

# EDIFICE IMPLEMENTATION GUIDELINE

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## SHIP FROM STOCK & DEBIT CLAIM

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### ISSUE EDSC02

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## TO BE PROPOSED AS A UN/EDIFACT STANDARD MESSAGE

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## COMPARISON TO PREVIOUS ISSUE

This release includes the changes that have been made to the issue 1 of the Ship from Stock & Debit Claim document endorsed by the EDIFICE Plenary on 7 September 1994. The changes are as follows:

- Recast from the 92.1 version of the UN/EDIFACT directory to the D.97A version,
- Addition of the following code values:
  - all DTM segments, CO C507, DE 2379, code '203' CCYYMMDDHHMM
  - header NAD segment, DE 3055, code '16' DUNS (Dun & Bradstreet)
  - SG1, NAD segment, CO C082, DE 3055 codes '9' EAN (International Article Numbering association)  
'16' DUNS (Dun & Bradstreet)  
'92' Assigned by buyer or buyer's agent
  - SG3, LIN segment, CO C212, DE 7143 codes 'DI' Distributor's part number  
'MF' Manufacturer's (producer's) article number  
'UP' UPC (Universal product code)
  - SG3, LIN segment, CO C212, DE 3055 codes '89' Assigned by distributor  
'90' Assigned by manufacturer  
'113' US, UCC (Uniform Code Council)
  - SG3, PIA segment, CO C212, DE 7143 codes 'DI' Distributor's part number  
'MF' Manufacturer's (producer's) article number  
'UP' UPC (Universal product code)
  - SG3, PIA segment, CO C212, DE 3055 codes '89' Assigned by distributor  
'90' Assigned by manufacturer  
'113' US, UCC (Uniform Code Council)
  - SG3, PRI segment, CO C509, DE 5125, code 'AAA' Calculation net,
- Deletion of the following code values:
  - SG3, PIA segment, CO C212, DE 7143, codes 'CCM' COCOM list number  
'DR' Drawing revision number  
'DW' Drawing  
'EC' Engineering change level  
'GS' General specification number  
'SG' Standard group of products (mixed assortment)  
'VX' Vendor specification number
  - SG3, PRI segment, CO C509, DE 5125, codes 'CAT' Catalogue price  
'NBP' New buy price  
'RES' Resale price,
- Replacement of the following codes:
  - header DTM segment, CO C507, DE 2005, codes '158' to '90' Report start date  
'159' to '91' Report end date
  - header NAD segment, DE 3035, codes 'MF' to 'SE' Seller  
'DS' to 'BY' Buyer
  - header NAD segment, CO C082, DE 3055, codes '89' to '92' Assigned by buyer or buyer's agent  
'90' to '91' Assigned by seller or seller's agent
  - SG1, NAD segment, DE 3035, code 'UD' to 'PC' Actual purchaser's customer
  - SG1, NAD segment, CO C082, DE 3055, code '89' to '92' Assigned by buyer or buyer's agent,
- Usage changed for the following segments/data elements:
  - BGM segment, DE 1225, X to A
  - header NAD segment, CO C082 R to A
  - SG3, QTY segment, R1 to M1
  - SG3, PRI segment, CO C509, DE 5375, X to R
  - SG3, PRI segment, CO C509, DE 5284, X to R,
- Where UN/ECE Recommendations are referenced the most commonly used codes have been identified,
- Alignment of segments and composite data elements to ensure conformance (data harmonization) across all EDIFICE Implementation Guidelines,
- Update of the EDIFICE FUNCTIONAL DEFINITION, REFERENCES and EXPLANATORY NOTES section to comply with the EDIFICE Standards for Documentation of Message Implementation Guidelines issue 3,
- Update of examples,
- Documentation adjustments resulting from the use of GEFEG's EdiFix Message Implementation Guidelines documentation tool,
- Correction of typographical errors.

## EDIFICE FUNCTIONAL DEFINITION

The business relationship can be between any buying and selling functions. For the purposes of this business scenario these buying and selling functions relate to a distributor and manufacturer respectively.

### 1. Typical business scenario

| Manufacturer |                               | Distributor |
|--------------|-------------------------------|-------------|
| +-----+      | Price Catalogue               | +-----+     |
| ! !          | ----->                        | ! !         |
| ! !          |                               | ! !         |
| ! !          | Request for Quote             | ! !         |
| ! !          | <-----                        | ! !         |
| ! !          |                               | ! !         |
| ! !          | Quote                         | ! !         |
| ! !          | ----->                        | ! !         |
| ! !          |                               | ! !         |
| ! !          | Request for Authorisation     | ! !         |
| ! !          | <-----                        | ! !         |
| ! !          |                               | ! !         |
| ! !          | Authorisation                 | ! !         |
| ! !          | ----->                        | ! !         |
| ! !          |                               | ! !         |
| ! !          | Ship from Stock & Debit Claim | ! !         |
| ! !          | <-----                        | ! !         |
| ! !          |                               | ! !         |
| ! !          | Ship from Stock & Debit Claim | ! !         |
| ! !          | Response                      | ! !         |
| ! !          | ----->                        | ! !         |
| ! !          |                               | ! !         |
| ! !          | Credit Note                   | ! !         |
| ! !          | ----->                        | ! !         |
| ! !          |                               | ! !         |
| ! !          | Authorisation Status          | ! !         |
| ! !          | ----->                        | ! !         |
| +-----+      |                               | +-----+     |

## 2. Description of the Ship from Stock & Debit business scenario

### 2.1 Stocking of Goods and Stock Protection

The distributor purchases the goods with the manufacturer for stocking purposes at a fixed price. These prices are fixed for a certain period of time e.g. prices are fixed per quarter. This purchase price is commonly referred to as 'distributor cost' or 'catalogue price'.

