EDIFICE

The European B2B Forum for the Electronics Industry

EDIFICE Message Implementation Guideline

Price/Sales Catalogue

PRICAT Issue EDPC04

Endorsed 15 June 2005

Based on UN/EDIFACT D.97A PRICAT message

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COMPARISON TO PREVIOUS ISSUE

Issue EDPC04 of 1 June 2005:
- Upgrade to UN/EDIFACT Code list D.04B
Replacement of EDIFICE codes with standard codes.
- SG33 - PIA - DE 3055:
  '251' Assigned by industry/national grouping agency replaced with '60' Assigned by national trade agency (also see below)
EDIFICE code changes applied to the MIG. These EDIFICE codes will be submitted to UN/CEFACT for inclusion in the UN/EDIFACT standard.
- SG33 - PIA - DE 3055:
  '251' Assigned by industry/national grouping agency replaced with '311' Assigned by Industry Agency (also see above)
- SG44 - PAC - DE 7065:
  'CN' Container replaced with 'CN' Container, not otherwise specified as transport equipment
  'PE' Pallet replaced with 'PX' Pallet
Correction of the examples according to the code changes.

12 May 2004 : EDIFIX 5.0 Technical Upgrade
- The 'KMT' qualifier in SEG QTY, PRI, RNG and MEA 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 EDPC03 of 13 November 2002 is based on UN/EDIFACT D97.A / Code List D01.A
  – Addition of the following code value:
    o SG33, LIN segment, CO C212, DE 7143 code 'SRV' EAN.UCC Global Trade Item Number
    o SG33, PIA segment, CO C212, DE 7143 code 'SRV' EAN.UCC Global Trade Item Number

Issue EDPC02 of 29 May 2002 – addition of recommended set of DTM qualifiers

Issue EDPC02 includes the changes that have been made to the issue 1 of the Price/Sales Catalogue document endorsed by the EDIFICE Plenary on 29 November 1995. 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 NAD segments, DE 3055, code '16' DUNS (Dun & Bradstreet)
    SG16, PGI segment, DE 5379, code 'WS' Worldwide-Semiconductors-Trade-Statistics number
    SG33, PIA segment, DE 7143, codes 'CL' Color number
                                'CV' Customs article number
                                'DI' Distributor's part number
                                'MF' Manufacturer's (producer's) article number
                                'UP' UPC (Universal product code) and
                                'WS' Worldwide-Semiconductors-Trade-Statistics number
    SG33, PIA segment, DE 3055, codes '89' Assigned by distributor and
                                '113' US, UCC (Uniform Code Council)
    SG33, IMD segment, DE 7081, code '26' Ship to line
    SG37, PRI segment, CO C509, DE 5375, code 'INV' Invoice price
    SG44, PAC segment, DE 7065, codes 'BLK90' Standard Bulk
                                'REL90' Standard Reel
                                'TRY90' Standard Tray
    SG44, PAC segment, CO C202, DE 3055, code '116' US, ANSI ASC X12,

- Replacement of the following segment:
    SG33, PIT segment to LIN segment (which now holds the primary reference),

- Replacement of the following codes:
    SG33, PIA segment, CO C212, DE 7143, code 'ZEC' to 'AFE' Export Control Commodity number (ECCN)
    SG33, QTY segment, DE 6063, code '45' to '164' Delivery batch
    SG37, PRI segment, CO C509, DE 5125, code 'INV' to 'AAA' Calculation net and
                                'AAB' Calculation gross
    SG37, PRI segment, DE 5375, code 'MSR' to 'SR' Suggested retail
    SG44, PAC segment, CO C202, DE 7065, code 'TR' to 'PU' Tray,

- Deletion of the following code values:
    SG9, LOC segment, CO C517, DE 3055, code '6' UN/ECE (United Nations - Economic Commission for
                                Europe)
    SG33, PIA segment, DE 4347, code '5' Product identification

- Usage changed for the following segment groups/segments/data elements:
  SG1, DTM segment, O1 to D1
  SG6, R..5 to R..20
  SG9, TOD segment, CO C100, DE 1131, X to D
  SG9, TOD segment, CO C100, DE 3055, X to D
  SG9, LOC segment, CO C517, DE 1131, X to D
  SG9, LOC segment, CO C517, DE 3055, R to D
  SG16, PGI segment, CO C288, DE 1131, R to N
  SG16, PGI segment, CO C288, DE 5388, X to O
  SG33, IMD segment, DE 7077, R to D
  SG33, IMD segment, CO C273, A to D
  SG33, IMD segment, CO C273, DE 7009, O to A
  SG33, IMD segment, CO C273, DE 7008, O to D
  SG33, ALI segment, 1st DE 4183, R to D
  SG44, PAC segment, CO C202, DE 7064, O to D,

- 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 REFERENCES and EXPLANATORY NOTES sections 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 EDIFICE PRICAT message guideline is intended to support the transmission of price list information related to products offered by a supplier to his distributors or customers, or a distributor to his end customers.
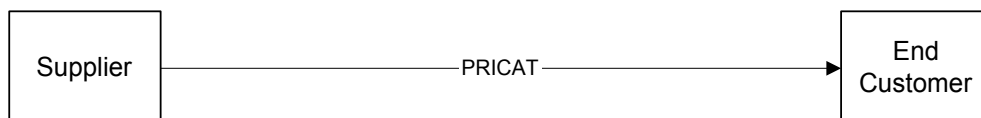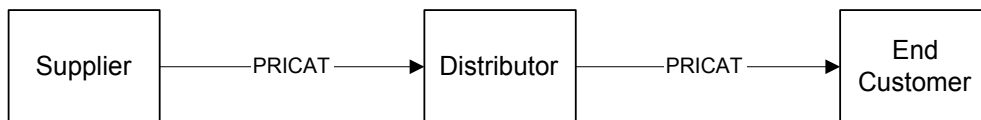
This core version of the message focuses on the area of supply of electronic components. However, complex product structures (e.g. configurations) are not provided for.

The EDIFICE PRICAT message guideline is designed to transport information related to uniquely identified products. This information comprises:

- product identification,
- marketing information, (e.g. product life cycle information)
- logistics information,
- price information.

In the area of distribution of electronic components, the PRICAT message is a source of information given by manufacturers to distributors to support the business activities dealing with quotations, product availability, stock management, ship from stock and debit, ordering, etc.

The PRICAT message should be used for commercial information related to products and prone to frequent changes, such as price, discount and availability. More stable information, such as the technical description of products, should be communicated using the UN/EDIFACT Product Data Message
(PRODAT).

