**The Global Network for B2B Integration in High Tech Industries**

## EDIFICE Message Implementation Guideline
## Ship from Stock & Debit Claim Response

**SSDRSP Issue EDSR10**

**Endorsed on 15 June 2011**

**To be proposed as UN/EDIFACT Standard Message**

## TABLE OF CONTENTS

## COMPARISON TO PREVIOUS ISSUE

### Issue EDSR10 of 1 June 2011: Upgrade to UN/EDIFACT Directory D.10A

EDIFICE recommends to make use of EDIFACT code lists.
1.  Where possible the earlier references to UN/ECE Recommendations were removed and EDIFACT qualifiers are used instead.
2.  A number of EDIFICE defined qualifiers were replaced with relevant EDIFACT qualifiers or were completely removed when not in use. In some cases new EDIFICE qualifiers were defined since the old qualifiers have been included in the EDIFACT code list with a different definition

The summary of changes in this MIG is listed below:

| Place | EDIFICE Code (*) | Replaced with EDIFACT code/EDIFICE code (*)/Removed/Added |
|---|---|---|
| All DTM-2005 | X03=CCYYMMDDHHMMZZZZZ (*)<br>X04=CCYYMMDDHHMMSSZZZZZ (*) | 205=CCYYMMDDHHMMZHHMM<br>Removed |
| SG1-LIN/PIA-C212-7143 | DI=Distributor's part number | SSS=Distributor's article identifier |
| SG1-STS-9015 | T=Trade (*) | 7=Transaction |

### Issue EDSR05 of August 2008
- Upgrade to UN/EDIFACT Directory D.08A – CL.08A
- Addition of CUX segment on line level

Data Element Format changes:
* 1131 Code List Identification Code    * Format:'an..3' ---> 'an..17'
* 1154 Reference Identifier    * Format:'an..35' ---> 'an..70'
* 3251 Postal Identification Code    * Format:'an..9' ---> 'an..17'
* 6060 Quantity    * Format:'n..15' ---> 'an..35'
* 6411 Measurement unit code    * Format:'an..3' ---> 'an..8'

Issue EDSR04 of 1 June 2005:
 - Upgrade to UN/EDIFACT Code list D.04B

 12 May 2004 : EDIFIX 5.0 Technical Upgrade
- The 'KMT' qualifier in SEG QTY and PRI DE 6411 is now defined as (*) EDIFICE code. UN/ECE Recommendation 20 specifies 'KTM' as qualifier for 'kilometre'.
21 May 2003 : - EDIFIX 4.2 Technical upgrade; review and correction of examples

Issue EDSR03 of 13 November 2002 is based on UN/EDIFACT D97.A / Code List D01.A
- Addition of the following code value:
        SG1, LIN segment, CO C212, DE 7143 code 'SRV' EAN.UCC Global Trade Item Number
        SG1, PIA segment, CO C212, DE 7143 code 'SRV' EAN.UCC Global Trade Item Number

Issue EDSR02 of 29 May 2002 – recommended set of DTM qualifiers

Issue EDSR02 includes the changes that have been made to the issue 1 of the Ship from Stock & Debit Claim Response 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)
    header RFF segment, CO C506, DE 1153, code 'DL' Debit note number
    SG1, LIN segment, CO C212, DE 7143 codes 'DI' Distributor's part number
                    'MF' Manufacturer's (producer's) article number
                    'UP' UPC (Universal product code)
    SG1, LIN segment, CO C212, DE 3055 codes '89' Assigned by distributor
                    '90' Assigned by manufacturer
                    '113' US, UCC (Uniform Code Council)
    SG1, PIA segment, CO C212, DE 7143 codes 'DI' Distributor's part number
                    'MF' Manufacturer's (producer's) article number
                    'UP' UPC (Universal product code)
    SG1, PIA segment, CO C212, DE 3055 codes '89' Assigned by distributor
                    '90' Assigned by manufacturer
                    '113'US, UCC (Uniform Code Council)
    SG1, PRI segment, CO C509, DE 5125, code 'AAA' Calculation net
    SG1, STS segment, CO C601, DE 9015, code 'T' Trade
    SG2, RFF segmrnt, CO C506, DE 1153 codes 'AGO' Sender's reference to the original message
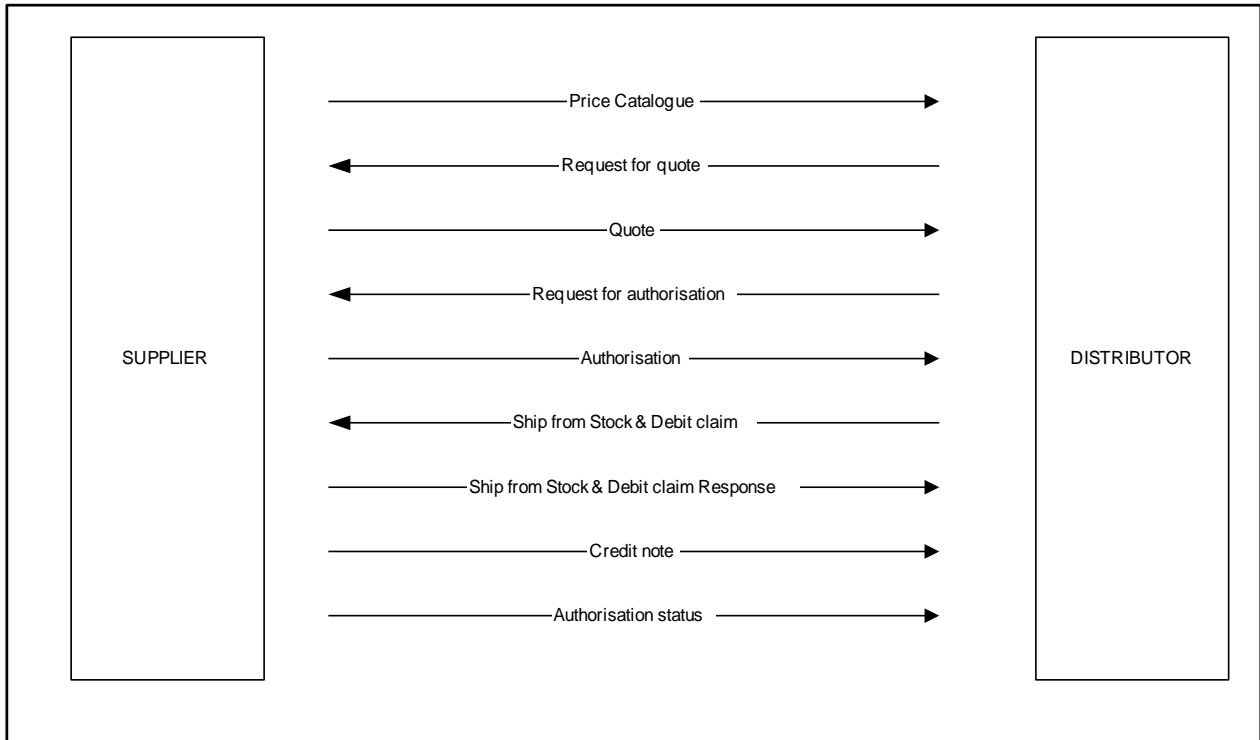
'AU'  Authorization to meet competition No.
                    'DL'  Debit note number,


