents, and which details, both the address where delivery is to take place and the address from where the envelope has come.  |
| UNG - C 1 | - Group header   |
|           | Within EANCOM® the use of the UNG..UNE segments should not be used for grouping of multiple message types in the same interchange as this is not considered good practice. However, they can be used by organisations to create their own identifiable application level envelopes, which can be addressed from the originating department to a department in the recipient's system, e.g. to group multiple issuers in one transmission file with invoices. |
| UNH - M 1 | - Message header   |
| UNT - M 1 | - Message trailer  |
| UNO - O 1 | - Object header  |
|           | The digital certificate will be attached using PKCS#7 format because it allows including more than one digital certificate (User Certificate and the Certification Chain). This file will be filtered using EDC or Hexadecimal filter. Once the file is filtered, the total number of bytes of the object to be attached will be obtained and detailed in DE0810.  |
| UNP - C 1 | - Object trailer   |
|           | This is segment used to check the completeness of an object and to end it.   |
| UNE - C 1 | - Group trailer  |
|           | Within EANCOM® the use of the UNG..UNE segments should not be used for grouping of multiple message types in the same interchange as this is not considered good practice. However, they can be used by organisations to create their own identifiable application level envelopes, which can be addressed from the originating department to a department in the recipient's system, e.g. to group multiple issuers in one transmission file with invoices. |
| UNZ - M 1 | - Interchange trailer  |
|           | This segment is used to provide the trailer of an interchange.   |

## 5. Segments Layout

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The segments are presented in the sequence in which they appear in the interchange. 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 segment.

- 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

| UNA - C 1 - Service string advice   |                                  | EDIFACT | GS1 | * | Description  |
|---|----------------------------------|---------|-----|---|--|
| <p>Function:</p> <p>The service string advice shall begin with the upper case characters UNA immediately followed by six characters in the order shown below. The space character shall not be used in positions 010, 020, 040, 050 or 060. The same character shall not be used in more than one position of the UNA.</p>  |                                  |         |     |   |  |
| UNA1  | Component data element separator | M an1   | M   | * | Used as a separator between component data elements contained within a composite data element (default value: ":") |
| UNA2  | Data element separator           | M an1   | M   | * | Used to separate two simple or composite data elements (default value: "+" )                                       |
| UNA3  | Decimal mark                     | M an1   | M   | * | Used to indicate the character used for decimal notation (default value:".")                                       |
| UNA4  | Release character                | M an1   | M   | * | Used to restore any service character to its original specification (value: "?").                                  |
| UNA5  | Repetition separator             | M an1   | M   | * | Used to indicate the character used for repetition separation (value: " * " ).                                     |
| UNA6  | Segment terminator               | M an1   | M   | * | Used to indicate the end of segment data (default value: " ' ")  |
| <p>Segment Notes:</p> <p>This segment is used to inform the receiver of the interchange that a set of service string characters which are different to the default characters are being used.</p> <p>When using the default set of service characters, the UNA segment need not be sent. If it is sent, it must immediately precede the UNB segment and contain the four service string characters (positions UNA1, UNA2, UNA4 and UNA6) selected by the interchange sender.</p> <p>Regardless of whether or not all of the service string characters are being changed every data element within this segment must be filled, (i.e., if some default values are being used with user defined ones, both the default and user defined values must be specified).</p> <p>When expressing the service string characters in the UNA segment, it is not necessary to include any element separators.</p> <p>The use of the UNA segment is required when using a character set other than level A.</p> <p>UNA:+.?*</p> |                                  |         |     |   |  |