The EDIFICE PRICAT message guideline supports two functions:

- change function - to communicate changes to be applied to an existing price list,
- replace function - a complete replacement of an existing price list.

One of these two functions must be indicated in the header section of the message (BGM segment, DE 1225).

The change function is further qualified at the detail level of the message (LIN segment, DE 1229) to indicate the following types of changes:

- addition - to add an item to an existing price list
- deletion - to delete an item from an existing price list.
- change - to modify information on an existing item in an existing price list.

The following data must be transmitted when using the change function:

- Those required to identify the individual products (PIA in SG33).
- All segments below the LIN segment, when there is a change in one of them.

The change function applies to data at detail level of the message and cannot be applied only to data which occurs at header level.

Prices are expressed in a single reference currency for the whole message. Rates of exchange may be given for the conversion of prices in the reference currency to prices in target currencies.

<u>REFERENCES</u>

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

<u>EXPLANATORY NOTES</u>

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..5
  ┌─── SG1                                                    O..6
  │     RFF       REFERENCE                                   M 1
  └─── DTM        DATE/TIME/PERIOD                            D 1
  ┌─── SG2                                                    R 2
  │     NAD       NAME AND ADDRESS                            M 1
  ┌─── SG3                                                    O..3
  └─── RFF        REFERENCE                                   M 1
  ┌─── SG6                                                    R..20
  └─── CUX        CURRENCIES                                  M 1
  ┌─── SG9                                                    D 1
  │     TOD       TERMS OF DELIVERY OR TRANSPORT              M 1
  └─── LOC        PLACE/LOCATION IDENTIFICATION               D 1
  ┌─── SG16                                                   R..1000
  │     PGI       PRODUCT GROUP INFORMATION                   M 1
  │ ┌─ SG26                                                   D 1
  │ └─ NAD        NAME AND ADDRESS                            M 1
  ┌─── SG33                                                   R..200000
  │     LIN       LINE ITEM                                   M 1
  │     PIA       ADDITIONAL PRODUCT ID                       R..10
  │     IMD       ITEM DESCRIPTION                            O..10
  │     OTY       QUANTITY                                    O..5
  │     ALI       ADDITIONAL INFORMATION                      O..5
  │     DTM       DATE/TIME/PERIOD                            O..6
  │     FTX       FREE TEXT                                   O 1
  │ ┌─ SG37                                                   R..100
  │ │   PRI       PRICE DETAILS                               M 1
  │ │   RNG       RANGE DETAILS                               O 1
  │ └─ DTM        DATE/TIME/PERIOD                            O..3
  │ ┌─ SG38                                                   O..10
  │ │   ALC       ALLOWANCE OR CHARGE                         M 1
  │ ┌─ SG40                                                   D 1
  │ └─ PCD        PERCENTAGE DETAILS                          M 1
  │ ┌─ SG41                                                   D 1
  │ └─ MOA        MONETARY AMOUNT                             M 1
  │ ┌─ SG44                                                   O..10
  │ │   PAC       PACKAGE                                     M 1
  └─┴─ MEA        MEASUREMENTS                                O 1
        UNT       MESSAGE TRAILER                             M 1
```

BRANCHING DIAGRAM

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

1                      ┌──────┐  ┌──────┐  ┌──────┐  ┌──────┐
                       │ SG1  │  │ SG2  │  │ SG6  │  │ SG9  │
                       ├──┬───┤  ├──┬───┤  ├──┬───┤  ├──┬───┤
              ┌──────┐ │O │..6│  │R │ 2 │  │R │..20│ │D │ 1 │
              │ DTM  │ ├──┴───┤  ├──┴───┤  ├──┴───┤  ├──┴───┤
              ├──┬───┤ │ RFF  │  │ NAD  │  │ CUX  │  │ TOD  │