- Deletion of the following code values:
    SG1, 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
    SG1, PRI segment, CO C509, DE 5125, codes 'CAT' Catalogue price
                                        'NBP' New buy price
                                        'RES' Resale price,
- Replacement of the following codes:
    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, QTY segment, CO C186, DE 6063, codes '201' to 'QCR' Quantity credited
                                        '202' to 'QDB' Quantity debited,
- Addition of the following segment:
    SG2, DTM segment,


- Usage changed for the following segments/data elements:
    BGM segment, DE 1225, X to A
    header RFF segment, R..2 to R..3
    header NAD segment, R..2 to R2
    header NAD segment, CO C082, R to A
    SG1, PRI segment, CO C509, DE 5375, X to R
    SG1, PRI segment, CO C509, DE 5284, X to R
    SG1, STS segment, CO C601, DE 3055, R to N
    SG1, STS segment, CO C556, X to R,


- The codes used in SG1, STS segment, CO C601, DE 9015 are now used in CO C556, DE 9013
  of the same segment,


- The RFF segment, R..2, in SG1, is now the trigger segment of the new SG2, R..5.
  To conform with UN/EDIFACT message design rules this segment group appears at the
  end of SG1, after the STS segment,


- 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

```
┌─────────────────────────────────────────────────────────────────────────────────┐
│  ┌──────────┐                                                      ┌──────────┐   │
│  │          │ ─────────── Price Catalogue ───────────▶            │          │   │
│  │          │                                                      │          │   │
│  │          │ ◀────────── Request for quote ──────────            │          │   │
│  │          │                                                      │          │   │
│  │          │ ─────────────── Quote ─────────────────▶            │          │   │
│  │          │                                                      │          │   │
│  │          │ ◀────────── Request for authorisation ──            │          │   │
│  │ SUPPLIER │                                                      │DISTRIBUTOR│  │
│  │          │ ──────────── 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 <u>Shipping to the End-customer / Claiming from the Manufacturer</u>

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 <u>Where does the Ship from Stock & Debit Claim Response fit in this scenario?</u>

This message is designed to allow a manufacturer to respond to a distributor's Ship from Stock & Debit Claim message.

The manufacturer can respond to one claim with one or multiple response messages. However, a response message may only respond to one claim.

One line item in the claim can only generate one line item in the response. The manufacturer can indicate one of the following actions as to the requested claim line item:

- Accepted without amendment:
  The line item of the claim is entirely accepted by the seller.

- Accepted with amendment:
  The line item of the claim is accepted but amended by the seller.

- Not accepted:
  The line item of the claim is not accepted by the seller.

It is mandatory to specify the distributor claim number in the header of every response and the distributor claim line item reference number in the detail section.

The manufacturer can optionally specify a credit note number in the response message. If the reference is made at header level, the credit note number covers all accepted line items. Alternatively the credit note number can also be specified at detail level.

This message is used in conjunction with the Ship from Stock & Debit Claim message.

## REFERENCES

Refer to the document : Reference list for  the EDIFICE message guidelines – Issue 1

## EXPLANATORY NOTES

Refer to the document : Explanatory notes for the EDIFICE message guidelines – Issue 1

## MESSAGE STRUCTURE CHART

| | | |
|---|---|---|
| UNH | Message header | M 1 |
| BGM | Beginning of message | M 1 |
| DTM | Date/time/period | R 1 |
| RFF | Reference | R ..3 |
| NAD | Name and address | R 2 |
| CUX | Currencies | R 1 |
| SG1 | | R ..200000 |
| LIN | Line item | M 1 |
| PIA | Additional product id | D ..7 |
| QTY | Quantity | D 1 |
| PRI | Price details | D 2 |
| CUX | Currencies | D 1 |
| STS | Status | D ..20 |
| SG2 | | R ..5 |
| RFF | Reference | M 1 |
| DTM | Date/time/period | O 1 |
| UNT | Message trailer | M 1 |

## BRANCHING DIAGRAM

