EDIFICE IMPLEMENTATION GUIDELINE

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INVENTORY REPORT
DISTRIBUTOR TO SUPPLIER

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ISSUE EDDS03

ENDORSED 27 NOVEMBER 2002

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BASED ON

UN/EDIFACT D.97A INVRPT MESSAGE

TABLE OF CONTENTS

COMPARISON TO PREVIOUS ISSUE

Issue EDDS03 of 13 November 2002 is based on UN/EDIFACT D97.A / Code List D01.A
- Addition of the following code value:
   o SG9, LIN segment, CO C212, DE 7143 code 'SRV' EAN.UCC Global Trade Item Number
   o SG9, PIA segment, CO C212, DE 7143 code 'SRV' EAN.UCC Global Trade Item Number

Issue EDDS02 of 29 May 2002 – addition of recommended set of DTM qualifiers

Issue EDDS02 of the INVRPT Distributor to Supplier message includes the changes that have been made
to the issue 1 of the message endorsed by the EDIFICE Plenary on 29 November 1991. The changes are
as follows:

- Recast from the 90.1 version of the UN/EDIFACT directory to the D.97A version,

- Addition of the following segments:
     SG9, LIN segment
     SG11, INV segment
     SG13, PRI segment
     SG14, RFF, DTM segments,

- Replacement of the following code values:
     Header, BGM segment, DE 1001, code '123' to '35' Inventory report
                          DE 1225, codes '00' to '9' Original
     DTM segment, DE 2005, code 'STA' to '366' Inventory report date
     SG2, LOC segment, DE 3227, code '14' to '18' Warehouse
                        CO C517, DE 3055 code '93' to '92' Assigned by buyer or buyer's agent
     SG5, CUX segment, DE 6343, code 'PC' to '10' Pricing currency
     SG9, PIA segment, DE 4347, code '5' to '1' Additional identification,

- Addition of the following code values:
     Header, DTM segment, CO C507, DE 2005, code '137' Document/message date/time
                                   DE 2379, codes '101' = YYMMDD
                                                  '102' = CCYYMMDD
                                                  '201' = YYMMDDHHMM
                                                  '203' = CCYYMMDDHHMM
                                                  '301' = YYMMDDHHMMZZZ
                                                  '303' = CCYYMMDDHHMMZZZ
     SG2, NAD segment, DE 3035, codes 'BY' Buyer
                                      'DP' Delivery party
                                      'SE' Seller
                       CO C082, DE 3055, codes '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
     SG5, CUX segment, CO C180, DE 6347 codes '2' Reference currency
     SG9, PIA segment, CO C212, DE 7140 codes 'BP' Buyer's part number
                                              'EN' International Article Numbering
                                                   Association (EAN)
                                              'UP' UPC (Universal Product code)
                                              'VP' Vendor's (seller's) part number
                                DE 3055 codes '9', '16', '91', '92' (see above)
     SG11, QTY segment, CO C186, DE 6063 codes '48' = Received quantity
                                               '58' = In transit quantity
                                               '66' = Committed quantity
                                               '143' = Quantity, remaining
                                               '248' = Quantity disposition for scrap
                                               '249' = Quantity disposition for return
                                               '250' = Excess inventory
                                               '369' = Order count
                                               '370' = Bookings quantity
                                               '371' = Additional demand quantity
                                DE 6411 codes UN/ECE Recommendation no. 20. Codes for units of
                                              measurement,

- Deletion of the following code values:
     Header, BGM segment, DE 1225, code '04'
     SG2, NAD segment, DE 3035, code 'DS'
     SG9, PIA segment, CO C212, DE 7143, codes 'MG', 'DP', 'ML'
     SG11, QTY segment, CO C186, DE 6411, code 'EA',

- Usage changed for the following segment groups/segments:
     Header DTM segment, from R1 to M..2
     SG2, R1 to R..3
     SG2, NAD segment, M1 to M..3
     SG2, LOC segment, D1 to O1
     SG2, CUX segment, D1 to M1
     SG9, R..99999 to R..999999

SG9, PIA segment, M1 to O..3,

- Alignment of segments and composite data elements to ensure conformance (data
  harmonization) across all EDIFICE Implementation Guidelines,