When the manufacturer decides to change his price, the following process is applied: Based on the distributor's inventory level at the time of the price change, the manufacturer can calculate the difference in value of the stock affected by the price change.

When, as in the majority of the cases, the prices of electronics components go down, the manufacturer will credit the distributor's account for the difference in value of his stock.

There are variances in the stock protection mechanism from one manufacturer to another. The exact conditions can usually be found in the franchise agreement. There are other implications to this stock protection mechanism e.g. stock return, which are not part of this scenario.

### 2.2 Request of a New Buy Price

The primary purpose for a distributor to have stock, is to sell the goods to his customers, referred to as the 'end-customers'.

Very often, the market price will have changed since the distributor bought the goods from a manufacturer which prevents the distributor from making a healthy margin. For this purpose, manufacturers introduced the 'Ship from Stock & Debit' scenario.

When a distributor has a business opportunity with an end-customer, he will inform the manufacturer of the business opportunity with a 'request for quote'.

The distributor will get a response from the manufacturer to his proposal - the 'quote'. In this quote, the manufacturer will propose a 'new buy price'. This 'new buy price' is only valid for the authorised quantity and the end-customer specified in the quote.

Based on this quote, the distributor can make a final offer to his end-customer. When the end-customer accepts the deal, which results in an order from the end-customer to the distributor, the distributor will inform the manufacturer of this deal, by phone, fax or EDI - 'request for authorisation'. The manufacturer will give the distributor a final authorisation to ship the goods and claim back the difference between the 'distributor cost' and the 'new buy price'. Besides the 'new buy price', the 'authorised quantity' and the 'end-customer', an 'expiry date' is always attached to the 'authorisation'.

Not all manufacturers require a 'four step' negotiation process. The process can be reduced to a 'three step' process if the first offer to the distributor already contains a conditional authorisation number.

### 2.3 Shipping to the End-customer / Claiming from the Manufacturer

Independent of how many steps the bid/offer process takes, it is only when the distributor starts shipping the goods to his end-customer that he can claim the difference between the 'distributor cost' and the 'new buy price' from the manufacturer.

The frequency at which a distributor makes a claim to the manufacturer differs. Some manufacturers allow the distributor to claim when the shipping event occurs, others ask the distributor to accumulate and transmit the claims on a fixed interval period e.g. weekly or monthly.

The manufacturer will receive the claim and process it against the distributor's 'open' authorisations. Not all claims are accepted based on the conditions stated in the claim. It is even possible that some claims are rejected.

The manufacturer will inform the distributor of the processing result of every claim. Finally the manufacturer will issue a credit note to the distributor and credit the distributor's account.

#### 2.4 Where does the Ship from Stock & Debit Claim fit in this scenario?

The purpose of this message is to allow the distributor to send his claim to the manufacturer.

The message is designed to carry multiple claim lines, independent of the frequency of the transmissions.

The distributor sends his claim number in the message. This number will be the unique reference in all subsequent messages, e.g. the Ship from Stock and Debit Claim Response and the manufacturer's Credit Note.

Unique identification of claim line items within the message is also necessary. These line item numbers will be used as references in the Ship from Stock and Debit Claim Response message.

## **REFERENCES**

UN/EDIFACT DIRECTORY D.97A 1996-12-10

- DATA SEGMENTS DIRECTORY
- COMPOSITE DATA ELEMENTS DIRECTORY
- DATA ELEMENTS DIRECTORY
- CODE LISTS

ISO Standards

- ISO 9735 UN/EDIFACT - Applications level syntax rules  
First edition 1988-07-15  
Amended and Reprinted 1990-11-15
  - ISO 3166 Code for the Representation of Names of Countries  
Date : 1993
  - ISO 4217 Code for the Representation of Currencies and Funds  
Date : 1995
- See also web-site : <http://www.iso.ch>

UN/ECE Recommendations

- No 20 Codes for Units of Measure used in International Trade  
Date : August 1995
- See also web-site: [http://www.unece.org/trade/facil/tf\\_rec\\_h.htm](http://www.unece.org/trade/facil/tf_rec_h.htm)

EDIFICE

- Standards for Documentation of the EDIFICE Implementation Guidelines  
Issue : 3  
Date : 1997-09-24
- EDIFICE Utilisation of the UN/EDIFACT Service Segments  
Issue : 3  
Date : 1997-09-24

## EXPLANATORY NOTES

### General

The following abbreviations are used within this document:

DE = Data Element  
CO = Composite Data Element  
SG = Segment Group

The following codes are used to indicate, in a more detailed and precise way than UN/EDIFACT, the usage of the data concerned in the EDIFICE Message Implementation Guidelines:

| <u>UN/EDIFACT</u> | <u>EDIFICE</u> |
|-------------------|----------------|
| M (Mandatory)     | M (Mandatory)  |
| C (Conditional)   | R (Required)   |
| C (Conditional)   | D (Depending)  |
| C (Conditional)   | A (Advised)    |
| C (Conditional)   | O (Optional)   |
| C (Conditional)   | N (Not Used)   |

Mandatory = UN/EDIFACT dictates that the Data Element, Composite Data Element, Segment or Segment Group must be present.

Required = Indicates that the entity is required and must be sent.

Depending = Indicates that the entity must be sent if a particular defined condition or set of conditions exists. The associated conditions must be explained at the appropriate level of detail.

Advised = Indicates that the entity is advised or recommended and should be sent if previously agreed between the trading partners.

Optional = Indicates that the entity is optional and may be sent if previously agreed between the trading partners.

Not Used = Indicates that the entity is not used and should be omitted.