### 5. Segments Layout

Segment number: 2

| UNB - M 1 - Interchange header  |   | EDIFACT  | GS1 | * | Description  |
|---|---|----------|-----|---|--|
| Function:<br>To identify an interchange.  |   |          |     |   |  |
| Notes:<br>1. S001/0002, shall be '4' to indicate this version of the syntax.<br>2. The combination of the values carried in data elements S002, S003 and 0020 shall be used to identify uniquely the interchange, for the purpose of acknowledgement. |   |          |     |   |  |
| S001  | SYNTAX IDENTIFIER                                 | M        | M   |   | See Part I chapter 5.2.7 and segment notes.  |
| 0001  | Syntax identifier                                 | Ma4      | M   | * | UNOA = UN/ECE level A<br>UNOB = UN/ECE level B<br>UNOC = UN/ECE level C<br>UNOD = UN/ECE level D<br>UNOE = UN/ECE level E<br>UNOF = UN/ECE level F<br>UNOG = UN/ECE level G<br>UNOH = UN/ECE level H<br>UNOI = UN/ECE level I<br>UNOJ = UN/ECE level J<br>UNOK = UN/ECE level K<br>UNOW = UN/ECE level W<br>UNOX = UN/ECE level X<br>UNOY = UN/ECE level Y |
| 0002  | Syntax version number                             | Man1     | M   | * | 4 = Version 4  |
| 0080  | Service code list directory version number        | C an..6  | N   |   |  |
| 0133  | Character encoding, coded                         | C an..3  | N   |   |  |
| S002  | INTERCHANGE SENDER                                | M        | M   |   |  |
| 0004  | Interchange sender identification                 | Man..35  | M   |   | GLN (n13)  |
| 0007  | Identification code qualifier                     | C an..4  | R   | * | 14 = GS1   |
| 0008  | Interchange sender internal identification        | C an..35 | O   |   |  |
| 0042  | Interchange sender internal sub-identification    | C an..35 | N   |   |  |
| S003  | INTERCHANGE RECIPIENT                             | M        | M   |   |  |
| 0010  | Interchange recipient identification              | Man..35  | M   |   | GLN (n13)  |
| 0007  | Identification code qualifier                     | C an..4  | R   | * | 14 = GS1   |
| 0014  | Interchange recipient internal identification     | C an..35 | O   |   |  |
| 0046  | Interchange recipient internal sub-identification | C an..35 | N   |   |  |
| S004  | DATE AND TIME OF PREPARATION                      | M        | M   |   |  |
| 0017  | Date  | Mn8      | M   |   | CCYYMMDD   |
| 0019  | Time  | Mn4      | M   |   | HHMM   |
| 0020  | Interchange control reference                     | M an..14 | M   |   | Unique reference identifying the interchange. Created  |

## 5. Segments Layout

Segment number: 2

|      |   | EDIFACT  | GS1 | * | Description  |
|------|---|----------|-----|---|--|
|      |   |          |     |   | by the interchange sender.   |
| S005 | RECIPIENT REFERENCE/<br>PASSWORD DETAILS  | C        | O   |   |  |
| 0022 | Recipient reference/password              | Man..14  | M   |   |  |
| 0025 | Recipient reference/password<br>qualifier | C an2    | O   |   |  |
| 0026 | Application reference                     | C an..14 | O   |   | Message identification if the interchange contains only one type of message. |
| 0029 | Processing priority code                  | C a1     | O   |   | A = <b>Highest priority</b>  |
| 0031 | Acknowledgement request                   | C n1     | O   |   | 1 = <b>Requested</b>   |
| 0032 | Interchange agreement<br>identifier       | C an..35 | O   | * | EANCOM.....  |
| 0035 | Test indicator                            | C n1     | O   |   | 1 = <b>Interchange is a test</b>   |

### Segment Notes:

This segment is used to envelope the interchange, as well as to identify both, the party to whom the interchange is sent and the party who has sent the interchange. The principle of the UNB segment is the same as a physical envelope which covers one or more letters or documents, and which details, both the address where delivery is to take place and the address from where the envelope has come.

S001: The character encoding specified in basic code table of ISO/IEC 646 (7-bit coded character set for information interchange) shall be used for the interchange service string advice (if used) and up to and including the composite data element S001 'Syntax identifier' in the interchange header. The character repertoire used for the characters in an interchange shall be identified from the code value of data element 0001 in S001 'Syntax identifier' in the interchange header. The character repertoire identified does not apply to objects and/or encrypted data.