              │M │..5│ ├──┬───┤  ├──┬───┤  ├──┬───┤  ├──┬───┤
              └──┴───┘ │M │ 1 │  │M │ 1 │  │M │ 1 │  │M │ 1 │
                       └──┴───┘  └──┴───┘  └──┴───┘  └──┴───┘

2                                ┌──────┐
                                 │ SG3  │
                                 ├──┬───┤
                       ┌──────┐  │O │..3│            ┌──────┐
                       │ DTM  │  ├──┴───┤            │ LOC  │
                       ├──┬───┤  │ RFF  │            ├──┬───┤
                       │D │ 1 │  ├──┬───┤            │D │ 1 │
                       └──┴───┘  │M │ 1 │            └──┴───┘
                                 └──┴───┘
```

```
                                                                              ┌───┐
 0  ┌───┐                                                                      │ 2 │
    │ 1 │──────────────────────────────────────────────────────────────────── └───┘
    └───┘
         │
         │
 1    ┌────────┐
      │  SG16  │
      │R│ ..1000│
      │  PGI   │
      │M│  1   │
      └────────┘
         │
    ┌────┴────┐
 2 ┌────────┐ ┌────────┐
   │  SG26  │ │  SG33  │
   │D│  1   │ │R│..200000│
   │  NAD   │ │  LIN   │
   │M│  1   │ │M│  1   │
   └────────┘ └────────┘
                 │
 3  ┌──────┬──────┬──────┬──────┬──────┬──────────────┬──────────────┬──────────┐
  ┌──────┐┌──────┐┌──────┐┌──────┐┌──────┐┌──────┐ ┌────────┐ ┌────────┐ ┌────────┐
  │ PIA  ││ IMD  ││ QTY  ││ ALI  ││ DTM  ││ FTX  │ │  SG37  │ │  SG38  │ │  SG44  │
  │R│ ..10││O│..10││O│ ..5││O│ ..5││O│ ..6││O│ 1  │ │R│ ..100│ │O│ ..10 │ │O│ ..10 │
  └──────┘└──────┘└──────┘└──────┘└──────┘└──────┘ │  PRI   │ │  ALC   │ │  PAC   │
                                                    │M│  1   │ │M│  1   │ │M│  1   │
                                                    └────────┘ └────────┘ └────────┘
                                                        │          │          │
 4                                               ┌──────┴───┐ ┌────┴────┐      │
                                               ┌──────┐┌──────┐┌────────┐┌────────┐┌────────┐
                                               │ RNG  ││ DTM  ││  SG40  ││  SG41  ││  MEA   │
                                               │O│ 1  ││O│ ..3││D│  1   ││D│  1   ││O│  1   │
                                               └──────┘└──────┘│  PCD   ││  MOA   │└────────┘
                                                               │M│  1   ││M│  1   │
                                                               └────────┘└────────┘
```

```
   ┌─────┐
 0 │  2  │──────┐
   └─────┘      │
           ┌─────────┐
           │   UNT   │
           ├───┬─────┤
           │ M │  1  │
           └───┴─────┘
```
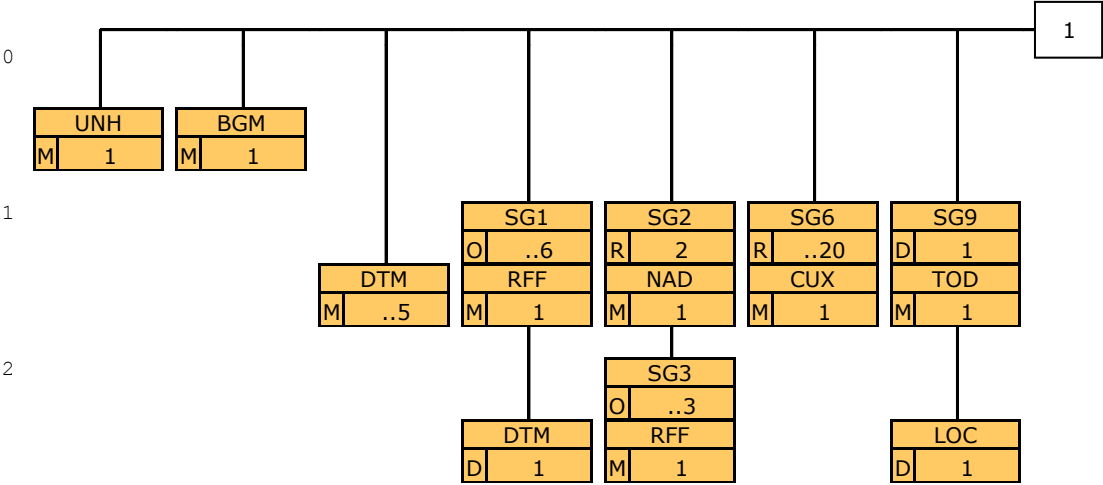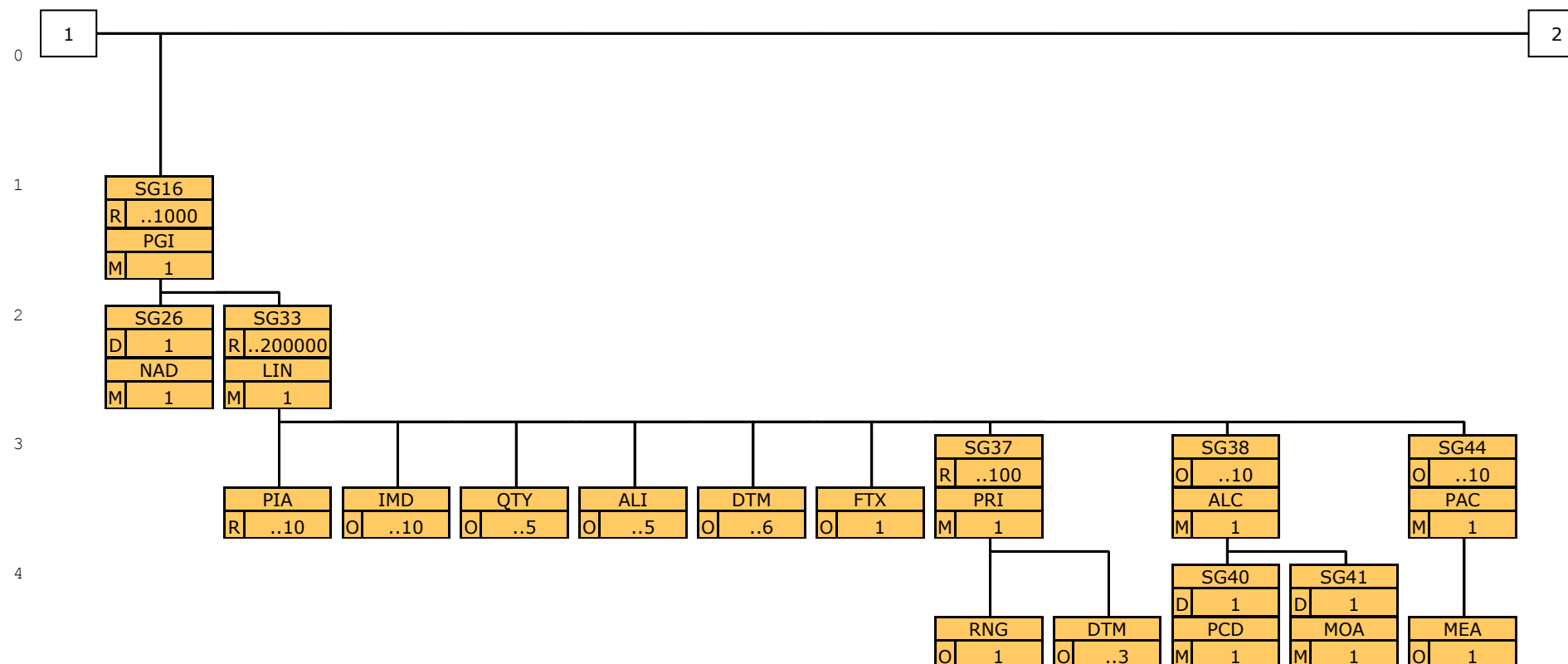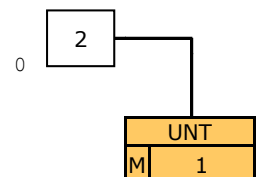
SEGMENT GROUPS/SEGMENTS DESCRIPTION

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 of creation of the message and, other dates relevant to the
           whole message.
Usage :   M..5

SG1   RFF-DTM

Function: A group of segments referencing documents and their dates, relating to the whole message.
Usage :   O..6
Notes :   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 of the reference document.
Usage :   D1

SG2   NAD-SG3

Function: A group of segments identifying the parties involved and their associated information,
           relevant to the whole message.
Usage :   R2
Notes :   The receiver of the Price/Sales Catalogue message is identified as 'buyer'.
           The sender of the Price/Sales Catalogue message is identified as 'seller'.

NAD   NAME AND ADDRESS

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

SG3   RFF

Function: A group of segments giving references relating to the identified party involved.
Usage :   O..3
Notes :

RFF   REFERENCE

Function: A segment specifying a company specific reference.
Usage :   M1

SG6   CUX

Function: A group of segments specifying currencies, valid for the whole message.
Usage :   R..20

Notes : At present the maximum occurrence of this segment group is 5. EDIFICE has raised a DMR to
increase the number of occurrences to 20.
At least one occurrence of the CUX segment must be present holding the reference currency
in which prices are quoted. The segment group allows for up to 20 target currencies and
their exchange rates relative to the reference currency.

