**The European B2B Forum for the Electronics Industry**

## EDIFICE Message Implementation Guideline
## Delivery just in time

**DELJIT Issue EDDJ05**

**Endorsed 15 June 2005**

**Based on UN/EDIFACT D.97A DELJIT Message**

## TABLE OF CONTENTS

## COMPARISON TO PREVIOUS ISSUE

Issue EDDJ05 of 1 June 2005:
- Upgrade to UN/EDIFACT Code list D.04B
Replacement of EDIFICE codes with standard codes.
- SG7 - PAC - DE 7065:
  'CN' Container replaced with 'CN' Container, not otherwise specified as transport equipment
  'PE' Pallet replaced with 'PX' Pallet

12 May 2004 : EDIFIX 5.0 Technical Upgrade
- The 'KMT' qualifier in SEG QTY 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 EDDJ04 of 13 November 2002 is based on UN/EDIFACT D97.A / Code List D01.A
- Addition of the following code value:
       SG7, LIN segment, CO C212, DE 7143 codes 'SRV' EAN.UCC Global Trade Item Number
       SG7, PIA segment, CO C212, DE 7143 codes 'SRV' EAN.UCC Global Trade Item Number

Issue EDDJ03; Publication date 29 May 2002 – addition of recommended set of DTM qualifiers


Issue EDDJ03 includes the changes that have been made to the issue 2 of the Delivery Just In Time document endorsed by the EDIFICE Plenary on 6 September 1993. 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, codes '201' YYMMDDHHMM
                                             '203' CCYYMMDDHHMM
                                           '301' YYMMDDHHMMZZZ
                                           '303' CCYYMMDDHHMMZZZ
    BGM segment, CO C106, DE 1225, code '9' Original
    SG1, RFF segment, DE 1153, codes 'GC'  Government contract number
                                       'AAD' Contract addendum number
    SG2, NAD segments, DE 3055, code '16' DUNS (Dun & Bradstreet)
    SG3, COM segment, DE 3155, code 'EM' Electronic mail
    SG7, LIN segment, DE 7143, codes 'DI' Distributor's part number
                        'MF' Manufacturer's (producer's) article number and
                        'UP' UPC (Universal product code)
    SG7, LIN segment, DE 3055, codes '89'  Assigned by distributor
                        '90'  Assigned by manufacturer and
                        '113' US, UCC (Uniform Code Council)
    SG7, PIA segment, DE 7143, codes 'AA' Product version number
                        'CL' Color number
                        'DI' Distributor's part number
                        'MF' Manufacturer's (producer's) article number
                        'MN' Model number
                        'SN' Serial number and
                        'UP' UPC (Universal product code)
    SG7, PIA segment, DE 3055, codes '89' Assigned by distributor
                        '90' Assigned by manufacturer and
                        '113' US, UCC (Uniform Code Council)
    SG8, RFF segment, CO C506, DE 1153, code 'AAD' Contract addendum number
    SG11, DTM segment, CO C507, DE 2005, code '10' Shipment date/time, requested,

- Addition of the following segment groups/segment:
    SG1, DTM segment
    SG7, IMD segment
    SG7, PAC segment,

- Deletion of the following segment:
    SG7, QTY segment (inserted by EDIFICE),

- Replacement of the following segment
    SG9, LOC segment by SG4, LOC segment,

- Replacement of the following codes:
    BGM segment, CO C002, DE 1001, code  '245' to '242' Delivery just-in-time
    SG4, LOC segment, DE 3227, code '7' to '88' Place of receipt,

- Deletion of the following code values:
    SG1, RFF segment, DE 1153, code 'ON' Order number (purchase)

SG2, NAD segment, DE 3035, codes 'FW' Freight forwarder
                                                           'IV' Invoicee
SG5, COM segment, DE 3155, code 'TL' Telex
SG8, RFF segment, DE 1153, code 'ON' Order number (purchase)
SG11, QTY segment, DE 6063, code '1' discrete quantity,