```
0 ─┬────────┬────────┬──────────┬──────────┬──────────┬──────────────────────────┐
   │        │        │          │          │          │                          │
  ┌────┐  ┌────┐  ┌────┐       │          │       ┌────┐                      ┌────┐
  │UNH │  │BGM │  │DTM │       │          │       │CUX │                      │UNT │
  ├─┬──┤  ├─┬──┤  ├─┬──┤       │          │       ├─┬──┤                      ├─┬──┤
  │M│ 1│  │M│ 1│  │R│ 1│       │          │       │R│ 1│                      │M│ 1│
  └─┴──┘  └─┴──┘  └─┴──┘       │          │       └─┴──┘                      └─┴──┘

                                                              ┌──────────┐
1                                                             │   SG1    │
                                          ┌────┐  ┌────┐      ├─┬────────┤
                                          │RFF │  │NAD │      │R│..200000│
                                          ├─┬──┤  ├─┬──┤      ├─┴────────┤
                                          │R│..3│  │R│ 2│     │   LIN    │
                                          └─┴──┘  └─┴──┘      ├─┬────────┤
                                                              │M│   1    │
                                                              └─┴────────┘
```

| | | | | | | |
|---|---|---|---|---|---|---|
| PIA | QTY | PRI | CUX | STS | SG2 | |
| D ..7 | D 1 | D 2 | D 1 | D ..20 | R ..5 | |
| | | | | | RFF | |
| | | | | | M 1 | |

2

| SG2 |
|---|
| R ..5 |
| RFF |
| M 1 |

3

| DTM |
|---|
| O 1 |

EDIFICE SSDRSP D.10A  EDSR10
Based on  UN/ED D.10A S4-D.10A

© EDIFICE 2011
Page  9

Issue Date          01/06/2011
Publication Date    15/06/2011
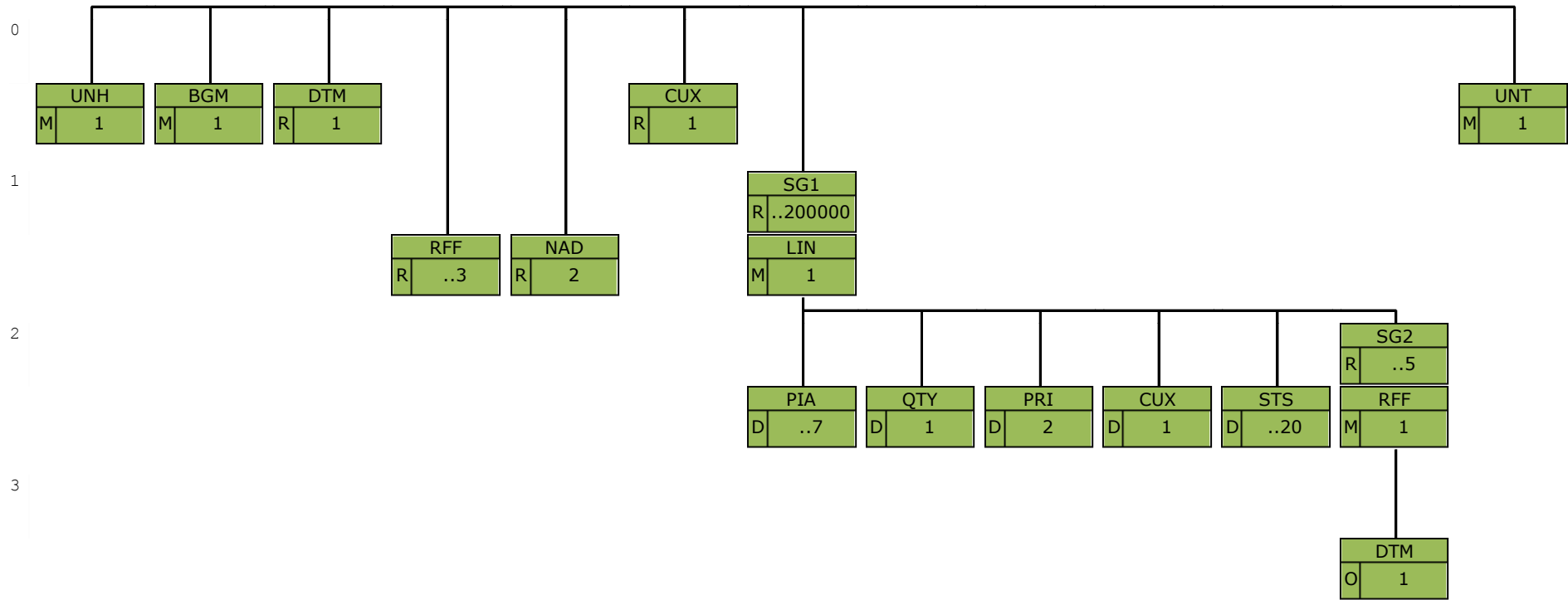
## SEGMENT DESCRIPTION

**UNH**  **Message header**

Function:  A service segment heading, and uniquely identifying the message.
Usage:  M 1

**BGM**  **Beginning of message**

Function:  A segment uniquely identifying the message by means of its coded name, number and function.
Usage:  M 1

**DTM**  **Date/time/period**

Function:  A segment specifying the date/time of creation of the message.
Usage:  R 1

**RFF**  **Reference**

Function:  A segment specifying the buyer's ship from stock & debit claim number and other references, valid for the whole 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 the order currency.
Usage:  R 1

**SG1**  **LIN-PIA-QTY-PRI-CUX-STS-SG2**

Function:  A group of segments providing details of the individual items i.e. claim line items responded to, including the reasons for rejection.
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.
The QTY segment should only be sent when the line item is accepted with or without amendments.
The PRI segments should only be sent when the line item is accepted with or without amendments. Both the catalogue and new buy prices must be specified and are the ones held by the seller.
The STS segment should be sent when the line item is rejected.

**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, and the action taken.
Usage:  M 1

**PIA**  **Additional product id**

Function:  A segment providing additional identification numbers for the line item.
Usage:  D ..7

**QTY**  **Quantity**

Function:  A segment specifying the credited or debited quantity for the line item.
Usage:  D 1

**PRI**  **Price details**

Function:  A segment specifying the line item price, and qualifying information.
Usage:  D 2

**CUX**  **Currencies**

Function:  A segment specifying a currency for all prices.

Usage:      D 1

## STS       Status

Function:   A segment identifying the reason for the line item rejection.
Usage:      D ..20

## SG2       RFF-DTM

Function:   A group of segments specifying references for the line item.
Usage:      R ..5
Notes:


## RFF       Reference

Function:   A segment specifying the line item reference number, and other relevant references.
Usage:      M 1

## DTM       Date/time/period

Function:   A segment specifying the date/time of the reference document.
Usage:      O 1

## UNT       Message trailer

Function:   A service segment ending, and providing information for checking the completeness of a message.
Usage:      M 1

## SEGMENT DETAILS

**UNH**

### 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 EDSS10

| 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 | M | **SSDRSP** = Ship from stock & Debit claim response |