CUX   CURRENCIES

Function: A segment specifying the reference and target currency for all prices and/or amounts.
Usage :   M1

SG9   TOD-LOC

Function: A group of segments indicating the terms of delivery for the whole message.
Usage :   D 1
Notes :   To be used only if it is necessary to be specific about terms of delivery and the
relevant location points.
The LOC segment is only used if the terms of delivery ('F' & 'C') require a named
location/place.

TOD   TERMS OF DELIVERY OR TRANSPORT

Function: A segment specifying the transport charge method and applicable terms of delivery.
Usage :   M1

LOC   PLACE/LOCATION IDENTIFICATION

Function: A segment identifying a location or place required for the terms of delivery.
Usage :   D 1

SG16   PGI-SG26-SG33

Function: A group of segments providing details of the product groups, individual items and related
price information.
Usage :   R ..1000
Notes :   When DE 5379 '4' ('Group of products with the same price') is used in segment PGI, the
price information for the group (SG37) must be included in the first occurrence of SG33.
SG26 is only used when products are grouped by supplier or manufacturer and it is
required to provide information identifying the supplier or manufacturer.

PGI   PRODUCT GROUP INFORMATION

Function: A segment identifying the type of grouping.
Usage :   M1

SG26   NAD

Function: A group of segments identifying the parties involved and their associated information,
relevant to a product group.
Usage :   D 1
Notes :

NAD   NAME AND ADDRESS

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

SG33   LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG44

Function: A group of segments providing details of the individual line items i.e. offered products.
Usage :   R ..200000
Notes :

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

PIA   ADDITIONAL PRODUCT ID

Function: A segment providing supplementary identification for the line item.
Usage :   R..10

IMD   ITEM DESCRIPTION

Function: A segment specifying a characteristic and/or an additional description in clear or coded
            form, for the line item.
Usage :   O..10

QTY   QUANTITY

Function: A segment providing information about a possible order or delivery quantity for the line
            item.
Usage :   O..5

ALI   ADDITIONAL INFORMATION

Function: A segment indicating that special conditions due to the origin, customs preference,
            fiscal or commercial factors are applicable to the line item.
Usage :   O..5

DTM   DATE/TIME/PERIOD

Function: A segment specifying a relevant date for the line item.
Usage :   O..6

FTX   FREE TEXT

Function: A segment providing a clear, free form text description for the line item.
Usage :   O1

SG37   PRI-RNG-DTM

Function: A group of segments specifying pricing information for the line item.
Usage :   R..100
Notes :   The RNG segment is only used if quantity ranges need to be transmitted for a price.

PRI   PRICE DETAILS

Function: A segment specifying the line item price and the qualifying information.
Usage :   M1

RNG   RANGE DETAILS

Function: A segment specifying the quantity range applicable to the specified line item price.
Usage :   O1

DTM   DATE/TIME/PERIOD

Function: A segment specifying a promotion period start or end date or the effective date of the
            specified line item price.
Usage :   O..3

SG38   ALC-SG40-SG41

Function: A group of segments specifying allowances and/or charges for the line item.
Usage :   O..10

Notes : The group occurs once for each allowance or charge. Within the group there must be one
occurrence of either SG40 or SG41.

ALC   ALLOWANCE OR CHARGE

Function: A segment specifying an allowance or charge, its settlement and calculation sequence.
Usage   :   M1

SG40   PCD

Function: A group of segments specifying an allowance or charge as a percentage.
Usage   :   D1
Notes   :

PCD   PERCENTAGE DETAILS

Function: A segment specifying a discount or charge percentage.
Usage   :   M1

SG41   MOA

Function: A group of segments specifying an allowance or charge as an amount.
Usage   :   D1
Notes   :   Currency of monetary amount is determined by the header CUX segment and reference
currency cannot be different here.

MOA   MONETARY AMOUNT

Function: A segment specifying the monetary amount of an allowance or charge.
Usage   :   M1

SG44   PAC-MEA

Function: A group of segments specifying product packaging information for the line item.
Usage   :   O..10
Notes   :   This segment group should be repeated for each package type available for the line item.

PAC   PACKAGE

Function: A segment specifying the product package type.
Usage   :   M1

MEA   MEASUREMENTS

Function: A segment specifying the number of products contained in the package type.
Usage   :   O1

UNT   MESSAGE TRAILER

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

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 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	PRICAT = Price/sales catalogue 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	EDPC04 = Price/sales catalogue Issue EDPC04
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	9 = Price/sales catalogue
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	Unique price/sales catalogue number assigned by the document sender.
1056	an..9	C	Version	N	
1060	an..6	C	Revision number	N	
1225	an..3	C	MESSAGE FUNCTION, CODED	R	4 = Change This code is used to change an existing price list already known by the trading partner. In this case, any detail level changes must be further qualified in SG33, LIN segment, DE 1229. 5 = Replace This code is used to completely replace an existing price list.
4343	an..3	C	RESPONSE TYPE, CODED	N	

DTM   DATE/TIME/PERIOD

Function: A segment specifying the date of creation of the message and, other dates relevant to the whole message.

Usage :   M..5

Notes :   This information is applicable to the whole message. It may be overridden for individual products by information in SG33 DTM. At least two DTM segments must be present specifying the document creation date and the effective date.

Ref.	Rep.	Name		EDIFICE Utilisation
C507	M	DATE/TIME/PERIOD	M	
2005 an..3	M	Date/time/period qualifier	M	7 = Effective date/time
				Date at which the price/sales catalogue information becomes effective.
				36 = Expiry date
				Date of expiry of the validity of the price/sales catalogue information.
				63 = Delivery date/time, latest
				Last possible date for delivery of products.
				117 = Delivery date/time, first
				First possible date for delivery of products.
				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

SG1   RFF-DTM

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
					CR = Customer reference number
					Reference number assigned by the customer to a transaction.
					CS = Condition of sale document number
					Reference number identifying the conditions of sale relevant to a sale.
					CT = Contract number
					GC = Government contract number
					PL = Price list number
					Reference to a previous Price/Sales Catalogue message.
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 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

SG2   NAD-SG3

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
					Party to which merchandise is sold.
					SE = Seller
					Party selling merchandise to a buyer.
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 Numberingassociation)
					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	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

SG3   RFF

RFF   REFERENCE

Function: A segment specifying a company specific reference.
Usage :   M1
Notes :

Ref. Rep. Name		EDIFICE Utilisation
C506 M REFERENCE	M	
1153 an..3 M Reference qualifier	M	GN = Government reference number VA = VAT registration number XA = Company/place registration number
1154 an..35 C Reference number	R	
1156 an..6 C Line number	N	
4000 an..35 C Reference version number	N	

SG6   CUX

CUX   CURRENCIES

Function: A segment specifying the reference and target currency for all prices and/or amounts.
Usage :   M1
Notes :   Prices and amounts are all stated in the reference currency. Prices in the reference currency may also be
           converted to other target currencies. The rate of exchange is a coefficient assigned by the seller and may
           take account of factors in his policy other than international financial markets.