- Usage changed for the following segment groups/segments/data elements:
    BGM segment, DE 1225, X to A
    SG1, D..3 to A..5
    SG2, R..5 to R3
    SG3, COM segment, R..3 to O..3
    SG3, CTA segment, CO C056, DE 3412, A to D
    SG4, LOC segment, CO C517, DE 3225, R to A
    SG4, LOC segment, CO C517, DE 3055, R to D
    SG4, LOC segment, CO C517, DE 3224, X to D
    SG4, PIA segment, R..10 to D..10
    SG8, A..5 to D..5
    SG8, RFF segment, CO C506, DE 1154, D to R
    SG8, RFF segment, CO C506, DE 1156, D to O
    SG11, QTY segment, CO C186, DE 6411, O to R
    SG12, A1 to A..4,

- 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 to bring into line with the DELFOR guideline,

- Update of the 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 Delivery Just in Time (DELJIT) Message is part of a business cycle which includes Blanket Purchase Order, Delivery Schedule, and call-off activities. It will normally be used where trading partners have a stable trading environment, and multiple deliveries of stable product requirements exist. The DELJIT will call-off goods over an extended time period. It is a message from buyer to seller conveying precise delivery sequence and Just in Time Delivery schedule requirements.

Forecast and separate call-off
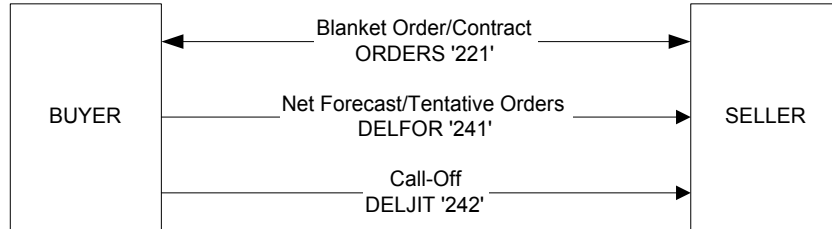


The message will supplement certain shipping and delivery information transmitted in a previous Delivery Schedule, Forecast, Blanket Purchase Order. It can not be used to change any firm commitments previously stated in the Delivery Schedule Message (DELFOR) or the Blanket Purchase Orders Message (ORDERS).

The use of this message will facilitate the practice of Just in Time (JIT) manufacturing by providing the buyer with a mechanism to issue precise shipping schedule requirements in terms of a 24 hour clock and on a more frequent basis than with the issuance of a delivery schedule transaction, e.g. daily shipping schedules versus weekly planning schedules.

## 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                         M 1
    ┌───SG1                                             A..5
    │   RFF    REFERENCE                                M 1
    └───DTM    DATE/TIME/PERIOD                         D 1
    ┌───SG2                                             R 3
    │   NAD    NAME AND ADDRESS                         M 1
    │ ┌─SG3                                             O..2
    │ │ CTA    CONTACT INFORMATION                      M 1
    │ └─COM    COMMUNICATION CONTACT                    O..3
    ┌───SG4                                             M..10
    │   SEQ    SEQUENCE DETAILS                         M 1
    │   LOC    PLACE/LOCATION IDENTIFICATION            O 1
    │ ┌─SG7                                             R..9999
    │ │ LIN    LINE ITEM                                M 1
    │ │ PIA    ADDITIONAL PRODUCT ID                    D..10
    │ │ IMD    ITEM DESCRIPTION                         D 1
    │ │ PAC    PACKAGE                                  D 1
    │ ├─SG8                                             D..5
    │ └─RFF    REFERENCE                                M 1
    │ ┌─SG11                                            R..100
    │ │ QTY    QUANTITY                                 M 1
    │ │ DTM    DATE/TIME/PERIOD                         R 1
    │ ├─SG12                                            A..4
    └─┴─RFF    REFERENCE                                M 1
        UNT    MESSAGE TRAILER                          M 1
```

**BRANCHING DIAGRAM**



| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | | | | | |

```
        UNH      BGM                                                                          UNT
        M   1    M   1                                                                        M   1

1                              SG1      SG2      SG4
                               A   ..5  R   3    M   ..10
                      DTM      RFF      NAD      SEQ
                      M   1    M   1    M   1    M   1

2                                       SG3               SG7
                                        O   ..2           R   ..9999
                               DTM      CTA      LOC       LIN
                               D   1    M   1    O   1     M   1

3                                                                                    SG8      SG11
                                                                                     D   ..5  R   ..100
                                        COM              PIA      IMD      PAC       RFF      QTY
                                        O   ..3          D   ..10  D   1    D   1     M   1    M   1