| 0052 | an..3 | M | Message version number | M | **D** = Draft version/UN/EDIFACT Directory |
| 0054 | an..3 | M | Message release number | M | **10A** = Release 2010 - A |
| 0051 | an..3 | M | Controlling agency, coded | M | **ED** = EDIFICE (Electronic industries project) |
| 0057 | an..6 | C | Association assigned code | R | **EDSR10** = Ship from stock & debit claim response Issue EDSR10 |
| 0110 | an..6 | C | Code list directory version number | N | |
| 0113 | an..6 | C | Message type sub-function identification | N | |
| 0068 | an..35 | C | COMMON ACCESS REFERENCE | N | |
| S010 | | C | STATUS OF THE TRANSFER | N | |
| 0070 | n..2 | M | Sequence of transfers | N | |
| 0073 | a1 | C | First and last transfer | N | |
| S016 | | C | MESSAGE SUBSET IDENTIFICATION | N | |
| 0115 | an..14 | M | Message subset identification | N | |
| 0116 | an..3 | C | Message subset version number | N | |
| 0118 | an..3 | C | Message subset release number | N | |
| 0051 | an..3 | C | Controlling agency, coded | N | |
| S017 | | C | MESSAGE IMPLEMENTATION GUIDELINE IDENTIFICATION | N | |
| 0121 | an..14 | M | Message implementation guideline identification | N | |
| 0122 | an..3 | C | Message implementation guideline version number | N | |
| 0124 | an..3 | C | Message implementation guideline release number | N | |
| 0051 | an..3 | C | Controlling agency, coded | N | |
| S018 | | C | SCENARIO IDENTIFICATION | N | |
| 0127 | an..14 | M | Scenario identification | N | |
| 0128 | an..3 | C | Scenario version number | N | |
| 0130 | an..3 | C | Scenario release number | N | |
| 0051 | an..3 | C | Controlling agency, coded | N | |

**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 name code | R | **SSR** = Ship from Stock & Debit Claim Response (*) (*) EDIFICE code |
| 1131   | an..17 | C | Code list identification code | N | |
| 3055   | an..3  | C | Code list responsible agency code | N | |
| 1000   | an..35 | C | Document name | N | |
| C106   |        | C | DOCUMENT/MESSAGE IDENTIFICATION | R | |
| 1004   | an..70 | C | Document identifier | R | Response number |
| 1056   | an..9  | C | Version identifier | N | |
| 1060   | an..6  | C | Revision identifier | N | |
| 1225   | an..3  | C | MESSAGE FUNCTION CODE | A | **9** = Original |
| 4343   | an..3  | C | RESPONSE TYPE CODE | N | |

**DTM**      **Date/time/period**

Function:   A segment specifying the date/time of creation of the message.
Usage   :   R 1
Notes   :

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|------|------|---|------|---|---------------------|
| C507 | | M | DATE/TIME/PERIOD | M | |
| 2005 | an..3 | M | Date or time or period function code qualifier | M | **137** = Document issue date time<br>Date when the document is created |
| 2380 | an..35 | C | Date or time or period text | R | Claim response date |
| 2379 | an..3 | C | Date or time or period format code | R | **102** = CCYYMMDD<br>**203** = CCYYMMDDHHMM<br>**205** = CCYYMMDDHHMMZHHMM<br>*Replaces EDIFICE code*<br>*X03=CCYYMMDDHHMMZZZZZ*<br>**303** = CCYYMMDDHHMMZZZ<br>  *ZZZ = Time zone*<br>**304** = CCYYMMDDHHMMSSZZZ<br>  *ZZZ = Time zone* |

**RFF      Reference**

Function:  A segment specifying the buyer's ship from stock & debit claim number and other references, valid for the whole message.

Usage   :  R ..3

Notes   :  It is required to specify the ship from stock & debit claim number.
           If the credit and/or debit note number are given at detail level, they must not appear here.

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|------|------|---|------|---|---------------------|
| C506 | | M | REFERENCE | M | |
| 1153 | an..3 | M | Reference code qualifier | M | **ACT** = Unique claims reference number of the sender |
| | | | | | *Replaces EDIFICE code SSC=Ship from Stock & debit claim number* |
| | | | | | **CD** = Credit note number |
| | | | | | *Seller's assigned credit note number.* |
| | | | | | **DL** = Debit note number |
| | | | | | *Seller's assigned debit note number.* |
| | | | | | (*) EDIFICE code |
| 1154 | an..70 | C | Reference identifier | R | |
| 1156 | an..6 | C | Document line identifier | N | |
| 1056 | an..9 | C | Version identifier | N | |