The default encoding technique for a particular repertoire shall be the encoding technique defined by its associated character set specification.

DE 0001: The recommended (default) character set for use in EANCOM® for international exchanges is character set A (UNOA). Should users wish to use character sets other than A, an agreement on which set to use should be reached on a bilateral basis before communications begin.

DE 0004, 0008, 0010 and 0014: Within EANCOM® the use of the Global Location Number (GLN) is recommended for the identification of the interchange sender and recipient.

DE 0008: Identification (e.g. a division) specified by the sender of the interchange, to be included if agreed, by the recipient in response interchanges, to facilitate internal routing.

DE 0014: The address for routing, provided beforehand by the interchange recipient, is used by the interchange sender to inform the recipient of the internal address, within the latter's systems, to which the interchange should be routed. It is recommended that the GLN be used for this purpose.

DE 0007: Identification (e.g. a division) specified by the recipient of the interchange, to be included if agreed, by the sender in response interchanges, to facilitate internal routing.

DE S004: The date and time specified in this composite should be the date and time at which the interchange sender prepared the interchange. This date and time may not necessarily be the same as the date and time of contained messages.

DE 0020: The interchange control reference number is generated by the interchange sender and is used to identify uniquely each interchange. Should the interchange sender wish to re-use interchange control reference numbers, it is recommended that each number be preserved for at least a period of three months before being re-used. In order to guarantee uniqueness, the interchange control reference number should always be linked to the interchange sender's identification (DE 0004).

DE S005: The use of passwords must first be agreed bilaterally by the parties exchanging the interchange.

DE 0026: This data element is used to identify the application, on the interchange recipient's system, to which the interchange is directed. This data element may only be used if the interchange contains only one type of message, (e.g. only invoices). The reference used in this data element is assigned by the interchange sender.

DE 0031: This data element is used to indicate whether an acknowledgement to the interchange is required. The EANCOM® APERAK or CONTRL message should be used to provide acknowledgement of interchange receipt. In addition, the EANCOM® CONTRL message may be used to indicate when an interchange has been rejected



## 5. Segments Layout

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Segment number: 2

due to syntax errors.

DE 0032: This data element is used to identify any underlying agreements which control the exchange of data. Within EANCOM®, the identity of such agreements must start with the letters 'EANCOM', the remaining characters within the data element being filled according to bilateral agreements.

UNB+UNOC:4+5412345678908:14+8798765432106:14+20020102:1000+12345555+++++EANCOMREF 52'