Where a Composite Data Element is indicated as 'Not Used', the column 'usage status' for the Data Elements will remain blank.

The number of occurrences shown in the EDIFICE Message Diagrams indicates the required or maximum number of occurrences for the entity utilisation.



The EDIFICE usage status and number of occurrences for segments or segment groups will be represented analogue to the representation of data elements e.g.:

- R3 The segment or group is required 3 times (fixed number)
- R..3 The segment or group is required up to 3 times (maximum number)

The following table indicates the number of integer and decimal digits to be used for numeric data elements when needed:

| Numeric Class  | Representation Digits | Integer Digits | Decimals |
|----------------|-----------------------|----------------|----------|
| Dimensions     | n..18                 | 15             | 3        |
| Quantities     | n..15                 | 12             | 3        |
| Volumes        | n..18                 | 15             | 3        |
| Weights        | n..18                 | 15             | 3        |
| Unit Prices    | n..15                 | 11             | 4        |
| Amounts        | n..18                 | 15             | 3        |
| Currency Rates | n..12                 | 6              | 6        |
| Percentages    | n..8                  | 3              | 5        |

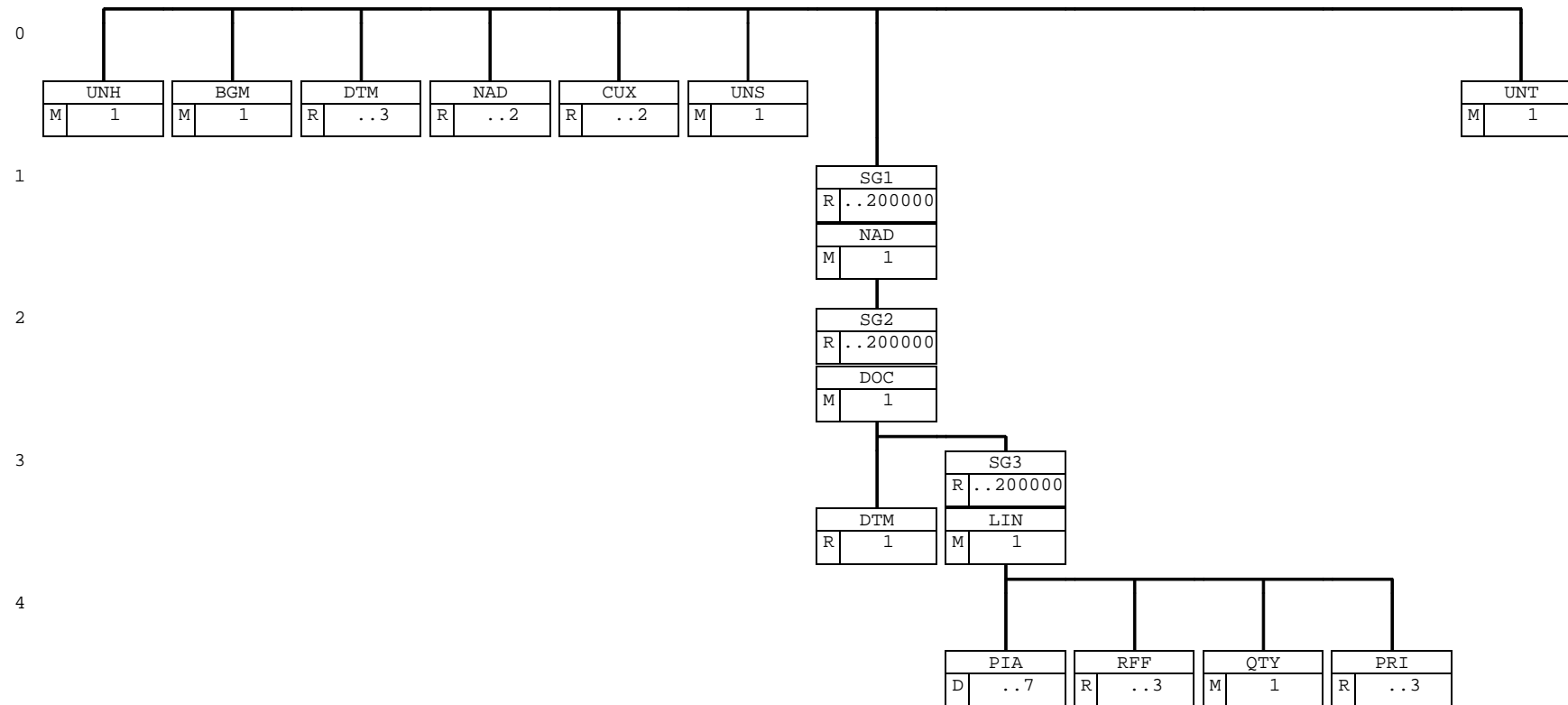
EDIFICE recommends that where there are significant decimals, these are explicitly stated using a decimal mark in a character position. Similarly the minus sign should be used to explicitly state a negative value.

Consistent use of the date/time/period format should be adhered to throughout the entire message. EDIFICE recommends only to use the 'CCYYMMDD' format.