           If there is more than one occurrence of CUX the same reference currency must be present in all of them.

           The general rule for calculating the target currency amount is as follows:
           Amount in Reference Currency x Rate of Exchange = Amount in Target Currency

Ref.	Rep.		Name		EDIFICE Utilisation
C504		C	CURRENCY DETAILS	R	
6347	an..3	M	Currency details qualifier	M	2 = Reference currency
					3 = Target currency
6345	an..3	C	Currency, coded	R	Use ISO 4217, 3 alpha code
6343	an..3	C	Currency qualifier	R	8 = Price list currency
6348	n..4	C	Currency rate base	N	
C504		C	CURRENCY DETAILS	D	
6347	an..3	M	Currency details qualifier	M	2 = Reference currency
					3 = Target currency
6345	an..3	C	Currency, coded	R	Use ISO 4217, 3 alpha code
6343	an..3	C	Currency qualifier	R	8 = Price list currency
6348	n..4	C	Currency rate base	O	
5402	n..12	C	RATE OF EXCHANGE	D	
6341	an..3	C	CURRENCY MARKET EXCHANGE, CODED	N	

SG9   TOD-LOC

TOD   TERMS OF DELIVERY OR TRANSPORT

Function: A segment specifying the transport charge method and applicable terms of delivery.
Usage :   M1
Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
4055	an..3	C	TERMS OF DELIVERY OR TRANSPORT FUNCTION, CODED	R	6 = Delivery condition
4215	an..3	C	TRANSPORT CHARGES METHOD OF PAYMENT, CODED	O	CC = Collect A shipment on which freight charges will be paid by consignee. DF = Defined by buyer and seller PC = Prepaid but charged to customer PP = Prepaid (by seller)
C100		C	TERMS OF DELIVERY OR TRANSPORT	R	
4053	an..3	C	Terms of delivery or transport, coded	R	Use UN/ECE Recommendation no.5, Incoterms 1990 (see next table). Incoterms code list: Group E - Departure EXW = Ex works Group F - Main carriage unpaid FAS = Free alongside ship FCA = Free carrier FOB = Free on Board Group C - Main carriage paid CFR = Cost and freight CIF = Cost, insurance and freight CIP = Carriage and insurance paid to CPT = Carriage paid to Group D - Arrival DAF = Delivered at frontier DDP = Delivered duty paid DDU = Delivered duty unpaid DEQ = Delivered ex quay DES = Delivered ex ship If not applicable, use code from another appropriate code set in DE 4053 in combination with DE 1131/ 3055.
1131	an..3	C	Code list qualifier	D	
3055	an..3	C	Code list responsible agency, coded	D	
4052	an..70	C	Terms of delivery or transport	N	
4052	an..70	C	Terms of delivery or transport	N	

SG9   TOD-LOC

LOC   PLACE/LOCATION IDENTIFICATION

Function: A segment identifying a location or place required for the terms of delivery.
Usage :   D 1
Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
3227	an..3	M	PLACE/LOCATION QUALIFIER	M	1 = Place of terms of delivery
C517		C	LOCATION IDENTIFICATION	R	
3225	an..25	C	Place/location identification	R	Use UN/ECE Recommendation no.16, UNLOCODE. If not applicable, use codes from another appropriate code set in combination with DE 1131/3055.
1131	an..3	C	Code list qualifier	D	
3055	an..3	C	Code list responsible agency, coded	D	3 = IATA (International Air Transport Association) 91 = Assigned by seller or seller's agent 92 = Assigned by buyer or buyer's agent
3224	an..70	C	Place/location	N	
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	

PGI   PRODUCT GROUP INFORMATION

Function: A segment identifying the type of grouping.
Usage :   M1
Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
5379	an..3	M	PRODUCT GROUP TYPE, CODED	M	2 = No price group used 4 = Group of products with same price PF = Product family (*) MF = Group of products supplied by same manufacturer (*) SU = Group of products supplied by same supplier (*) WS = Worldwide-Semiconductors-Trade-Statistics number (*) (*) EDIFICE code
C288		C	PRODUCT GROUP	O	This composite can be used to provide a pricing or product group code and description as agreed between the trading partners.
5389	an..3	C	Product group, coded	O	
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
5388	an..35	C	Product group	O	

SG26   NAD

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	MF = Manufacturer of goods SU = Supplier
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	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

SG33   LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG44

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 :   The LIN segment acts as the trigger segment for information related to one line item.
When DE 1225 in BGM is set to '4' (change) it is necessary to explicitly indicate in DE 1229 what modification applies to the line item.

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. 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	D	1 = Added This code is used to add an item to an existing price list. 2 = Deleted This code is used to delete an item from an existing price list. In the case of deletion, only the LIN segment need be sent. 3 = Changed This code is used to modify information on an existing item in an existing price list.
C212		C	ITEM NUMBER IDENTIFICATION	R	
7140	an..35	C	Item number	R	Primary reference
7143	an..3	C	Item number type, coded	R	BP = Buyer's part number DI = Distributor's part number (*) EN = International Article Numbering Association (EAN) MF = Manufacturer's (producer's) article number SRV = EAN.UCC Global Trade Item Number UP = UPC (Universal product code) VP = Vendor's (seller's) part 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)
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	