### 5. Segments Layout

Segment number: 3

| UNG - C 1 - Group header  |                                      | EDIFACT  | GS1 | * | Description  |
|---|--------------------------------------|----------|-----|---|--|
| <p>Function:</p> <p>To head, identify and specify a group of messages and/or packages, which may be used for internal routing and which may contain one or more message types and/or packages.</p> <p>Dependency Notes:</p> <p>1. D2(010,060,070) All or none</p> <p>Notes:</p> <p>2. This data element is only used if the following conditions apply:</p> <p>i) the group contains messages only, and</p> <p>ii) the messages are of a single message type.</p> <p>3. S004, if S004 is not present in UNG, the date and time of preparation is the same as indicated for the interchange in S004 in UNB.</p> <p>4. This data element will be deleted from the UNG segment in the next version of the standard. Therefore its use in UNG is not recommended.</p> <p>5. The combination of the values carried in data elements S006, S007 and 0048 shall be used to identify uniquely the group within its interchange, for the purpose of acknowledgement.</p> |                                      |          |     |   |  |
| 0038  | Message group identification         | C an..6  | C   |   | Identification of a message contained in the functional group, e.g. INVOIC.                  |
| S006  | APPLICATION SENDER IDENTIFICATION    | C        | C   |   |  |
| 0040  | Application sender identification    | Man..35  | M   |   | GLN (n13)  |
| 0007  | Identification code qualifier        | C an..4  | R   | * | 14 = <b>GS1</b>  |
| S007  | APPLICATION RECIPIENT IDENTIFICATION | C        | C   |   |  |
| 0044  | Application recipient identification | Man..35  | M   |   | GLN (n13)  |
| 0007  | Identification code qualifier        | C an..4  | R   | * | 14 = <b>GS1</b>  |
| S004  | DATE AND TIME OF PREPARATION         | C        | C   |   |  |
| 0017  | Date                                 | M n8     | M   |   | CCYYMMDD   |
| 0019  | Time                                 | M n4     | M   |   | HHMM   |
| 0048  | Group reference number               | M an..14 | M   |   | Unique reference identifying the functional group. Created by the interchange sender.        |
| 0051  | Controlling agency, coded            | C an..3  | C   | * | UN = <b>UN/CEFACT</b>  |
| S008  | MESSAGE VERSION                      | C        | C   |   |  |
| 0052  | Message version number               | Man..3   | M   | * | D = <b>Draft version/UN/EDIFACT Directory</b>  |
| 0054  | Message release number               | Man..3   | M   | * | The value of this data element depends on the message type.<br>01B = <b>Release 2001 - B</b> |
| 0057  | Association assigned code            | C an..6  | R   |   | The value of this data element depends on the message type.                                  |
| 0058  | Application password                 | C an..14 | D   |   | The use of this data element depends on agreements between the trading partners.             |
| <p>Segment Notes:</p> <p>Within EANCOM® the use of the UNG..UNE segments should not be used for grouping of multiple message</p>  |                                      |          |     |   |  |

## 5. Segments Layout

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Segment number: 3

types in the same interchange as this is not considered good practice. However, they can be used by organisations to create their own identifiable application level envelopes, which can be addressed from the originating department to a department in the recipient's system, e.g. to group multiple issuers in one transmission file with invoices.

UNG+INVOIC+5412345678908:14+8798765432106:14+20020102:1000+471123+UN+D:01B:EAN010'

## 5. Segments Layout

Segment number: 4

| UNH - M 1 - Message header  |   | EDIFACT  | GS1 | * | Description |
|---|---|----------|-----|---|-------------|
| Function:<br>To head, identify and specify a message.   |   |          |     |   |             |
| Notes:<br>1. Data element S009/0057 is retained for upward compatibility. The use of S016 and/or S017 is encouraged in preference.<br>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. |   |          |     |   |             |
| 0062  | Message reference number                        | M an..14 | M   |   |             |
| S009  | MESSAGE IDENTIFIER                              | M        | M   |   |             |
| 0065  | Message type                                    | M an..6  | M   |   |             |
| 0052  | Message version number                          | M an..3  | M   |   |             |
| 0054  | Message release number                          | M an..3  | M   |   |             |
| 0051  | Controlling agency, coded                       | M an..3  | M   |   |             |
| 0057  | Association assigned code                       | C an..6  | C   |   |             |
| 0110  | Code list directory version number              | C an..6  | C   |   |             |
| 0113  | Message type sub-function identification        | C an..6  | C   |   |             |
| 0068  | Common access reference                         | C an..35 | C   |   |             |
| S010  | STATUS OF THE TRANSFER                          | C        | C   |   |             |
| 0070  | Sequence of transfers                           | M n..2   | M   |   |             |
| 0073  | First and last transfer                         | C a1     | C   |   |             |
| S016  | MESSAGE SUBSET IDENTIFICATION                   | C        | C   |   |             |
| 0115  | Message subset identification                   | M an..14 | M   |   |             |
| 0116  | Message subset version number                   | C an..3  | C   |   |             |
| 0118  | Message subset release number                   | C an..3  | C   |   |             |
| 0051  | Controlling agency, coded                       | C an..3  | C   |   |             |
| S017  | MESSAGE IMPLEMENTATION GUIDELINE IDENTIFICATION | C        | C   |   |             |
| 0121  | Message implementation guideline identification | M an..14 | M   |   |             |
| 0122  | Message implementation guideline version number | C an..3  | C   |   |             |
| 0124  | Message implementation guideline release number | C an..3  | C   |   |             |
| 0051  | Controlling agency, coded                       | C an..3  | C   |   |             |
| S018  | SCENARIO IDENTIFICATION                         | C        | C   |   |             |
| 0127  | Scenario identification                         | M an..14 | M   |   |             |
| 0128  | Scenario version number                         | C an..3  | C   |   |             |