| 1060 | an..6 | C | Revision identifier | N | |

## 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.

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|---|---|---|---|---|---|
| 3035 | an..3 | M | PARTY FUNCTION CODE QUALIFIER | M | **BY** = Buyer |
| | | | | | **SE** = Seller |
| C082 | | C | PARTY IDENTIFICATION DETAILS | A | |
| 3039 | an..35 | M | Party identifier | M | |
| 1131 | an..17 | C | Code list identification code | N | |
| 3055 | an..3 | C | Code list responsible agency code | R | **9** = GS1 |
| | | | | | **16** = US, D&B (Dun & Bradstreet Corporation) |
| | | | | | **91** = Assigned by seller or seller's agent |
| | | | | | **92** = Assigned by buyer or buyer's agent |
| C058 | | C | NAME AND ADDRESS | D | |
| 3124 | an..35 | M | Name and address description | M | |
| 3124 | an..35 | C | Name and address description | O | |
| 3124 | an..35 | C | Name and address description | O | |
| 3124 | an..35 | C | Name and address description | O | |
| 3124 | an..35 | C | Name and address description | O | |
| C080 | | C | PARTY NAME | D | |
| 3036 | an..70 | M | Party name | M | |
| 3036 | an..70 | C | Party name | O | |
| 3036 | an..70 | C | Party name | O | |
| 3036 | an..70 | C | Party name | O | |
| 3036 | an..70 | C | Party name | O | |
| 3045 | an..3 | C | Party name format code | N | |
| C059 | | C | STREET | D | |
| 3042 | an..35 | M | Street and number or post office box identifier | M | |
| 3042 | an..35 | C | Street and number or post office box identifier | O | |
| 3042 | an..35 | C | Street and number or post office box identifier | O | |
| 3042 | an..35 | C | Street and number or post office box identifier | O | |
| 3164 | an..35 | C | CITY NAME | D | |
| C819 | | C | COUNTRY SUBDIVISION DETAILS | C | |
| 3229 | an..9 | C | Country subdivision identifier | D | |
| 1131 | an..17 | C | Code list identification code | N | |
| 3055 | an..3 | C | Code list responsible agency code | N | |
| 3228 | an..70 | C | Country subdivision name | N | |
| 3251 | an..17 | C | POSTAL IDENTIFICATION CODE | D | |
| 3207 | an..3 | C | COUNTRY IDENTIFIER | D | Use ISO 3166, 2 alpha code |

**CUX          Currencies**

Function:   A segment specifying the order currency.
Usage   :   R 1
Notes   :

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|---|---|---|---|---|---|
| C504 | | C | CURRENCY DETAILS | R | |
| 6347 | an..3 | M | Currency usage code qualifier | M | **2** = Reference currency |
| 6345 | an..3 | C | Currency identification code | R | Use ISO 4217, 3 alpha code |
| 6343 | an..3 | C | Currency type code qualifier | R | **9** = Order currency |
| | | | | | *Currency used between buyer and seller.* |
| 6348 | n..4 | C | Currency rate | N | |
| C504 | | C | CURRENCY DETAILS | N | |
| 6347 | an..3 | M | Currency usage code qualifier | N | |
| 6345 | an..3 | C | Currency identification code | N | |
| 6343 | an..3 | C | Currency type code qualifier | N | |
| 6348 | n..4 | C | Currency rate | N | |
| 5402 | n..12 | C | CURRENCY EXCHANGE RATE | N | |
| 6341 | an..3 | C | EXCHANGE RATE CURRENCY MARKET IDENTIFIER | N | |

**SG1     LIN-PIA-QTY-PRI-CUX-STS-SG2**

**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, and the action
taken.
Usage   :   M1
Notes   :   This segment specifies whether the claim line item was accepted or not.

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|------|------|---|------|---|---------------------|
| 1082 | an..6 | C | LINE ITEM IDENTIFIER | 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. 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 CODE | R | **5** = Accepted without amendment<br>**6** = Accepted with amendment<br>**7** = Not accepted |
| C212 | | C | ITEM NUMBER IDENTIFICATION | R | |
| 7140 | an..35 | C | Item identifier | R | Primary reference |
| 7143 | an..3 | C | Item type identification code | R | **BP** = Buyer's part number<br>**EN** = International Article Numbering Association (EAN)<br>**MF** = Manufacturer's (producer's) article number<br>**SRV** = EAN.UCC Global Trade Item Number<br>**SSS** = Distributor's article identifier<br>    *Replaces EDIFICE code DI=Distributor's part number*<br>**UP** = UPC (Universal product code)<br>**VP** = Vendor's (seller's) part number |
| 1131 | an..17 | C | Code list identification code | N | |