4                                                                                             SG12
                                                                                              A   ..4
                                                                                     DTM      RFF
                                                                                     R   1    M   1
```
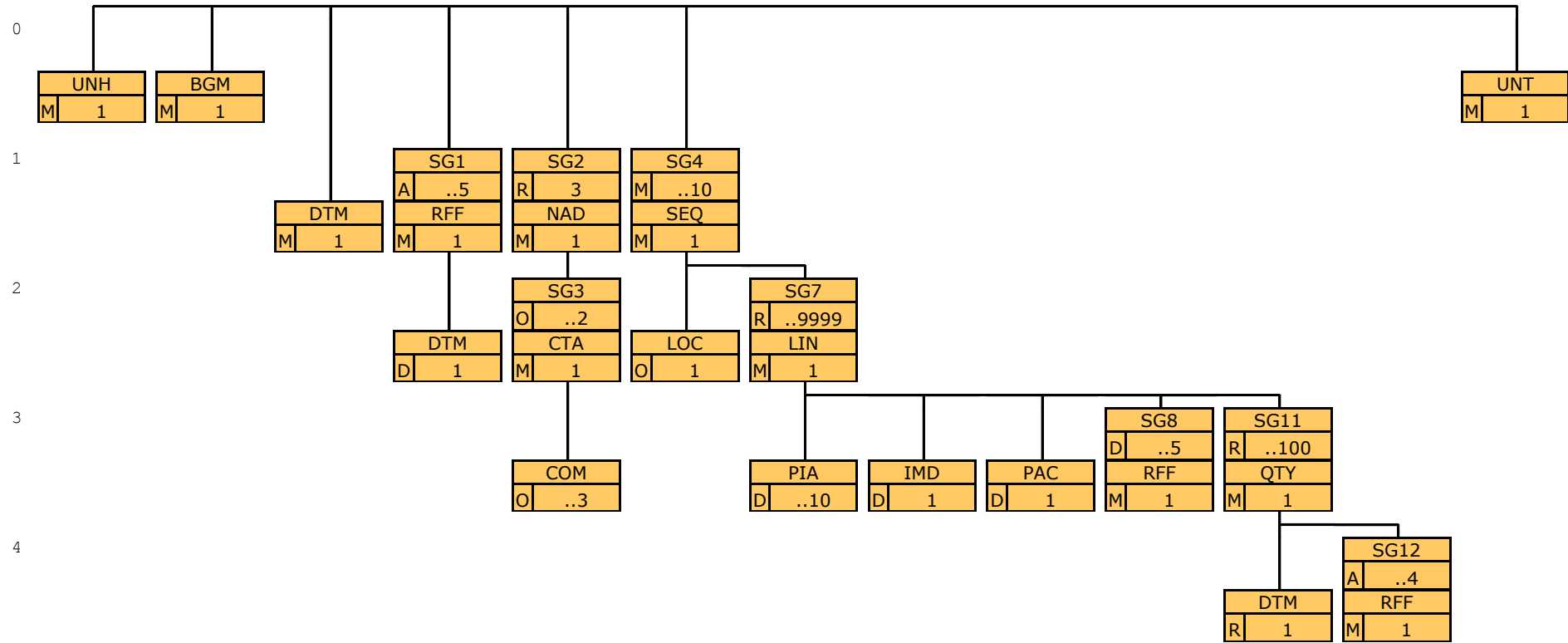
## SEGMENT GROUPS/SEGMENTS DESCRIPTION

### 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 creatin of the message.
Usage:     M1

### SG1     RFF-DTM

Function:   A group of segments referencing documents and their dates, relating to the whole message.
Usage:     A ..5
Notes:     Where the document reference relates to the whole message it must be sent in SG1.
           Where the document reference is not the same in every line item it must appear in every LIN segment and not here.
           If the line number of the reference document needs to be specified, both document and line number are specified in the RFF segment of SG8, even if the document number applies to the whole message. In this case the document number should not be shown in the RFF segment of SG1.
           The DTM segment must be sent where local law requires the date of a reference document to be sent.

### RFF     REFERENCE

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

### DTM     DATE/TIME/PERIOD

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

### SG2     NAD-SG3

Function:   A group of segments identifying the parties involved and their associated information, relevant to the whole
           message.
Usage:     R 3
Notes:

### NAD     NAME AND ADDRESS

Function:   A segment identifying the function and coded identification, name and address of a party involved.
Usage:     M1

### SG3     CTA-COM

Function:   A group of segments giving contact details of the specific person or department within the identified buying party involved, to whom communication should be directed.
Usage:     O ..2
Notes:     This segment group will only be used under the NAD identifying the buyer.

### CTA     CONTACT INFORMATION

Function:   A segment identifying a person or department, and their function.
Usage:     M1

### COM     COMMUNICATION CONTACT

Function:   A segment identifying a communications type and number.

Usage:     O..3

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## SG4     SEQ-LOC-SG7

Function:    A group of segments identifying a specific location at the delivery point and providing delivery details of the
                individual line items i.e. products actually to be delivered.
Usage:       M..10
Notes:

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## SEQ     SEQUENCE DETAILS

Function:    A segment enabling access to the remainder of SG4.
Usage:       M1

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## LOC     PLACE/LOCATION IDENTIFICATION

Function:    A segment identifying a specific location or place at the delivery point.
Usage:       O1

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## SG7     LIN-PIA-IMD-PAC-SG8-SG11

Function:    A group of segments providing delivery details of the individual line items i.e. products actually to be
                delivered.
Usage:       R..9999
Notes:       The PIA segment is dependent on whether the primary reference to the line item being ordered/forecast is
                insufficient to identify the item.
                The IMD segment is used to provide an additional description of the primary reference to the line item
                being ordered/forecast. It may also be used for items that can not be identified by a code or article
                number.
                The PAC segment is used to specify any alternative packaging methods which have been agreed between
                trading partners.
                SG8 must be sent if references occur at line level.

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## 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

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## PIA     ADDITIONAL PRODUCT ID

Function:    A segment providing additional identification numbers for the line item.
Usage:       D..10

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## IMD     ITEM DESCRIPTION