**5. Segments Layout**

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Segment number: 4

|      |                           | EDIFACT | GS1 | * | Description |
|------|---------------------------|---------|-----|---|-------------|
| 0130 | Scenario release number   | C an..3 | C   |   |             |
| 0051 | Controlling agency, coded | C an..3 | C   |   |             |

Segment Notes:

## 5. Segments Layout

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Segment number: 5

| <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> |   |             |
| 0062   | Message reference number        | M an..14 | <b>M</b> |   |             |
| Segment Notes:   |                                 |          |          |   |             |

### 5. Segments Layout

Segment number: 6

| UNO - O 1 - Object header  |                                      |           |     |   |   |
|--|--------------------------------------|-----------|-----|---|---|
| Function:<br>To head, identify and specify an object.  |                                      |           |     |   |   |
| Notes:<br>1. The value in 0800 shall be unique within the interchange (except for a duplicate transfer).<br>2. One mandatory occurrence of S020 shall identify the Object Identification Number.<br>3. One occurrence of S021 is mandatory and shall be used for file format identification.<br>4. Data elements S302, S301, S300 and 0035 are for interactive EDI use only:<br>- The value(s) in S302 shall be identical to the value(s) in S302 in the preceding UIB.<br>- 0035, when used, test applies to the message or package only. |                                      |           |     |   |   |
|  |                                      | EDIFACT   | GS1 | * | Description   |
| 0800   | Package reference number             | M an..35  | M   |   | Unique package reference number assigned by the sender  |
| S020   | REFERENCE IDENTIFICATION             | M         | M   |   |   |
| 0813   | Reference qualifier                  | M an..3   | M   |   | 1 = Object identification number  |
| 0802   | Reference identification number      | M an..35  | M   |   | Reference number to identify a group which relates to the object.   |
| S021   | OBJECT TYPE IDENTIFICATION           | M         | M   |   |   |
| 0805   | Object type qualifier                | M an..3   | M   |   | 48 = Filter type  |
| 0809   | Object type attribute identification | C an..256 | C   |   | EDA = UN/EDIFACT EDA filter (GS1 Permanent Code)<br>EDC = UN/EDIFACT EDC filter (GS1 Permanent Code)<br>HEX = Hexadecimal filter (GS1 Permanent Code) |
| 0808   | Object type attribute                | C an..256 | N   |   |   |
| 0051   | Controlling agency, coded            | C an..3   | N   |   |   |
| S022   | STATUS OF THE OBJECT                 | M         | M   |   |   |
| 0810   | Length of object in octets of bits   | M n..18   | M   |   | 62 =  |
| 0814   | Number of segments before object     | C n..3    | C   |   | PCKS7 =   |
| 0070   | Sequence of transfers                | C n..2    | N   |   |   |
| 0073   | First and last transfer              | C a1      | N   |   |   |
| S302   | DIALOGUE REFERENCE                   | C         | C   |   |   |
| 0300   | Initiator control reference          | M an..35  | M   |   | Length of the object attached in bytes  |
| 0303   | Initiator reference identification   | C an..35  | N   |   |   |
| 0051   | Controlling agency, coded            | C an..3   | N   |   |   |
| 0304   | Responder control reference          | C an..35  | N   |   |   |
| S301   | STATUS OF TRANSFER - INTERACTIVE     | C         | N   |   |   |
| 0320   | Sender sequence number               | C n..6    |     |   |   |
| 0323   | Transfer position, coded             | C a1      |     |   |   |
| 0325   | Duplicate Indicator                  | C a1      |     |   |   |