## MESSAGE STRUCTURE CHART

|   |     |                          |           |
|---|-----|--------------------------|-----------|
|   | UNH | MESSAGE HEADER           | M1        |
|   | BGM | BEGINNING OF MESSAGE     | M1        |
|   | DTM | DATE/TIME/PERIOD         | R..3      |
|   | NAD | NAME AND ADDRESS         | R..2      |
|   | CUX | CURRENCIES               | R..2      |
|   | UNS | SECTION CONTROL          | M1        |
| ┌ | SG1 |                          | R..200000 |
| └ | NAD | NAME AND ADDRESS         | M1        |
| ┌ | SG2 |                          | R..200000 |
| └ | DOC | DOCUMENT/MESSAGE DETAILS | M1        |
|   | DTM | DATE/TIME/PERIOD         | R1        |
| ┌ | SG3 |                          | R..200000 |
| └ | LIN | LINE ITEM                | M1        |
|   | PIA | ADDITIONAL PRODUCT ID    | D..7      |
|   | RFF | REFERENCE                | R..3      |
|   | QTY | QUANTITY                 | M1        |
| └ | PRI | PRICE DETAILS            | R..3      |
|   | UNT | MESSAGE TRAILER          | M1        |

# BRANCHING DIAGRAM



## SEGMENT GROUPS/SEGMENTS DESCRIPTION

---

### **UNH      MESSAGE HEADER**

---

Function: A service segment heading, and uniquely identifying the message.  
Usage    : M1

---

### **BGM      BEGINNING OF MESSAGE**

---

Function: A segment uniquely identifying the message by means of its coded name, number and function.  
Usage    : M1

---

### **DTM      DATE/TIME/PERIOD**

---

Function: A segment specifying the date/time of creation of the message and other dates/times relevant to the message.  
Usage    : R..3

---

### **NAD      NAME AND ADDRESS**

---

Function: A segment identifying the function and coded identification, name and address of a party involved.  
Usage    : R..2

---

### **CUX      CURRENCIES**

---

Function: A segment specifying a currency, valid for the whole message.  
Usage    : R..2

---

### **UNS      SECTION CONTROL**

---

Function: A segment to separate header from detail section  
Usage    : M1

---

### **SG1      NAD-SG2-SG3**

---

Function: A group of segments identifying the buyer's customers and related billing information for which claims are made.  
Usage    : R..200000  
Notes    :

---

### **NAD      NAME AND ADDRESS**

---

Function: A segment identifying the function and coded identification, name and address of the end-customer to whom goods were shipped and billed by the buyer.  
Usage    : M1

---

### **SG2      DOC-DTM-SG3**

---

Function: A group of segments providing details of the individual billing documents.  
Usage    : R..200000  
Notes    :

---

### **DOC      DOCUMENT/MESSAGE DETAILS**

---

Function: A segment specifying a document number.  
Usage    : M1

---

### **DTM      DATE/TIME/PERIOD**

---

Function: A segment specifying the date/time of creation of the reference document.  
Usage    : R1

---

**SG3      LIN-PIA-RFF-QTY-PRI**

---

Function: A group of segments providing billing details of the individual line items i.e. line items within the reference document.

Usage    : R..200000

Notes    : The PIA segment is dependent on whether the primary reference to the document line item is insufficient to identify the item.

---

**LIN      LINE ITEM**

---

Function: A segment identifying a line item by its item number, and agreed to be the primary reference number between the buyer and seller.  
The segment also carries a sequence number assigned to the line item within the message.

Usage    : M1

---

**PIA      ADDITIONAL PRODUCT ID**

---

Function: A segment providing additional identification numbers.

Usage    : D..7

---

**RFF      REFERENCE**

---

Function: A segment specifying the line item reference number, and other relevant references.

Usage    : R..3

---

**QTY      QUANTITY**

---

Function: A segment specifying the quantity claimed.

Usage    : M1

---

**PRI      PRICE DETAILS**

---

Function: A segment specifying the line item price and qualifying information.

Usage    : R..3

---

**UNT      MESSAGE TRAILER**

---

Function: A service segment ending, and providing information for checking the completeness of a message.

Usage    : M1

**UNH MESSAGE HEADER**

Function: A service segment heading, and uniquely identifying the message.

Usage : M1

Notes : Refer to EDIFICE Utilisation of the UN/EDIFACT Service Segments, Issue 3.

| Ref. | Rep.   | Name  | EDIFICE Utilisation |                                   |
|------|--------|---|---------------------|-----------------------------------|
| 0062 | an..14 | M MESSAGE REFERENCE NUMBER                        | M                   | Transmission message count from 1 |
| S009 |        | M MESSAGE IDENTIFIER                              | M                   |                                   |
| 0065 | an..6  | M Message type identifier                         | M                   | SSDCLM                            |
| 0052 | an..3  | M Message type version number                     | M                   | D                                 |
| 0054 | an..3  | M Message type release number                     | M                   | 97A                               |
| 0051 | an..2  | M Controlling agency                              | M                   | ED                                |
| 0057 | an..6  | C Association assigned code                       | R                   | EDSC02                            |
| 0068 | an..35 | C COMMON ACCESS REFERENCE                         | N                   |                                   |
| S010 |        | C STATUS OF THE TRANSFER                          | N                   |                                   |
| 0070 | n..2   | M Sequence message transfer number                |                     |                                   |
| 0073 | a1     | C First/last sequence message transfer indication |                     |                                   |

**BGM BEGINNING OF MESSAGE**

Function: A segment uniquely identifying the message by means of its coded name, number and function.

Usage : M1

Notes :

| Ref. | Rep.   | Name                                  | EDIFICE Utilisation |  |
|------|--------|---------------------------------------|---------------------|--|
| C002 |        | C DOCUMENT/MESSAGE NAME               | R                   |  |
| 1001 | an..3  | C Document/message name, coded        | R                   | SSC = Ship from Stock & Debit Claim<br>Use this code until UN/EDIFACT makes one available. |
| 1131 | an..3  | C Code list qualifier                 | N                   |  |
| 3055 | an..3  | C Code list responsible agency, coded | N                   |  |
| 1000 | an..35 | C Document/message name               | N                   |  |
| C106 |        | C DOCUMENT/MESSAGE IDENTIFICATION     | R                   |  |
| 1004 | an..35 | C Document/message number             | R                   | Claim number<br>Usually the buyer's debit note number                                      |
| 1056 | an..9  | C Version                             | N                   |  |
| 1060 | an..6  | C Revision number                     | N                   |  |
| 1225 | an..3  | C MESSAGE FUNCTION, CODED             | A                   | 9 = Original   |
| 4343 | an..3  | C RESPONSE TYPE, CODED                | N                   |  |

**DTM      DATE/TIME/PERIOD**

Function: A segment specifying the date/time of creation of the message and other dates/times relevant to the message.