Function:    A segment specifying ship to stock or ship to line quality and/or an additional description in clear or coded
                form, for the line item.
Usage:       D1

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## PAC     PACKAGE

Function:    A segment specifying the product package type.
Usage:       D1

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## SG8     RFF

Function:    A group of segments referencing documents for the line item.
Usage:       D..5
Notes:       If a reference document applies to the whole message it should be sent at header level (SG1). Where the
                document reference differs by line then use only this segment group. This segment group should not be
                used to override SG1.
                If the line number of the reference document needs to be specified, both document and line number are
                specified in the RFF segment of SG8, even if the document number applies to the whole message. In this
                case the document number should not be shown in the RFF segment of SG1.

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## RFF     REFERENCE

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Function:   A segment specifying a document reference number and its appropriate line number.
Usage:      M1


## SG11      QTY-DTM-SG12

Function:   A group of segments specifying quantity and date information for delivery of the line item.
Usage:      R ..100
Notes:


## QTY      QUANTITY

Function:   A segment specifying the delivery quantity for the line item.
Usage:      M1


## DTM      DATE/TIME/PERIOD

Function:   A segment specifying the date/time relating to the delivery quantity.
Usage:      R 1


## SG12      RFF

Function:   A group of segments referencing documents relating to the delivery quantity and date/time.
Usage:      A ..4
Notes:


## RFF      REFERENCE

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


## UNT      MESSAGE TRAILER

Function:   A service segment ending, and providing information for checking the completeness of a message.
Usage:      M1

## SEGMENT DETAILS

**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 EDSS04

| 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 | DELJIT = Delivery just in time message |
| 0052 | an..3 | M | Message type version number | M | D = Draft version/UN/EDIFACT Directory |
| 0054 | an..3 | M | Message type release number | M | 97A = Release 1997 - A |
| 0051 | an..2 | M | Controlling agency | M | UN = UN/CEFACT |
| 0057 | an..6 | C | Association assigned code | R | EDDJ05 = Delivery just in time message Issue EDDJ05 |
| 0068 | an..35 | C | COMMON ACCESS REFERENCE | N | |
| S010 | | C | STATUS OF THE TRANSFER | N | |
| 0070 | n..2 | M | Sequence message transfer number | N | |
| 0073 | a1 | C | First/last sequence message transfer indication | 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/message name, coded | R | 242 = Delivery just-in-time |
| 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 | Delivery just-in-time 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 creatin of the message.
Usage :     M1
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 |
| | | | | | Date when the document is created |
| 2380 | an..35 | C | Date/time/period | R | |
| 2379 | an..3 | C | Date/time/period format qualifier | R | 102 = CCYYMMDD |
| | | | | | 203 = CCYYMMDDHHMM |
| | | | | | 303 = CCYYMMDDHHMMZZZ |
| | | | | | ZZZ = Time zone |
| | | | | | 304 = CCYYMMDDHHMMSSZZZ |
| | | | | | ZZZ = Time zone |
| | | | | | X03 = CCYYMMDDHHMMZZZZZ (*) |
| | | | | | ZZZZZ = Time zone |
| | | | | | X04 = CCYYMMDDHHMMSSZZZZZ (*) |
| | | | | | ZZZZZ = Time zone |
| | | | | | (*) EDIFICE code |

**RFF      REFERENCE**

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

| Ref.    Rep. | | Name | | EDIFICE Utilisation |
|---|---|---|---|---|
| C506 | M | REFERENCE | M | |
| 1153 an..3 | M | Reference qualifier | M | AAD = Contract addendum number |
| | | | | AAN = Delivery schedule number |
| | | | | BO = Blanket order number |
| | | | | CT = Contract number |
| | | | | GC = Government contract number |
| 1154 an..35 | C | Reference number | R | |
| 1156 an..6 | C | Line number | N | |
| 4000 an..35 | C | Reference version number | N | |

**SG1        RFF-DTM**

**DTM        DATE/TIME/PERIOD**

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

| Ref.    Rep.       Name | | EDIFICE Utilisation |