SG33   LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG44

PIA   ADDITIONAL PRODUCT ID

Function: A segment providing supplementary identification for the line item.
Usage :   R ..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 To provide additional identification(s) for the item identified in the LIN segment. The additional identification can consist of: - A supplemental identification which provides more information complementary to the primary reference number e.g., a batch number, promotional variant number, grouping code. - An alternative identification e.g., a buyer's part number. 2 = Identification for potential substitution To provide the article number of an item which can be substituted for the primary reference number. 3 = Substituted by To provide the article number of an item which is permanently substituted for the primary reference number. 4 = Substituted for To provide the article number of an item which has been substituted by the primary reference number.
C212		M	ITEM NUMBER IDENTIFICATION	M	
7140	an..35	C	Item number	R	
7143	an..3	C	Item number type, coded	R	AFE = Export Control Commodity number (ECCN) (*) Export control classification of the USA. 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) HS = Harmonised system Code classifying products according to the Customs Co-operation Council Nomenclature 'Harmonized System'. MF = Manufacturer's (producer's) article number NB = Batch number PV = Promotional variant number SG = Standard group of products (mixed assortment) SRV = EAN.UCC Global Trade Item Number UP = UPC (Universal product code) VP = Vendor's (seller's) part number WS = Worldwide-Semiconductors-Trade-Statistics number (*) (*) EDIFICE code
1131	an..3	C	Code list qualifier	N	

Ref.	Rep.		Name		EDIFICE Utilisation
3055	an..3	C	Code list responsible agency, coded	R	9 = EAN (International Article Numbering association) 60 = Assigned by national trade agency 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) 311 = Assigned by industry agency (*) (*) EDIFICE code
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	

SG33   LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG44

IMD   ITEM DESCRIPTION

Function: A segment specifying a characteristic and/or an additional description in clear or coded form, for the line
item.
Usage :   O..10
Notes :   If both coded and free-form descriptions are required then the IMD segment must be repeated.

Ref.	Rep.		Name		EDIFICE Utilisation
7077	an..3	C	ITEM DESCRIPTION TYPE, CODED	R	C = Code (from industry code list)
					F = Free-form
					S = Structured (from industry code list)
7081	an..3	C	ITEM CHARACTERISTIC, CODED	O	3 = Ship to stock
					i.e. straight to stock, without any
					need of inspection at the receiving end
					13 = Quality
					26 = Ship to line
					ZSI = Software included (*)
					ZLR = Software licence required (*)
					(*) EDIFICE code
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	CU = Consumer unit (*)
					DU = Despatch unit (*)
					IT = Intermediate unit (*)
					TU = Traded (Order) unit (*)
					HN = Handling unit (*)
					IN = Invoicing unit (*)
					NO = Not an ordering unit (*)
					VQ = Variable quantity product (*)
					SG = Standard group of products (mixed assortment) (*)
					SU = Smallest unit
					(*) EDIFICE code
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	

SG33   LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG44

QTY   QUANTITY

Function: A segment providing information about a possible order or delivery quantity for the line item.
Usage :   O..5
Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
C186		M	QUANTITY DETAILS	M	
6063	an..3	M	Quantity qualifier	M	53 = Minimum order quantity 54 = Maximum order quantity 59 = Numbers of consumer units in the traded unit 164 = Delivery batch OIQ = Order increment quantity (*) (*) EDIFICE code
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: 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 (*) (*) EDIFICE code, not included in UN/ECE Recommendation No. 20 Other codes should be previously agreed between trading partners.

SG33   LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG44

ALI   ADDITIONAL INFORMATION

Function: A segment indicating that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable to the line item.
Usage :   O..5
Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
3239	an..3	C	COUNTRY OF ORIGIN, CODED	A	Use ISO 3166, 2 alpha code
9213	an..3	C	TYPE OF DUTY REGIME, CODED	N	

Ref.	Rep.		Name		EDIFICE Utilisation
4183	an..3	C	SPECIAL CONDITIONS, CODED	D	1 = Item for national preference
					6 = Subject to bonus
					9 = Freely available in EEC
					16 = Subject to embargo restriction
					18 = Item subject to national export restrictions
					20 = Item subject to import restrictions
					CSR = Contact supplier (*)
					LPR = Less popular (*)
					NCO = Non-cancellable order (*)
					NPD = Not preferred (*)
					OAN = On allocation (*)
					PPR = Subject to price protection (*)
					PTP = Push type (*)
					SCA = Ship & credit allowed (*)
					SDA = Special/dedicated application (*)
					SDP = Subject to design protection (*)
					SSC = Sole source (*)
					STA = Stock return allowed (*)
					TPR = Thrust product (*)
					E1 = New, announcement only (*) Life cycle stage 2
					E2 = New, available (*) Life cycle stage 3
					E3 = Obsolete (*) Life cycle stage 7
					E4 = Prototype (*) Life cycle stage 1
					L = Last buy (*) Life cycle stage 6
					P = Production (*) Life cycle stage 4
					N = Not recommended for new design (*) Life cycle stage 5
					Strategic goods indicator. Only one of the following values can apply per product.
					SG0 = Not controlled. (*)
					SG1 = Controlled, industrial goods, not US origin. (*) Controlled according to international regulation(s) for industrial (dual-use) goods, not US origin.
					SG2 = Controlled, industrial goods, US origin. (*) Controlled according to international regulation(s) for industrial (dual-use) goods, US origin.
					SG3 = Controlled by US national regulation(s). (*)
					SG4 = Controlled by other national regulation(s). (*)
					SG5 = Controlled by Australian Group for chemical or biological warfare (CBW). (*)
					SG6 = Controlled by missile technology control regime (MTCR). (*)
					SG7 = Provisional (final indicator to be fixed). (*)
					SG8 = Controlled, nuclear goods. (*) Controlled according to international regulation(s) for nuclear goods.
					SG9 = Controlled, military goods. (*) Controlled according to international regulation(s) for military goods.
					(*) EDIFICE code
4183	an..3	C	SPECIAL CONDITIONS, CODED	O	As for first DE 4183
4183	an..3	C	SPECIAL CONDITIONS, CODED	O	As for first DE 4183
4183	an..3	C	SPECIAL CONDITIONS, CODED	O	As for first DE 4183
4183	an..3	C	SPECIAL CONDITIONS, CODED	O	As for first DE 4183

DTM   DATE/TIME/PERIOD

Function: A segment specifying a relevant date for the line item.
Usage :   O..6
Notes :   For individual products, this information overrides information communicated in the Header DTM segment.
Values '803' Week, '804' Day and '805' Hour for DE 2379 only apply when DE 2005 holds '169' Lead time.