### 5. Segments Layout

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|                     |  |   |  |
|---------------------|--|---|--|
| DATE AND/OR TIME OF |  | N |  |
|---------------------|--|---|--|



### 5. Segments Layout

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Segment number: 6

|                     | EDIFACT  | GS1 | * | Description |
|---------------------|----------|-----|---|-------------|
| S300 INITIATION     | C        |     |   |             |
| 0338 Event date     | C n..8   |     |   |             |
| 0314 Event time     | C an..15 |     |   |             |
| 0336 Time offset    | C n4     |     |   |             |
| 0035 Test indicator | C n1     | N   |   |             |

Segment Notes:

The digital certificate will be attached using PKCS#7 format because it allows including more than one digital certificate (User Certificate and the Certification Chain). This file will be filtered using EDC or Hexadecimal filter. Once the file is filtered, the total number of bytes of the object to be attached will be obtained and detailed in DE0810.

UNO+OB000001+1:CER123+46:EDC\*62:PKCS7+1238'

## 5. Segments Layout

Segment number: 7

| <b>UNP</b> - C 1 - Object trailer  |                                    |          |     |   |  |
|--|------------------------------------|----------|-----|---|--|
| Function:<br>To end and check the completeness of an object.   |                                    |          |     |   |  |
| Notes:<br>1. 0810, shall be identical to the value in data element 0810 in UNO.<br>2. 0800, shall be identical to the value in data element 0800 in UNO. |                                    |          |     |   |  |
|  |                                    | EDIFACT  | GS1 | * | Description  |
| 0810   | Length of object in octets of bits | M n..18  | M   |   | This Data Element shall be identical to DE0810 of UNO segment. |
| 0800   | Package reference number           | M an..35 | M   |   | This Data Element shall be identical to DE0800 of UNO segment. |
| Segment Notes:<br>This is segment used to check the completeness of an object and to end it.<br>UNP+1238+OB000001'                                       |                                    |          |     |   |  |

## 5. Segments Layout

Segment number: 8

| <b>UNE</b> - C 1 - Group trailer   |                        |          |          |   |                                      |
|--|------------------------|----------|----------|---|--------------------------------------|
| Function:<br>To end and check the completeness of a group.   |                        |          |          |   |                                      |
| Notes:<br>1. 0048, the value shall be identical to the value in 0048 in the corresponding UNG segment.   |                        |          |          |   |                                      |
|  |                        | EDIFACT  | GS1      | * | Description                          |
| 0060   | Group control count    | M n..6   | <b>M</b> |   | Number of messages in the group.     |
| 0048   | Group reference number | M an..14 | <b>M</b> |   | Identical to DE 0048 in UNG segment. |
| Segment Notes:<br>Within EANCOM® the use of the UNG..UNE segments should not be used for grouping of multiple message types in the same interchange as this is not considered good practice. However, they can be used by organisations to create their own identifiable application level envelopes, which can be addressed from the originating department to a department in the recipient's system, e.g. to group multiple issuers in one transmission file with invoices.<br>UNE+25+471123' |                        |          |          |   |                                      |

## 5. Segments Layout

Segment number: 9

| <b>UNZ</b> - M 1 - Interchange trailer  |                               |          |          |   |  |
|---|-------------------------------|----------|----------|---|--|
| Function:<br>To end and check the completeness of an interchange.   |                               |          |          |   |  |
| Notes:<br>1. 0020, the value shall be identical to the value in 0020 in the corresponding UNB segment.  |                               |          |          |   |  |
|   |                               | EDIFACT  | GS1      | * | Description  |
| 0036  | Interchange control count     | M n..6   | <b>M</b> |   | Number of messages or functional groups within an interchange. |
| 0020  | Interchange control reference | M an..14 | <b>M</b> |   | Identical to DE 0020 in UNB segment.                           |
| Segment Notes:<br>This segment is used to provide the trailer of an interchange.<br>DE 0036: If functional groups are used, this is the number of functional groups within the interchange. If functional groups are not used, this is the number of messages within the interchange.<br>UNZ+5+1234555' |                               |          |          |   |  |