|---|---|---|
| C507        M   DATE/TIME/PERIOD | M | |
| 2005  an..3   M   Date/time/period qualifier | M | 171 = Reference date/time |
| 2380  an..35  C   Date/time/period | R | |
| 2379  an..3   C   Date/time/period format qualifier | R | 102 = CCYYMMDD |
| | | 203 = CCYYMMDDHHMM |
| | | 303 = CCYYMMDDHHMMZZZ |
| | | ZZZ = Time zone |
| | | 304 = CCYYMMDDHHMMSSZZZ |
| | | ZZZ = Time zone |
| | | X03 = CCYYMMDDHHMMZZZZZ (*) |
| | | ZZZZZ = Time zone |
| | | X04 = CCYYMMDDHHMMSSZZZZZ (*) |
| | | ZZZZZ = Time zone |
| | | (*) EDIFICE code |

## NAD      NAME AND ADDRESS

Function:   A segment identifying the function and coded identification, name and address of a party involved.
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 | BY = Buyer |
| | | | | | DP = Delivery party |
| | | | | | 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) |
| | | | | | 16 = DUNS (Dun & Bradstreet) |
| | | | | | 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 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 | N | |
| 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 |

**SG3    CTA-COM**

**CTA    CONTACT INFORMATION**

Function:  A segment identifying a person or department, and their function.
Usage :   M1
Notes :

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|------|------|---|------|---|---------------------|
| 3139 | an..3 | C | CONTACT FUNCTION, CODED | R | PD = Purchasing contact<br>SC = Schedule contact |
| C056 | | C | DEPARTMENT OR EMPLOYEE DETAILS | R | If a code is available use DE 3413, otherwise use DE 3412. |
| 3413 | an..17 | C | Department or employee identification | D | |
| 3412 | an..35 | C | Department or employee | D | |

**COM     COMMUNICATION CONTACT**

Function:    A segment identifying a communications type and number.
Usage :     O..3
Notes :

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|------|------|---|------|---|---------------------|
| C076 | | M | COMMUNICATION CONTACT | M | |
| 3148 | an..512 | M | Communication number | M | |
| 3155 | an..3 | M | Communication channel qualifier | M | EM = Electronic mail |
| | | | | | FX = Telefax |
| | | | | | TE = Telephone |

**SG4　　SEQ-LOC-SG7**

## SEQ　　SEQUENCE DETAILS

Function:　A segment enabling access to the remainder of SG4.
Usage :　　M1
Notes :

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|------|------|---|------|---|---------------------|
| 1245 | an..3 | C | STATUS INDICATOR, CODED | R | 3 = Created new |
| C286 | | C | SEQUENCE INFORMATION | N | |
| 1050 | an..10 | M | Sequence number | N | |
| 1159 | an..3 | C | Sequence number source, coded | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |

**SG4      SEQ-LOC-SG7**

## LOC      PLACE/LOCATION IDENTIFICATION

Function:   A segment identifying a specific location or place at the delivery point.
Usage :     O 1
Notes :     This segment is to be used to specify the exact location within the factory/plant where the goods are to be delivered. This segment is not used where the delivery address information given in the NAD segment provides sufficient identification.

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|------|------|---|------|---|---------------------|
| 3227 | an..3 | M | PLACE/LOCATION QUALIFIER | M | 88 = Place of receipt |
| C517 | | C | LOCATION IDENTIFICATION | R | It is advised that DE 3225 be used together with DE 3055 rather than DE 3224. |
| 3225 | an..25 | C | Place/location identification | A | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | D | 92 = Assigned by buyer or buyer's agent |
| 3224 | an..70 | C | Place/location | D | |
| C519 | | C | RELATED LOCATION ONE IDENTIFICATION | N | |
| 3223 | an..25 | C | Related place/location one identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 3222 | an..70 | C | Related place/location one | N | |
| C553 | | C | RELATED LOCATION TWO IDENTIFICATION | N | |
| 3233 | an..25 | C | Related place/location two identification | N | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 3232 | an..70 | C | Related place/location two | N | |
| 5479 | an..3 | C | RELATION, CODED | N | |

**SG7      LIN-PIA-IMD-PAC-SG8-SG11**

**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 :       For a line item referring to a service which has no coded identification, the primary identification is found
in segment IMD, rather than in CO C212.

| 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 | A | |