Ref.	Rep.		Name		EDIFICE Utilisation
C507		M	DATE/TIME/PERIOD	M	
2005	an..3	M	Date/time/period qualifier	M	7 = Effective date/time Date at which the product information becomes effective. 36 = Expiry date Date of expiry of validity of product information. 63 = Delivery date/time, latest Last possible date for delivery of product. 117 = Delivery date/time, first First possible date for delivery of product. 169 = Lead time Time required between order entry till earliest goods delivery. LTB = Last time buy date (*) (*) EDIFICE code
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 803 = Week To indicate a quantity of weeks 804 = Day To indicate a quantity of days 805 = Hour To indicate a quantity of hours X03 = CCYYMMDDHHMMZZZZZ (*) ZZZZZ = Time zone X04 = CCYYMMDDHHMMSSZZZZZZ (*) ZZZZZ = Time zone (*) EDIFICE code

SG33   LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG44

FTX   FREE TEXT

Function: A segment providing a clear, free form text description for the line item.
Usage :   O 1
Notes :   EDIFICE recommends not to use FTX segments.
This segment is to communicate item descriptions which cannot be accommodated in the IMD segment.

Ref.	Rep.		Name		EDIFICE Utilisation
4451	an..3	M	TEXT SUBJECT QUALIFIER	M	PRD = Product information
4453	an..3	C	TEXT FUNCTION, CODED	R	1 = Text for subsequent use
C107		C	TEXT REFERENCE	N	
4441	an..17	M	Free text identification	N	
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
C108		C	TEXT LITERAL	R	
4440	an..70	M	Free text	M	
4440	an..70	C	Free text	O	
4440	an..70	C	Free text	O	
4440	an..70	C	Free text	O	
4440	an..70	C	Free text	O	
3453	an..3	C	LANGUAGE, CODED	D	The language code is used to indicate the free text language if it is other than the language agreed between the trading partners. Use ISO 639, 2 alpha code

SG37   PRI-RNG-DTM

PRI   PRICE DETAILS

Function: A segment specifying the line item price and the qualifying information.
Usage :   M1
Notes :   When code 'SR' is used in DE 5375, it is not appropriate to use 'INV' in DE 5387.

Ref. Rep. Name				EDIFICE Utilisation
C509		C	PRICE INFORMATION	R	
5125	an..3	M	Price qualifier	M	AAA = Calculation net
					AAB = Calculation gross
					Allowances and charges to be applied to the price and must be provided in SG38.
5118	n..15	C	Price	R	
5375	an..3	C	Price type, coded	R	CT = Contract
					DI = Distributor
					INV = Invoice price (*)
					PV = Provisional price
					TB = To be negotiated
					QT = Quoted
					NNG = Not negotiable (*)
					SBP = Special buy price (*)
					SR = Suggested retail
					Manufacturer's suggested retail or resale price
					(*) EDIFICE code
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:
					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 (*)
					(*) EDIFICE code, not included in UN/ECE Recommendation No. 20
					Other codes should be previously agreed between trading partners.
5213	an..3	C	SUB-LINE PRICE CHANGE, CODED	N	

SG37   PRI-RNG-DTM

RNG   RANGE DETAILS

Function: A segment specifying the quantity range applicable to the specified line item price.
Usage :   O1
Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
6167	an..3	M	RANGE TYPE QUALIFIER	M	4 = Quantity range
C280		C	RANGE	R	
6411	an..3	M	Measure unit qualifier	M	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 (*) (*) EDIFICE code, not included in UN/ECE Recommendation No. 20 Other codes should be previously agreed between trading partners.
6162	n..18	C	Range minimum	R	Minimum quantity of the range
6152	n..18	C	Range maximum	O	

SG37   PRI-RNG-DTM

DTM   DATE/TIME/PERIOD

Function: A segment specifying a promotion period start or end date or the effective date of the specified line item price.

Usage :   O..3

Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
C507		M	DATE/TIME/PERIOD	M	
2005	an..3	M	Date/time/period qualifier	M	7 = Effective date/time
					15 = Promotion start date/time
					16 = Promotion end 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

SG38 ALC-SG40-SG41

ALC ALLOWANCE OR CHARGE

Function: A segment specifying an allowance or charge, its settlement and calculation sequence.
Usage : M1
Notes : Use DE 4471 if DE 5463 indicates 'Charge'.
Use DE 1227 to specify sequence of calculation if more than one ALC segment is used.

Ref.	Rep.		Name		EDIFICE Utilisation
5463	an..3	M	ALLOWANCE OR CHARGE QUALIFIER	M	A = Allowance C = Charge
C552		C	ALLOWANCE/CHARGE INFORMATION	O	
1230	an..35	C	Allowance or charge number	O	
5189	an..3	C	Charge/allowance description, coded	N	
4471	an..3	C	SETTLEMENT, CODED	D	5 = Charge to be paid by vendor 'vendor' is a synonym for 'seller' 6 = Charge to be paid by customer
1227	an..3	C	CALCULATION SEQUENCE INDICATOR, CODED	D	To specify the sequence in which an allowance or charge is calculated. The number must be in ascending order, with no gaps and starting from 1. The basis for calculation of the first allowance or charge is the amount for the line item. The basis for calculation of any subsequent allowance or charge is the amount for the line item resulting from the previous calculation.
C214		C	SPECIAL SERVICES IDENTIFICATION	O	This composite is used to indicate the type of allowance or charge.
7161	an..3	C	Special services, coded	M	DAE = Distributor discount/allowance DL = Delivery FC = Freight charge IN = Insurance TD = Trade discount
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
7160	an..35	C	Special service	N	
7160	an..35	C	Special service	N	

SG40   PCD

PCD   PERCENTAGE DETAILS

Function: A segment specifying a discount or charge percentage.
Usage :   M1
Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
C501		M	PERCENTAGE DETAILS	M	
5245	an..3	M	Percentage qualifier	M	3 = Allowance or charge
					12 = Discount
5482	n..10	C	Percentage	R	
5249	an..3	C	Percentage basis, coded	N	
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	

SG41   MOA

MOA   MONETARY AMOUNT

Function: A segment specifying the monetary amount of an allowance or charge.
Usage :   M1
Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
C516		M	MONETARY AMOUNT	M	
5025	an..3	M	Monetary amount type qualifier	M	23 = Charge amount
					52 = Discount amount
5004	n..18	C	Monetary amount	R	
6345	an..3	C	Currency, coded	N	
6343	an..3	C	Currency qualifier	N	
4405	an..3	C	Status, coded	N	

SG44   PAC-MEA

PAC   PACKAGE

Function: A segment specifying the product package type.
Usage :   M1
Notes :   CO C532 is only used if packages are returnable.

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	DE 7064 is only used for type of package description if no appropriate code is available for DE 7065.