Usage : R..3

Notes : It is required to specify the date/time of creation of the message.

| Ref. | Rep.   | Name                                   | EDIFICE Utilisation |   |
|------|--------|--|---------------------|---|
| C507 |        | M DATE/TIME/PERIOD                     | M                   |   |
| 2005 | an..3  | M Date/time/period qualifier           | M                   | 137 = Document/message date/time<br>Date when the document is created<br>90 = Report start date<br>91 = Report end date |
| 2380 | an..35 | C Date/time/period                     | R                   |   |
| 2379 | an..3  | C Date/time/period format<br>qualifier | R                   | 101 = YYMMDD<br>102 = CCYYMMDD<br>203 = CCYYMMDDHHMM  |



**NAD NAME AND ADDRESS**

Function: A segment identifying the function and coded identification, name and address of a party involved.

Usage : R..2

Notes : It is advised that the party identification CO C082 be used. When CO C082 cannot be used it is recommended to use the structured name and address CO C080 through DE 3207 rather than the unstructured one CO C058.  
The NAD segment that identifies the buyer must be present.

| Ref. | Rep.   | Name                                  | EDIFICE Utilisation |   |
|------|--------|---------------------------------------|---------------------|---|
| 3035 | an..3  | M PARTY QUALIFIER                     | M                   | BY = Buyer<br>SE = Seller   |
| C082 |        | C PARTY IDENTIFICATION DETAILS        | A                   |   |
| 3039 | an..35 | M Party id. identification            | M                   |   |
| 1131 | an..3  | C Code list qualifier                 | N                   |   |
| 3055 | an..3  | C Code list responsible agency, coded | R                   | 9 = EAN (International Article Numbering association)<br>16 = DUNS (Dun & Bradstreet)<br>91 = Assigned by seller or seller's agent<br>92 = Assigned by buyer or buyer's agent |
| C058 |        | C NAME AND ADDRESS                    | D                   |   |
| 3124 | an..35 | M Name and address line               | M                   |   |
| 3124 | an..35 | C Name and address line               | O                   |   |
| 3124 | an..35 | C Name and address line               | O                   |   |
| 3124 | an..35 | C Name and address line               | O                   |   |
| 3124 | an..35 | C Name and address line               | O                   |   |
| C080 |        | C PARTY NAME                          | D                   |   |
| 3036 | an..35 | M Party name                          | M                   |   |
| 3036 | an..35 | C Party name                          | O                   |   |
| 3036 | an..35 | C Party name                          | O                   |   |
| 3036 | an..35 | C Party name                          | O                   |   |
| 3036 | an..35 | C Party name                          | O                   |   |
| 3045 | an..3  | C Party name format, coded            | N                   |   |
| C059 |        | C STREET                              | D                   |   |
| 3042 | an..35 | M Street and number/p.o. box          | M                   |   |
| 3042 | an..35 | C Street and number/p.o. box          | O                   |   |
| 3042 | an..35 | C Street and number/p.o. box          | O                   |   |
| 3042 | an..35 | C Street and number/p.o. box          | O                   |   |
| 3164 | an..35 | C CITY NAME                           | D                   |   |
| 3229 | an..9  | C COUNTRY SUB-ENTITY IDENTIFICATION   | D                   |   |
| 3251 | an..9  | C POSTCODE IDENTIFICATION             | D                   |   |
| 3207 | an..3  | C COUNTRY, CODED                      | D                   | Use ISO 3166, 2 alpha code  |

**CUX CURRENCIES**

Function: A segment specifying a currency, valid for the whole message.

Usage : R..2

Notes : A CUX segment specifying the order currency must be present.

| Ref. | Rep.  | Name                              | EDIFICE Utilisation |                            |
|------|-------|-----------------------------------|---------------------|----------------------------|
| C504 |       | C CURRENCY DETAILS                | R                   |                            |
| 6347 | an..3 | M Currency details qualifier      | M                   | 2 = Reference currency     |
| 6345 | an..3 | C Currency, coded                 | R                   | Use ISO 4217, 3 alpha code |
| 6343 | an..3 | C Currency qualifier              | R                   | 4 = Invoicing currency     |
|      |       |                                   |                     | 9 = Order currency         |
| 6348 | n..4  | C Currency rate base              | N                   |                            |
| C504 |       | C CURRENCY DETAILS                | N                   |                            |
| 6347 | an..3 | M Currency details qualifier      |                     |                            |
| 6345 | an..3 | C Currency, coded                 |                     |                            |
| 6343 | an..3 | C Currency qualifier              |                     |                            |
| 6348 | n..4  | C Currency rate base              |                     |                            |
| 5402 | n..12 | C RATE OF EXCHANGE                | N                   |                            |
| 6341 | an..3 | C CURRENCY MARKET EXCHANGE, CODED | N                   |                            |

**UNS SECTION CONTROL**

Function: A segment to separate header from detail section

Usage : M1

Notes :

| Ref. | Rep. | Name                     | EDIFICE Utilisation |                             |
|------|------|--------------------------|---------------------|-----------------------------|
| 0081 | a1   | M SECTION IDENTIFICATION | M                   | D = Start of detail section |

## SG1 NAD-SG2-SG3

## NAD NAME AND ADDRESS

Function: A segment identifying the function and coded identification, name and address of the end-customer to whom goods were shipped and billed by the buyer.