| 7140 | an..35 | C | Item number | R | Primary reference |
| 7143 | an..3 | C | Item number type, coded | R | BP = Buyer's part number<br>DI = Distributor'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>UP = UPC (Universal product code)<br>VP = Vendor's (seller's) part number<br>(*) EDIFICE code |
| 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 | N | |
| 1082 | an..6 | C | Line item number | N | |
| 1222 | n..2 | C | CONFIGURATION LEVEL | N | |
| 7083 | an..3 | C | CONFIGURATION, CODED | N | |

**SG7    LIN-PIA-IMD-PAC-SG8-SG11**

## PIA    ADDITIONAL PRODUCT ID

Function:   A segment providing additional identification numbers for the line item.
Usage :     D..10
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 | AA = Product version number |
| | | | | | Release number of a product |
| | | | | | BP = Buyer's part number |
| | | | | | CL = Color number |
| | | | | | CV = Customs article number |
| | | | | | DI = Distributor's part number (*) |
| | | | | | DR = Drawing revision number |
| | | | | | DW = Drawing |
| | | | | | EC = Engineering change level |
| | | | | | EN = International Article Numbering Association (EAN) |
| | | | | | GS = General specification number |
| | | | | | MF = Manufacturer's (producer's) article number |
| | | | | | MN = Model number |
| | | | | | SG = Standard group of products (mixed assortment) |
| | | | | | SN = Serial number |
| | | | | | SRV = EAN.UCC Global Trade Item Number |
| | | | | | UP = UPC (Universal product code) |
| | | | | | VP = Vendor's (seller's) part number |
| | | | | | VX = Vendor specification number |
| | | | | | (*) EDIFICE code |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | R | 9 = EAN (International Article Numbering association) |
| | | | | | 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 = US, UCC (Uniform Code Council) |
| 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 | |
| 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 | |

**SG7      LIN-PIA-IMD-PAC-SG8-SG11**

**IMD      ITEM DESCRIPTION**

Function:   A segment specifying ship to stock or ship to line quality and/or an additional description in clear or coded form, for the line item.

Usage :     D 1

Notes :

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|------|------|---|------|---|---------------------|
| 7077 | an..3 | C | ITEM DESCRIPTION TYPE, CODED | D | C = Code (from industry code list)<br>F = Free-form |
| 7081 | an..3 | C | ITEM CHARACTERISTIC, CODED | O | 3 = Ship to stock<br>26 = Ship to line |
| C273 | | C | ITEM DESCRIPTION | D | Use DE 7009 for a coded description. If no code is available use DE 7008 instead. |
| 7009 | an..17 | C | Item description identification | A | |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | N | |
| 7008 | an..35 | C | Item description | D | |
| 7008 | an..35 | C | Item description | O | |
| 3453 | an..3 | C | Language, coded | N | |
| 7383 | an..3 | C | SURFACE/LAYER INDICATOR, CODED | N | |

**SG7      LIN-PIA-IMD-PAC-SG8-SG11**

**PAC      PACKAGE**

Function:   A segment specifying the product package type.
Usage :     D 1
Notes :

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|------|------|---|------|---|---------------------|
| 7224 | n..8 | C | NUMBER OF PACKAGES | N | |
| C531 | | C | PACKAGING DETAILS | N | |
| 7075 | an..3 | C | Packaging level, coded | N | |
| 7233 | an..3 | C | Packaging related information, coded | N | |
| 7073 | an..3 | C | Packaging terms and conditions, coded | N | |
| C202 | | C | PACKAGE TYPE | R | |
| 7065 | an..17 | C | Type of packages identification | R | The following codes are taken from EIDX documentation:<br>  BLK90 = Standard Bulk<br>  RAL90 = Standard Rail (semiconductor)<br>  REL90 = Standard Reel<br>  TRY90 = Standard Tray<br>The following codes are taken from UN/ECE Recommendation no.21, (TDED 5.8):<br>    BA = Barrel<br>    BB = Bobbin<br>    BE = Bundle<br>    BG = Bag<br>    BQ = Bottle, protected cylindrical<br>    BV = Bottle, protected bulbous<br>    BX = Box<br>    CG = Cage<br>    CN = Container, not otherwise specified as transport equipment<br>    CR = Crate<br>    CS = Case<br>    CT = Carton<br>    CX = Can, cylindrical<br>    DR = Drum<br>    EN = Envelope<br>    NE = Unpacked or unpackaged<br>    PC = Parcel<br>    PK = Package<br>    PU = Tray<br>    PX = Pallet<br>    RL = Reel<br>    RO = Roll<br>    SW = Shrinkwrapped<br>    TN = Tin<br>    TU = Tube<br>Other codes should be previously agreed between trading partners. |