| 3055 | an..3 | C | Code list responsible agency code | R | **9** = GS1<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** = GS1 US |
| C829 | | C | SUB-LINE INFORMATION | N | |
| 5495 | an..3 | C | Sub-line indicator code | N | |
| 1082 | an..6 | C | Line item identifier | N | |
| 1222 | n..2 | C | CONFIGURATION LEVEL NUMBER | N | |
| 7083 | an..3 | C | CONFIGURATION OPERATION CODE | N | |

**SG1      LIN-PIA-QTY-PRI-CUX-STS-SG2**

## PIA      Additional product id

Function:  A segment providing additional identification numbers for the line item.
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 IDENTIFIER CODE QUALIFIER | M | **1** = Additional identification |
| C212 | | M | ITEM NUMBER IDENTIFICATION | M | |
| 7140 | an..35 | C | Item identifier | R | |
| 7143 | an..3 | C | Item type identification code | R | **BP** = Buyer's part number |
| | | | | | **CV** = Customs article number |
| | | | | | **EN** = International Article Numbering Association (EAN) |
| | | | | | **MF** = Manufacturer's (producer's) article number |
| | | | | | **SRV** = EAN.UCC Global Trade Item Number |
| | | | | | **SSS** = Distributor's article identifier |
| | | | | | *Replaces EDIFICE code DI=Distributor's part number* |
| | | | | | **UP** = UPC (Universal product code) |
| | | | | | **VP** = Vendor's (seller's) part number |
| 1131 | an..17 | C | Code list identification code | N | |
| 3055 | an..3 | C | Code list responsible agency code | R | **9** = GS1 |
| | | | | | **89** = Assigned by distributor |
| | | | | | **90** = Assigned by manufacturer |
| | | | | | **91** = Assigned by seller or seller's agent |
| | | | | | **92** = Assigned by buyer or buyer's agent |
| | | | | | **113** = GS1 US |
| C212 | | C | ITEM NUMBER IDENTIFICATION | O | As for first CO C212 |
| 7140 | an..35 | C | Item identifier | R | |
| 7143 | an..3 | C | Item type identification code | R | |
| 1131 | an..17 | C | Code list identification code | N | |
| 3055 | an..3 | C | Code list responsible agency code | R | |
| C212 | | C | ITEM NUMBER IDENTIFICATION | O | As for first CO C212 |
| 7140 | an..35 | C | Item identifier | R | |
| 7143 | an..3 | C | Item type identification code | R | |
| 1131 | an..17 | C | Code list identification code | N | |
| 3055 | an..3 | C | Code list responsible agency code | R | |
| C212 | | C | ITEM NUMBER IDENTIFICATION | O | As for first CO C212 |
| 7140 | an..35 | C | Item identifier | R | |
| 7143 | an..3 | C | Item type identification code | R | |
| 1131 | an..17 | C | Code list identification code | N | |
| 3055 | an..3 | C | Code list responsible agency code | R | |
| C212 | | C | ITEM NUMBER IDENTIFICATION | O | As for first CO C212 |
| 7140 | an..35 | C | Item identifier | R | |
| 7143 | an..3 | C | Item type identification code | R | |
| 1131 | an..17 | C | Code list identification code | N | |
| 3055 | an..3 | C | Code list responsible agency code | R | |

**SG1     LIN-PIA-QTY-PRI-CUX-STS-SG2**

## QTY     Quantity

Function:   A segment specifying the credited or debited quantity for the line item.
Usage   :   D 1
Notes   :   An invoice from the buyer to the end-customer results in a credited quantity in the response.
            A credit note from the buyer to the end-customer results in a debited quantity in the response.

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|------|------|---|------|---|---------------------|
| C186 | | M | QUANTITY DETAILS | M | |
| 6063 | an..3 | M | Quantity type code qualifier | M | **QCR** = Quantity credited (*) <br> Credit to be made to buyer <br> **QDB** = Quantity debited (*) <br> Debit to be made to buyer <br> (*) EDIFICE code |
| 6060 | an..35 | M | Quantity | M | |
| 6411 | an..8 | C | Measurement unit code | R | **CLT** = centilitre <br> **CMT** = centimetre <br> **EA** = each <br> **GRM** = gram <br> **H87** = piece <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> EDIFICE Code 'PCE' is widely adopted by membership and preferred over the EDIFACT code 'H87' <br> (*) EDIFICE code <br> Other codes should be previously agreed between trading partners. |

**SG1      LIN-PIA-QTY-PRI-CUX-STS-SG2**

**PRI      Price details**

Function:    A segment specifying the line item price, and qualifying information.
Usage   :    D 2
Notes   :