Usage : M1

Notes : It is advised that the party identification CO C082 be used. When CO C082 cannot be used it is recommended to use the structured name and address CO C080 through DE 3207 rather than the unstructured one CO C058.

| Ref. | Rep.   | Name                                  | EDIFICE Utilisation |   |
|------|--------|---------------------------------------|---------------------|---|
| 3035 | an..3  | M PARTY QUALIFIER                     | M                   | PC = Actual purchaser's customer  |
| C082 |        | C PARTY IDENTIFICATION DETAILS        | A                   |   |
| 3039 | an..35 | M Party id. identification            | M                   | End-customer identification   |
| 1131 | an..3  | C Code list qualifier                 | N                   |   |
| 3055 | an..3  | C Code list responsible agency, coded | R                   | 9 = EAN (International Article Numbering association)<br>16 = DUNS (Dun & Bradstreet)<br>91 = Assigned by seller or seller's agent<br>92 = Assigned by buyer or buyer's agent |
| C058 |        | C NAME AND ADDRESS                    | D                   |   |
| 3124 | an..35 | M Name and address line               | M                   |   |
| 3124 | an..35 | C Name and address line               | O                   |   |
| 3124 | an..35 | C Name and address line               | O                   |   |
| 3124 | an..35 | C Name and address line               | O                   |   |
| 3124 | an..35 | C Name and address line               | O                   |   |
| C080 |        | C PARTY NAME                          | D                   |   |
| 3036 | an..35 | M Party name                          | M                   |   |
| 3036 | an..35 | C Party name                          | O                   |   |
| 3036 | an..35 | C Party name                          | O                   |   |
| 3036 | an..35 | C Party name                          | O                   |   |
| 3036 | an..35 | C Party name                          | O                   |   |
| 3045 | an..3  | C Party name format, coded            | N                   |   |
| C059 |        | C STREET                              | D                   |   |
| 3042 | an..35 | M Street and number/p.o. box          | M                   |   |
| 3042 | an..35 | C Street and number/p.o. box          | O                   |   |
| 3042 | an..35 | C Street and number/p.o. box          | O                   |   |
| 3042 | an..35 | C Street and number/p.o. box          | O                   |   |
| 3164 | an..35 | C CITY NAME                           | D                   |   |
| 3229 | an..9  | C COUNTRY SUB-ENTITY IDENTIFICATION   | D                   |   |
| 3251 | an..9  | C POSTCODE IDENTIFICATION             | D                   |   |
| 3207 | an..3  | C COUNTRY, CODED                      | D                   | Use ISO 3166, 2 alpha code  |

## SG2 DOC-DTM-SG3

## DOC DOCUMENT/MESSAGE DETAILS

Function: A segment specifying a document number.

Usage : M1

Notes : Specifies the invoice or credit note between the buyer and the end-customer.

| Ref. | Rep.   | Name  | EDIFICE Utilisation |   |
|------|--------|---|---------------------|---|
| C002 |        | M DOCUMENT/MESSAGE NAME                       | M                   |   |
| 1001 | an..3  | C Document/message name, coded                | R                   | 380 = Commercial invoice<br>Invoice from the buyer to his<br>end-customer.<br>381 = Credit note<br>Credit note from the buyer to his<br>end-customer. |
| 1131 | an..3  | C Code list qualifier                         | N                   |   |
| 3055 | an..3  | C Code list responsible agency,<br>coded      | N                   |   |
| 1000 | an..35 | C Document/message name                       | N                   |   |
| C503 |        | C DOCUMENT/MESSAGE DETAILS                    | R                   |   |
| 1004 | an..35 | C Document/message number                     | R                   |   |
| 1373 | an..3  | C Document/message status, coded              | N                   |   |
| 1366 | an..35 | C Document/message source                     | N                   |   |
| 3453 | an..3  | C Language, coded                             | N                   |   |
| 3153 | an..3  | C COMMUNICATION CHANNEL<br>IDENTIFIER, CODED  | N                   |   |
| 1220 | n..2   | C NUMBER OF COPIES OF DOCUMENT<br>REQUIRED    | N                   |   |
| 1218 | n..2   | C NUMBER OF ORIGINALS OF DOCUMENT<br>REQUIRED | N                   |   |

**SG2      DOC-DTM-SG3****DTM      DATE/TIME/PERIOD**

Function: A segment specifying the date/time of creation of the reference document.

Usage    : R1

Notes    :

| Ref. | Rep.   | Name                                      | EDIFICE Utilisation |   |
|------|--------|---|---------------------|---|
| C507 |        | M    DATE/TIME/PERIOD                     | M                   |   |
| 2005 | an..3  | M    Date/time/period qualifier           | M                   | 137 = Document/message date/time<br>Date when the document is created |
| 2380 | an..35 | C    Date/time/period                     | R                   |   |
| 2379 | an..3  | C    Date/time/period format<br>qualifier | R                   | 101 = YYMMDD<br>102 = CCYYMMDD<br>203 = CCYYMMDDHHMM                  |

## SG3 LIN-PIA-RFF-QTY-PRI

## LIN LINE ITEM

Function: A segment identifying a line item by its item number, and agreed to be the primary reference number between the buyer and seller.  
The segment also carries a sequence number assigned to the line item within the message.