| 1131 | an..3 | C | Code list qualifier | N | |
| 3055 | an..3 | C | Code list responsible agency, coded | D | Only used if the code is taken from EIDX documentation.<br>116 = US, ANSI ASC X12 |
| 7064 | an..35 | C | Type of packages | N | |
| C402 | | C | PACKAGE TYPE IDENTIFICATION | N | |
| 7077 | an..3 | M | Item description type, coded | N | |
| 7064 | an..35 | M | Type of packages | N | |
| 7143 | an..3 | C | Item number type, coded | N | |
| 7064 | an..35 | C | Type of packages | N | |
| 7143 | an..3 | C | Item number type, coded | N | |
| C532 | | C | RETURNABLE PACKAGE DETAILS | N | |
| 8395 | an..3 | C | Returnable package freight payment responsibility, coded | N | |

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|------|------|---|------|---|---------------------|
| 8393 | an..3 | C | Returnable package load contents, coded | N | |

**SG8      RFF**

**RFF      REFERENCE**

Function:   A segment specifying a document reference number and its appropriate line number.
Usage :     M1
Notes :

| Ref.      Rep.          Name | | EDIFICE Utilisation |
|---|---|---|
| C506        M   REFERENCE | M | |
| 1153 an..3  M   Reference qualifier | M | AAD = Contract addendum number |
| | | AAJ = Delivery order number |
| | | AAN = Delivery schedule number |
| | | AAQ = Unit load device (e.g. container) identification number |
| | | BO = Blanket order number |
| | | CT = Contract number |
| | | LS = Bar coded label serial number |
| | | MH = Manufacturing order number |
| 1154 an..35 C   Reference number | R | |
| 1156 an..6  C   Line number | O | |
| 4000 an..35 C   Reference version number | N | |

**SG11     QTY-DTM-SG12**

**QTY       QUANTITY**

Function:   A segment specifying the delivery quantity for the line item.
Usage :     M1
Notes :

| Ref.       Rep.          Name | | EDIFICE Utilisation |
|---|---|---|
| C186 | M  QUANTITY DETAILS | M | |
| 6063 an..3 | M  Quantity qualifier | M | 131 = Delivery quantity |
| 6060 n..15 | M  Quantity | M | |
| 6411 an..3 | C  Measure unit qualifier | R | Use the following codes from UN/ECE Recommendation no.20, Codes for Units of Measurement:<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>(*) EDIFICE code, not included in UN/ECE Recommendation No. 20<br>Other codes should be previously agreed between trading partners. |

**SG11      QTY-DTM-SG12**

**DTM      DATE/TIME/PERIOD**

Function:     A segment specifying the date/time relating to the delivery quantity.
Usage :      R 1
Notes :

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|------|------|---|------|---|---------------------|
| C507 | | M | DATE/TIME/PERIOD | M | |
| 2005 | an..3 | M | Date/time/period qualifier | M | 2 = Delivery date/time, requested<br>Date on which buyer requests goods<br>to be delivered.<br>10 = Shipment date/time, requested<br>Date on which goods should be shipped<br>or despatched by the supplier. |
| 2380 | an..35 | C | Date/time/period | R | |
| 2379 | an..3 | C | Date/time/period format qualifier | R | 102 = CCYYMMDD<br>203 = CCYYMMDDHHMM<br>303 = CCYYMMDDHHMMZZZ<br>ZZZ = Time zone<br>304 = CCYYMMDDHHMMSSZZZ<br>ZZZ = Time zone<br>X03 = CCYYMMDDHHMMZZZZZ (*)<br>ZZZZZ = Time zone<br>X04 = CCYYMMDDHHMMSSZZZZZ (*)<br>ZZZZZ = Time zone<br>(*) EDIFICE code |

**SG12    RFF**

**RFF        REFERENCE**

Function:    A segment specifying a document reference number.
Usage :      M1
Notes :      To provide relevant identifying numbers for one delivery of one part at one date and time. Possible usages
            are to specify the container number or bar coded label serial number to accompany the delivery. If used it
            cannot override previous references.

| Ref. | Rep. | | Name | | EDIFICE Utilisation |
|------|------|---|------|---|---------------------|
| C506 | | M | REFERENCE | M | |
| 1153 | an..3 | M | Reference qualifier | M | AAJ = Delivery order number<br>AAQ = Unit load device (e.g. container)<br>         identification number<br>  LS = Bar coded label serial number<br>  JB = Job number |
| 1154 | an..35 | C | Reference number | R | |
| 1156 | an..6 | C | Line number | N | |
| 4000 | an..35 | C | Reference version number | 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 EDSS04.

| 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