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|------|------|---|------|---|---------------------|
| C509 | | C | PRICE INFORMATION | R | |
| 5125 | an..3 | M | Price code qualifier | M | **AAA** = Calculation net |
| 5118 | n..15 | C | Price amount | R | |
| 5375 | an..3 | C | Price type code | R | **CA** = Catalogue<br>*Stocking price used between the buyer and seller.* |
| | | | | | **NBP** = New buy price (*)<br>Re-negotiated buy price between the  buyer and seller. |
| | | | | | (*) EDIFICE code |
| 5387 | an..3 | C | Price specification code | N | |
| 5284 | n..9 | C | Unit price basis quantity | R | |
| 6411 | an..8 | C | Measurement unit code | R | **CLT** = centilitre<br>**CMT** = centimetre<br>**EA** = each<br>**GRM** = gram<br>**H87** = piece<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>EDIFICE Code 'PCE' is widely adopted by membership and preferred over the EDIFACT code 'H87' |
| | | | | | (*) EDIFICE code<br>Other codes should be previously agreed between trading partners. |
| 5213 | an..3 | C | SUB-LINE ITEM PRICE CHANGE OPERATION CODE | N | |

**SG1        LIN-PIA-QTY-PRI-CUX-STS-SG2**

**CUX        Currencies**

Function:   A segment specifying a currency for all prices.
Usage   :   D 1
Notes   :   Only used if the currency on line level is different from the currency specified on header level.

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|------|------|---|------|---|---------------------|
| C504 | | C | CURRENCY DETAILS | C | |
| 6347 | an..3 | M | Currency usage code qualifier | M | **2** = Reference currency |
| 6345 | an..3 | C | Currency identification code | R | Use ISO 4217, 3 alpha code |
| 6343 | an..3 | C | Currency type code qualifier | R | **4** = Invoicing currency |
| | | | | | *end-customer currency* |
| 6348 | n..4 | C | Currency rate | N | |
| C504 | | C | CURRENCY DETAILS | N | |
| 6347 | an..3 | M | Currency usage code qualifier | N | |
| 6345 | an..3 | C | Currency identification code | N | |
| 6343 | an..3 | C | Currency type code qualifier | N | |
| 6348 | n..4 | C | Currency rate | N | |
| 5402 | n..12 | C | CURRENCY EXCHANGE RATE | N | |
| 6341 | an..3 | C | EXCHANGE RATE CURRENCY MARKET IDENTIFIER | N | |

**SG1      LIN-PIA-QTY-PRI-CUX-STS-SG2**

**STS      Status**

Function: A segment identifying the reason for the line item rejection.
Usage  :  D..20
Notes  :  Several reject reason codes can be specified for one rejected line item.

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|------|------|---|------|---|---------------------|
| C601 | | C | STATUS CATEGORY | R | |
| 9015 | an..3 | M | Status category code | M | **7** = Transaction<br>*Replaces EDIFICE code T=Trade* |
| 1131 | an..17 | C | Code list identification code | N | |
| 3055 | an..3 | C | Code list responsible agency code | N | |
| C555 | | C | STATUS | N | |
| 4405 | an..3 | M | Status description code | N | |
| 1131 | an..17 | C | Code list identification code | N | |
| 3055 | an..3 | C | Code list responsible agency code | N | |
| 4404 | an..35 | C | Status description | N | |
| C556 | | C | STATUS REASON | R | |
| 9013 | an..3 | M | Status reason description code | M | **AAA** = Invalid authorisation number (*)<br>**AAB** = Authorisation expired (*)<br>**AAC** = Product not on authorisation (*)<br>**AAD** = Invalid ship quantity (*)<br>**AAE** = Invalid end-customer code (*)<br>**AAF** = Invalid ship date (*)<br> Invoice or Credit note date<br>**AAG** = Duplicate claim (*)<br>**AAH** = Quantity fulfilled (*)<br>**AAI** = Resale-at-cost higher than disti-cost (*)<br>**AAJ** = Invalid distributor cost (*)<br>**AAK** = Invalid resale-to-trade (*)<br>**AAL** = Invalid resale-at-cost (*)<br>**AAM** = Authorisation on hold (*)<br>**AAN** = Below minimum claim quantity or price level (*)<br>**AAO** = Invalid authorisation line number reference (*)<br>**AAP** = Invalid currency code for resale-at-cost and DC (*)<br>**AAQ** = Invalid currency for resale-to-trade (*)<br>**AAR** = Invalid invoice (*)<br>**AXX** = Other reject code (*)<br>(*) EDIFICE code |
| 1131 | an..17 | C | Code list identification code | N | |
| 3055 | an..3 | C | Code list responsible agency code | N | |
| 9012 | an..256 | C | Status reason description | N | |
| C556 | | C | STATUS REASON | D | As for first CO C556 |