7065	an..17	C	Type of packages identification	A	The following codes are taken from EIDX documentation:
					  BLK90 = Standard Bulk
					  RAL90 = Standard Rail (semiconductor)
					  REL90 = Standard Reel
					  TRY90 = Standard Tray
					The following codes are taken from UN/ECE Recommendation no.21, (TDED 5.8):
					    BA = Barrel
					    BB = Bobbin
					    BE = Bundle
					    BG = Bag
					    BQ = Bottle, protected cylindrical
					    BV = Bottle, protected bulbous
					    BX = Box
					    CG = Cage
					    CN = Container, not otherwise specified as transport equipment
					    CR = Crate
					    CS = Case
					    CT = Carton
					    CX = Can, cylindrical
					    DR = Drum
					    EN = Envelope
					    NE = Unpacked or unpackaged
					    PC = Parcel
					    PK = Package
					    PU = Tray
					    PX = Pallet
					    RL = Reel
					    RO = Roll
					    SW = Shrinkwrapped
					    TN = Tin
					    TU = Tube
					Other codes should be previously agreed between trading partners.

1131	an..3	C	Code list qualifier	O	
3055	an..3	C	Code list responsible agency, coded	D	Only used if the code is taken from EIDX documentation. 116 = US, ANSI ASC X12
7064	an..35	C	Type of packages	D	
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	D	

Ref.	Rep.		Name		EDIFICE Utilisation
8395	an..3	C	Returnable package freight payment responsibility, coded	R	1 = Paid by customer 3 = Paid by supplier
8393	an..3	C	Returnable package load contents, coded	N	

SG44   PAC-MEA

MEA   MEASUREMENTS

Function: A segment specifying the number of products contained in the package type.
Usage :   O 1
Notes :   This is used when additional information on the number of units is required.

Ref.	Rep.		Name		EDIFICE Utilisation
6311	an..3	M	MEASUREMENT PURPOSE QUALIFIER	M	CT = Counts
C502		C	MEASUREMENT DETAILS	N	
6313	an..3	C	Property measured, coded	N	
6321	an..3	C	Measurement significance, coded	N	
6155	an..17	C	Measurement attribute identification	N	
6154	an..70	C	Measurement attribute	N	
C174		C	VALUE/RANGE	R	
6411	an..3	M	Measure unit qualifier	M	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 (*)
					(*) EDIFICE code, not included in UN/ECE Recommendation No. 20
					Other codes should be previously agreed between trading partners.
6314	an..18	C	Measurement value	R	Number of units
6162	n..18	C	Range minimum	N	
6152	n..18	C	Range maximum	N	
6432	n..2	C	Significant digits	N	
7383	an..3	C	SURFACE/LAYER INDICATOR, 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 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

Example 1 PRICAT 'replace' function

```
UNB+UNOC:3+234567891:1:X+198765432:1:X
+971201:1924+66+X:AA+PRICAT++1+X+1'
UNH+0001+PRICAT:D:97A:UN:EDPC04'
BGM+9+000000000015+5'
DTM+7:19950817:102'
DTM+137:19950817:102'
NAD+SE+AMD::91'
NAD+BY+8713381138577::9'
CUX+2:ITL:8'
PGI+2'
LIN+1++PRODUCT 1:VP::91'
PIA+1+L2D:WS::91'
IMD+F++TU:::PRODUCT 1 DESCRIPTION'
ALI+++P'
DTM+7:19950206:102'
FTX+PRD+1++XZ 000Z NVD'
PRI+AAA:304200:DI::1:PCE'
RNG+4+PCE:19'
PRI+AAA:322043.69:SR::1:PCE'
RNG+4+PCE:1'
PRI+AAA:322043.69:SR::1:PCE'
RNG+4+PCE:10'
PRI+AAA:322043.69:SR::1:PCE'
RNG+4+PCE:100'
LIN+2++PRODUCT 2:VP::91'
IMD+F++TU:::PRODUCT 2 DESCRIPTION'
ALI+++P'
DTM+7:19950703:102'
FTX+PRD+1++FMC068C NVD'
PRI+AAA:144000:DI::1:PCE'
RNG+4+PCE:1'
PRI+AAA:215235.23:SR::1:PCE'
RNG+4+PCE:1'
PRI+AAA:215235.23:SR::1:PCE'
RNG+4+PCE:10'
PRI+AAA:184487.34:SR::1:PCE'
RNG+4+PCE:100'
LIN+3++PRODUCT 3:VP::91'
IMD+F++TU:::PRODUCT 3 DESCRIPTION'
ALI+++P'
DTM+7:19950703:102'
FTX+PRD+1++FMC068C NVD'
PRI+AAA:205200:DI::1:PCE'
RNG+4+PCE:1'
PRI+AAA:307478.9:SR::1:PCE'
RNG+4+PCE:1'
PRI+AAA:307478.9:SR::1:PCE'
RNG+4+PCE:10'
PRI+AAA:307478.9:SR::1:PCE'
RNG+4+PCE:100'
UNT+49+0001'
UNZ+1+66'
```

Example 2 PRICAT 'change' function

```
UNB+UNOC:3+234567891:1:X+198765432:1:X
+971201:1924+66+X:AA+PRICAT++1+X+1'
UNH+0001+PRICAT:D:97A:UN:EDPC04'
BGM+9+000000000016+4'
DTM+7:19950818:102'
DTM+137:19950818:102'
NAD+SE+AMD::91'
NAD+BY+8713381138577::9'
CUX+2:ITL:8'
PGI+2'
LIN+1+1+PRODUCT 99:VP::91'
IMD+F++TU:::PRODUCT 99 DESCRIPTION'
ALI+++E2'
DTM+7:19950831:102'
PRI+AAA:104200:DI::1:PCE'
RNG+4+PCE:1'
PRI+AAA:122043.69:SR::1:PCE'
RNG+4+PCE:1'
PRI+AAA:122043.69:SR::1:PCE'
RNG+4+PCE:10'
PRI+AAA:122043.69:SR::1:PCE'
RNG+4+PCE:100'
LIN+2+2+PRODUCT 2:VP::91'
LIN+3+3+PRODUCT 3:VP::91'
IMD+F++TU:::PRODUCT 3 DESCRIPTION'
ALI+++P'
DTM+7:19950818:102'
FTX+PRD+1++FMC068C NVD'
PRI+AAA:207200:DI::1:PCE'
RNG+4+PCE:1'
PRI+AAA:309478.9:SR::1:PCE'
RNG+4+PCE:1'
PRI+AAA:309478.9:SR::1:PCE'
RNG+4+PCE:10'
PRI+AAA:309478.9:SR::1:PCE'
RNG+4+PCE:100'
UNT+35+0001'
UNZ+1+66'
```