Usage : M1

Notes :

| Ref. | Rep.   | Name                                  | EDIFICE Utilisation  |
|------|--------|---------------------------------------|--|
| 1082 | an..6  | C LINE ITEM NUMBER                    | R It is required to assign a number to the line items within a message. The number is assigned by the sender of the message.<br>The first line item within a message will be numbered 1 and further line items will be incremented by 1 for each new line.   |
| 1229 | an..3  | C ACTION REQUEST/NOTIFICATION, CODED  | N  |
| C212 |        | C ITEM NUMBER IDENTIFICATION          | R  |
| 7140 | an..35 | C Item number                         | R Article number   |
| 7143 | an..3  | C Item number type, coded             | R BP = Buyer's part number<br>DI = Distributor's part number<br>Use this code until UN/EDIFACT makes one available<br>EN = International Article Numbering Association (EAN)<br>MF = Manufacturer's (producer's) article number<br>UP = UPC (Universal product code)<br>VP = Vendor's (seller's) part number |
| 1131 | an..3  | C Code list qualifier                 | N  |
| 3055 | an..3  | C Code list responsible agency, coded | R 9 = EAN (International Article Numbering association)<br>89 = Assigned by distributor<br>90 = Assigned by manufacturer<br>91 = Assigned by seller or seller's agent<br>92 = Assigned by buyer or buyer's agent<br>113 = US, UCC (Uniform Code Council)   |
| C829 |        | C SUB-LINE INFORMATION                | N  |
| 5495 | an..3  | C Sub-line indicator, coded           |  |
| 1082 | an..6  | C Line item number                    |  |
| 1222 | n..2   | C CONFIGURATION LEVEL                 | N  |
| 7083 | an..3  | C CONFIGURATION, CODED                | N  |

SG3 LIN-PIA-RFF-QTY-PRI

**PIA ADDITIONAL PRODUCT ID**

Function: A segment providing additional identification numbers.

Usage : D..7

Notes : The 5 internal repetitions of CO C212 may be used, but EDIFICE recommends to only use the first occurrence.

| Ref. | Rep.   | Name                                  | EDIFICE Utilisation |   |
|------|--------|---------------------------------------|---------------------|---|
| 4347 | an..3  | M PRODUCT ID. FUNCTION QUALIFIER      | M                   | 1 = Additional identification   |
| C212 |        | M ITEM NUMBER IDENTIFICATION          | M                   |   |
| 7140 | an..35 | C Item number                         | R                   |   |
| 7143 | an..3  | C Item number type, coded             | R                   | BP = Buyer's part number<br>CV = Customs article number<br>DI = Distributor's part number<br>Use this code until UN/EDIFACT makes one available<br>EN = International Article Numbering Association (EAN)<br>MF = Manufacturer's (producer's) article number<br>UP = UPC (Universal product code)<br>VP = Vendor's (seller's) part number |
| 1131 | an..3  | C Code list qualifier                 | N                   |   |
| 3055 | an..3  | C Code list responsible agency, coded | R                   | 9 = EAN (International Article Numbering association)<br>89 = Assigned by distributor<br>90 = Assigned by manufacturer<br>91 = Assigned by seller or seller's agent<br>92 = Assigned by buyer or buyer's agent<br>113 = US, UCC (Uniform Code Council)<br>As for first CO C212  |
| C212 |        | C ITEM NUMBER IDENTIFICATION          | O                   |   |
| 7140 | an..35 | C Item number                         | R                   |   |
| 7143 | an..3  | C Item number type, coded             | R                   |   |
| 1131 | an..3  | C Code list qualifier                 | N                   |   |
| 3055 | an..3  | C Code list responsible agency, coded | R                   |   |
| C212 |        | C ITEM NUMBER IDENTIFICATION          | O                   | As for first CO C212  |
| 7140 | an..35 | C Item number                         | R                   |   |
| 7143 | an..3  | C Item number type, coded             | R                   |   |
| 1131 | an..3  | C Code list qualifier                 | N                   |   |
| 3055 | an..3  | C Code list responsible agency, coded | R                   |   |
| C212 |        | C ITEM NUMBER IDENTIFICATION          | O                   | As for first CO C212  |
| 7140 | an..35 | C Item number                         | R                   |   |
| 7143 | an..3  | C Item number type, coded             | R                   |   |
| 1131 | an..3  | C Code list qualifier                 | N                   |   |
| 3055 | an..3  | C Code list responsible agency, coded | R                   |   |
| C212 |        | C ITEM NUMBER IDENTIFICATION          | O                   | As for first CO C212  |
| 7140 | an..35 | C Item number                         | R                   |   |
| 7143 | an..3  | C Item number type, coded             | R                   |   |
| 1131 | an..3  | C Code list qualifier                 | N                   |   |
| 3055 | an..3  | C Code list responsible agency, coded | R                   |   |



SG3 LIN-PIA-RFF-QTY-PRI

**RFF REFERENCE**

Function: A segment specifying the line item reference number, and other relevant references.

Usage : R..3

Notes : It is required to specify the line item reference number.

| Ref. | Rep.   | Name                       | EDIFICE Utilisation |   |
|------|--------|----------------------------|---------------------|---|
| C506 |        | M REFERENCE                | M                   |   |
| 1153 | an..3  | M Reference qualifier      | M                   | AU = Authorization to meet competition No.<br>Authorisation/quote number.<br>DE 1154: authorisation number (R)<br>DE 1156: authorisation line number (O)<br>DM = Document number<br>Used to specify the line number of<br>the invoice or credit note<br>DE 1154: (N)<br>DE 1156: invoice or credit note line<br>number (R)<br>LI = Line item reference number<br>Line item reference number that can<br>be referenced in the Ship from Stock<br>& Debit Response message.<br>DE 1154: (N)<br>DE 1156: (R) |
| 1154 | an..35 | C Reference number         | D                   | See DE 1153   |
| 1156 | an..6  | C Line number              | D                   | See DE 1153   |
| 4000 | an..35 | C Reference version number | N                   |   |

SG3 LIN-PIA-RFF-QTY-PRI

**QTY QUANTITY**

Function: A segment specifying the quantity claimed.