```
UNB+UNOC:3+123456789:1:X+987654321:1:X+021209:1909+88+X:AA+DELJIT++1+X+1'
UNH+1+DELJIT:D:97A:UN:EDDJ05'
BGM+242+4321+9'
DTM+137:19971021:102'
RFF+BO:5678'
NAD+BY+MAGIMAX LTD::92'
CTA+PD+:PETER SMITH'
COM+0756-551234:TE'
NAD+SE+PISCES SEMICONDUCTORS::92'
NAD+DP+DELIVERY PARTY 1::92'
SEQ+3'
LOC+88+DELIVERY LOCATION A::92'
LIN+1++ABC0071:BP::92'
PIA+1+ACT2A:EC::92'
QTY+131:200:PCE'
DTM+2:19971028:102'
RFF+AAJ:666601'
RFF+AAQ:777701'
QTY+131:500:PCE'
DTM+2:19971104:102'
RFF+AAJ:666601'
RFF+AAQ:777702'
SEQ+3'
LOC+88+DELIVERY LOCATION B::92'
LIN+2++ABC0072:BP::92'
PIA+1+ACT2B:EC::92'
QTY+131:400:PCE'
DTM+2:19971028:102'
RFF+AAJ:888801'
RFF+AAQ:999901'
QTY+131:600:PCE'
DTM+2:19971111:102'
RFF+AAJ:888801'
RFF+AAQ:999901'
UNT+34+1'
UNZ+1+88'
```