| 9013 | an..3 | M | Status reason description code | M | |
| 1131 | an..17 | C | Code list identification code | N | |
| 3055 | an..3 | C | Code list responsible agency code | N | |
| 9012 | an..256 | C | Status reason description | N | |
| C556 | | C | STATUS REASON | D | As for first CO C556 |
| 9013 | an..3 | M | Status reason description code | M | |
| 1131 | an..17 | C | Code list identification code | N | |
| 3055 | an..3 | C | Code list responsible agency code | N | |
| 9012 | an..256 | C | Status reason description | N | |
| C556 | | C | STATUS REASON | D | As for first CO C556 |
| 9013 | an..3 | M | Status reason description code | M | |
| 1131 | an..17 | C | Code list identification code | N | |
| 3055 | an..3 | C | Code list responsible agency code | N | |
| 9012 | an..256 | C | Status reason description | N | |
| C556 | | C | STATUS REASON | D | As for first CO C556 |
| 9013 | an..3 | M | Status reason description code | M | |
| 1131 | an..17 | C | Code list identification code | N | |
| 3055 | an..3 | C | Code list responsible agency code | N | |
| 9012 | an..256 | C | Status reason description | N | |

**SG2        RFF-DTM**

**RFF        Reference**

Function:   A segment specifying the line item reference number, and other relevant references.
Usage  :   M1
Notes  :   It is required to send an RFF segment specifying a line item reference number.
           If the credit note number and/or debit note number are given at header level, they should not appear
           here.

| Ref.   Rep. | | Name | | EDIFICE Utilisation |
|---|---|---|---|---|
| C506 | M | REFERENCE | M | |
| 1153 an..3 | M | Reference code qualifier | M | **AGO** = Sender's reference to the original message |
| | | | | *Invoice or credit note number specified by* |
| | | | | *the buyer.* |
| | | | | *DE 1154 = (R)* |
| | | | | *DE 1156 = (O)* |
| | | | | **AU** = Authorization to meet competition number |
| | | | | *DE 1154 = (R)* |
| | | | | *DE 1156 = (O)* |
| | | | | **CD** = Credit note number |
| | | | | *Seller's assigned credit note number.* |
| | | | | *DE 1154 = (R)* |
| | | | | *DE 1156 = (O)* |
| | | | | **DL** = Debit note number |
| | | | | *Seller's assigned debit note number.* |
| | | | | *DE 1154 = (R)* |
| | | | | *DE 1156 = (O)* |
| | | | | **LI** = Document line identifier |
| | | | | *Claim line item reference number.* |
| | | | | *DE 1154 = (N)* |
| | | | | *DE 1156 = (R)* |
| 1154 an..70 | C | Reference identifier | D | See DE 1153 |
| 1156 an..6 | C | Document line identifier | D | See DE 1153 |
| 1056 an..9 | C | Version identifier | N | |
| 1060 an..6 | C | Revision identifier | N | |

DTM

## DTM      Date/time/period

Function:    A segment specifying the date/time of the reference document.
Usage   :    O 1
Notes   :

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|------|------|---|------|---|---------------------|
| C507 | | M | DATE/TIME/PERIOD | M | |
| 2005 | an..3 | M | Date or time or period function code qualifier | M | **137** = Document issue date time |
| 2380 | an..35 | C | Date or time or period text | R | |
| 2379 | an..3 | C | Date or time or period format code | R | **102** = CCYYMMDD |
| | | | | | **203** = CCYYMMDDHHMM |
| | | | | | **205** = CCYYMMDDHHMMZHHMM |
| | | | | | *Replaces EDIFICE code* |
| | | | | | *X03=CCYYMMDDHHMMZZZZZ* |
| | | | | | **303** = CCYYMMDDHHMMZZZ |
| | | | | | *ZZZ = Time zone* |
| | | | | | **304** = CCYYMMDDHHMMSSZZZ |
| | | | | | *ZZZ = Time zone* |

## 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 EDSS10

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|------|------|---|------|---|---------------------|
| 0074 | n..10 | 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

Line item 1: accepted without amendment
Line item 2: not accepted

```
UNB+UNOW:4+234567891:1:X+198765432:1:X+971201:1924+66+X:AA+SSDRSP++1+X+1'
UNH+1+SSDRSP:D:10A:ED:EDSR10'

BGM+SSR+110123+9'
DTM+137:20100502:102'
RFF+SSC:4938'
NAD+BY+BUYERCODE::92'
NAD+SE+SELLERCODE::91'
CUX+2:EUR:9'

LIN+1+5+PRODCODE1:VP::91'
QTY+QCR:1000:PCE'
PRI+AAA:1.80:CA::1:PCE'
PRI+AAA:1.00:NBP::1:PCE'
RFF+LI::25'
RFF+AGO:INVNUMBER1'
DTM+137:20100420:102'

LIN+2+7+PRODCODE2:VP::91'
STS+T++AAB+AAH'
RFF+LI::26'
RFF+AGO:INVNUMBER1'
DTM+137:20100420:102'

UNT+20+1'

UNZ+1+66'
```