Usage : M1

Notes :

| Ref. | Rep.  | Name                     | EDIFICE Utilisation |   |
|------|-------|--------------------------|---------------------|---|
| C186 |       | M QUANTITY DETAILS       | M                   |   |
| 6063 | an..3 | M Quantity qualifier     | M                   | 1 = Discrete quantity   |
| 6060 | n..15 | M Quantity               | M                   | Line item quantity claimed  |
| 6411 | an..3 | C Measure unit qualifier | R                   | Use the following codes from UN/ECE Recommendation no.20, Codes for Units of Measurement: |
|      |       |                          |                     | CLT = centilitre  |
|      |       |                          |                     | CMT = centimetre  |
|      |       |                          |                     | GRM = gram  |
|      |       |                          |                     | KGM = kilogram  |
|      |       |                          |                     | KMT = kilometre   |
|      |       |                          |                     | LTR = litre   |
|      |       |                          |                     | MGM = milligram   |
|      |       |                          |                     | MMT = millimetre  |
|      |       |                          |                     | MTK = square metre  |
|      |       |                          |                     | MTQ = cubic metre   |
|      |       |                          |                     | MTR = metre   |
|      |       |                          |                     | PCE = piece   |
|      |       |                          |                     | Other codes should be previously agreed between trading partners.                         |

SG3 LIN-PIA-RFF-QTY-PRI

**PRI PRICE DETAILS**

Function: A segment specifying the line item price and qualifying information.

Usage : R..3

Notes : Catalogue price and new buy price are specified with the order currency.

Resale price is specified with the invoicing currency.

It is required to specify the catalogue price and the new buy price, held by the buyer.

| Ref. | Rep.  | Name                           | EDIFICE Utilisation |  |
|------|-------|--------------------------------|---------------------|--|
| C509 |       | C PRICE INFORMATION            | R                   |  |
| 5125 | an..3 | M Price qualifier              | M                   | AAA = Calculation net  |
| 5118 | n..15 | C Price                        | R                   |  |
| 5375 | an..3 | C Price type, coded            | R                   | CA = Catalogue<br>Stocking price used between the buyer and seller.<br>NBP = New buy price (*)<br>Re-negotiated buy price between the buyer and seller.<br>RES = Resale price (*)<br>Price used between the buyer and the end-customer.<br><br>(*) Use this code until UN/EDIFACT makes one available.   |
| 5387 | an..3 | C Price type qualifier         | N                   |  |
| 5284 | n..9  | C Unit price basis             | R                   |  |
| 6411 | an..3 | C Measure unit qualifier       | R                   | Use the following codes from UN/ECE Recommendation no.20, Codes for Units of Measurement:<br><br>CLT = centilitre<br>CMT = centimetre<br>GRM = gram<br>KGM = kilogram<br>KMT = kilometre<br>LTR = litre<br>MGM = milligram<br>MMT = millimetre<br>MTK = square metre<br>MTQ = cubic metre<br>MTR = metre<br>PCE = piece<br><br>Other codes should be previously agreed between trading partners. |
| 5213 | an..3 | C SUB-LINE PRICE CHANGE, CODED | N                   |  |

**UNT MESSAGE TRAILER**

Function: A service segment ending, and providing information for checking the completeness of a message.

Usage : M1

Notes : Refer to EDIFICE Utilisation of the UN/EDIFACT Service Segments, Issue 3.

| Ref. | Rep.   | Name                              | EDIFICE Utilisation |   |
|------|--------|-----------------------------------|---------------------|---|
| 0074 | n..6   | M NUMBER OF SEGMENTS IN A MESSAGE | M                   | Count of all segments in the message, UNH and UNT included.                         |
| 0062 | an..14 | M MESSAGE REFERENCE NUMBER        | M                   | Must be the same reference number as in DE 0062 of the UNH segment of this message. |

## EXAMPLES

A normal claim with two documents, each with two line items.

UNH+1+SSDCLM:D:97A:ED:EDSC02'  
BGM+SSC+4938+9'  
DTM+137:20000501:102'  
NAD+BY+BUYERCODE::92'  
CUX+2:DEM:9'  
UNS+D'  
NAD+PC+ENDCUSTCODE::91'  
DOC+380+INVNUMBER1'  
DTM+137:20000420:102'  
LIN+1++PRODCODE1:VP::91'  
RFF+LI::25'  
RFF+AU:AUTNUM1:1'  
QTY+1:1000:PCE'  
PRI+AAA:1.80:CA::1:PCE'  
PRI+AAA:1.00:NBP::1:PCE'  
LIN+2++PRODCODE2:VP::91'  
RFF+LI::26'  
RFF+AU:AUTNUM1:2'  
QTY+1:2000:PCE'  
PRI+AAA:1.80:CA::1:PCE'  
PRI+AAA:1.00:NBP::1:PCE'  
DOC+380+INVNUMBER2'  
DTM+137:20000421:102'  
LIN+3++PRODCODE1:VP::91'  
RFF+LI::27'  
RFF+AU:AUTNUM1:1'  
QTY+1:2000:PCE'  
PRI+AAA:1.80:CA::1:PCE'  
PRI+AAA:1.00:NBP::1:PCE'  
LIN+4++PRODCODE2:VP::91'  
RFF+LI::28'  
RFF+AU:AUTNUM1:2'  
QTY+1:500:PCE'  
PRI+AAA:1.80:CA::1:PCE'  
PRI+AAA:1.00:NBP::1:PCE'  
UNT+36+1'