- 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

Business flow diagram
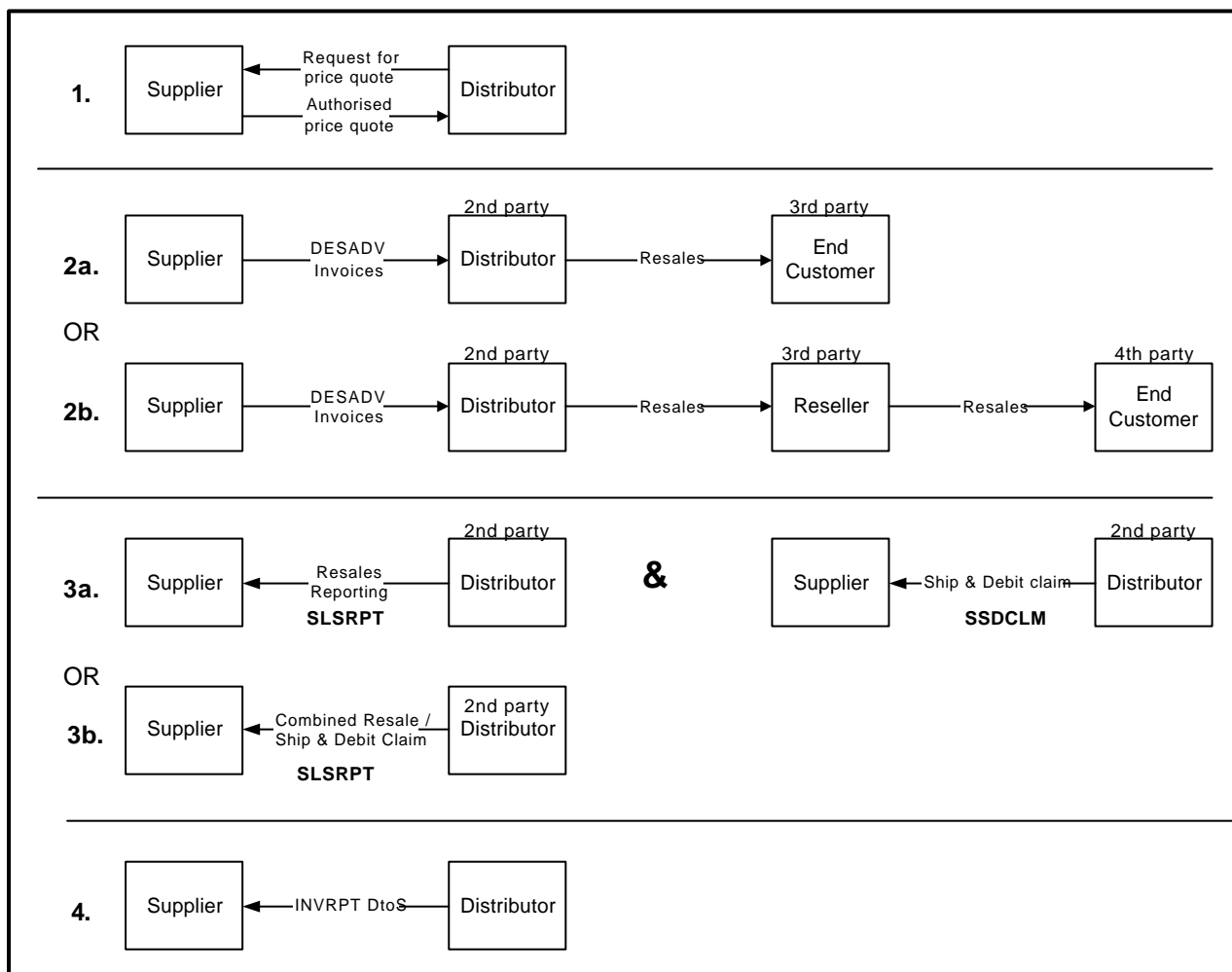
Principles

The INVRPT DtoS message is designed to facilitate the provision of status/static information between a manufacturer's agent (commonly referred to as a distributor) and the manufacturer (commonly referred to as a supplier) to identify the supplier's products and supporting related data that are held by the distributor.

The INVRPT DtoS message supports Point 4. of the business flow above and is designed to transport information related to uniquely identified products. This information comprises but is not limited to:
    Product information,
    Seller and buyer information,
    Inventory location information,
    Inventory quantity and pricing information,
    Date codes and sales numbers,
    Layered inventory at different prices.

The INVRPT DtoS message is restricted to the transmission of full inventory information.

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                              M1
    BGM     BEGINNING OF MESSAGE                        M1
    DTM     DATE/TIME/PERIOD                            M..2
┌───SG2                                                 R..3
│   NAD     NAME AND ADDRESS                            M1
└───LOC     PLACE/LOCATION IDENTIFICATION               O1
┌───SG5                                                 R1
└───CUX     CURRENCIES                                  M1
┌───SG9                                                 R..999999
│   LIN     LINE ITEM                                   M1
│   PIA     ADDITIONAL PRODUCT ID                       O..3
│┌──SG11                                                R..9999
││  INV     INVENTORY MANAGEMENT RELATED DETAILS        M1
││  QTY     QUANTITY                                    M1
│┌──SG13                                                O..2
│└──PRI     PRICE DETAILS                               M1
│┌──SG14                                                O..6
││  RFF     REFERENCE                                   M1
│└──DTM     DATE/TIME/PERIOD                            O1
    UNT     MESSAGE TRAILER                             M1
```

BRANCHING DIAGRAM

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

1                          ┌───────┐  ┌───────┐  ┌─────────┐
                           │  SG2  │  │  SG5  │  │   SG9   │
                           ├───────┤  ├───────┤  ├─────────┤
              ┌───────┐    │R│ ..3 │  │R│  1  │  │R│..999999│
              │  DTM  │    │  NAD  │  │  CUX  │  │   LIN   │
              ├───────┤    ├───────┤  ├───────┤  ├─────────┤
              │M│ ..2 │    │M│  1  │  │M│  1  │  │M│   1   │
              └───────┘    └───────┘  └───────┘  └─────────┘

2                                        │           ┌─────────┐
                                         │           │  SG11   │
                                         │           ├─────────┤
                              ┌───────┐  │           │R│ ..9999 │
                              │  PIA  │              │  INV    │
                              ├───────┤              ├─────────┤
                        ┌───┐ │O│ ..3 │              │M│   1   │
                        │LOC│ └───────┘              └─────────┘
                        ├───┤
                        │O│1│
                        └───┘

3                                          ┌───────┐  ┌───────┐
                                           │ SG13  │  │ SG14  │
                                           ├───────┤  ├───────┤
                                ┌───────┐  │O│ ..2 │  │O│ ..6 │
                                │  QTY  │  │  PRI  │  │  RFF  │
                                ├───────┤  ├───────┤  ├───────┤
                                │M│  1  │  │M│  1  │  │M│  1  │
                                └───────┘  └───────┘  └───────┘

4                                                     ┌───────┐
                                                      │  DTM  │
                                                      ├───────┤
                                                      │O│  1  │
                                                      └───────┘
```
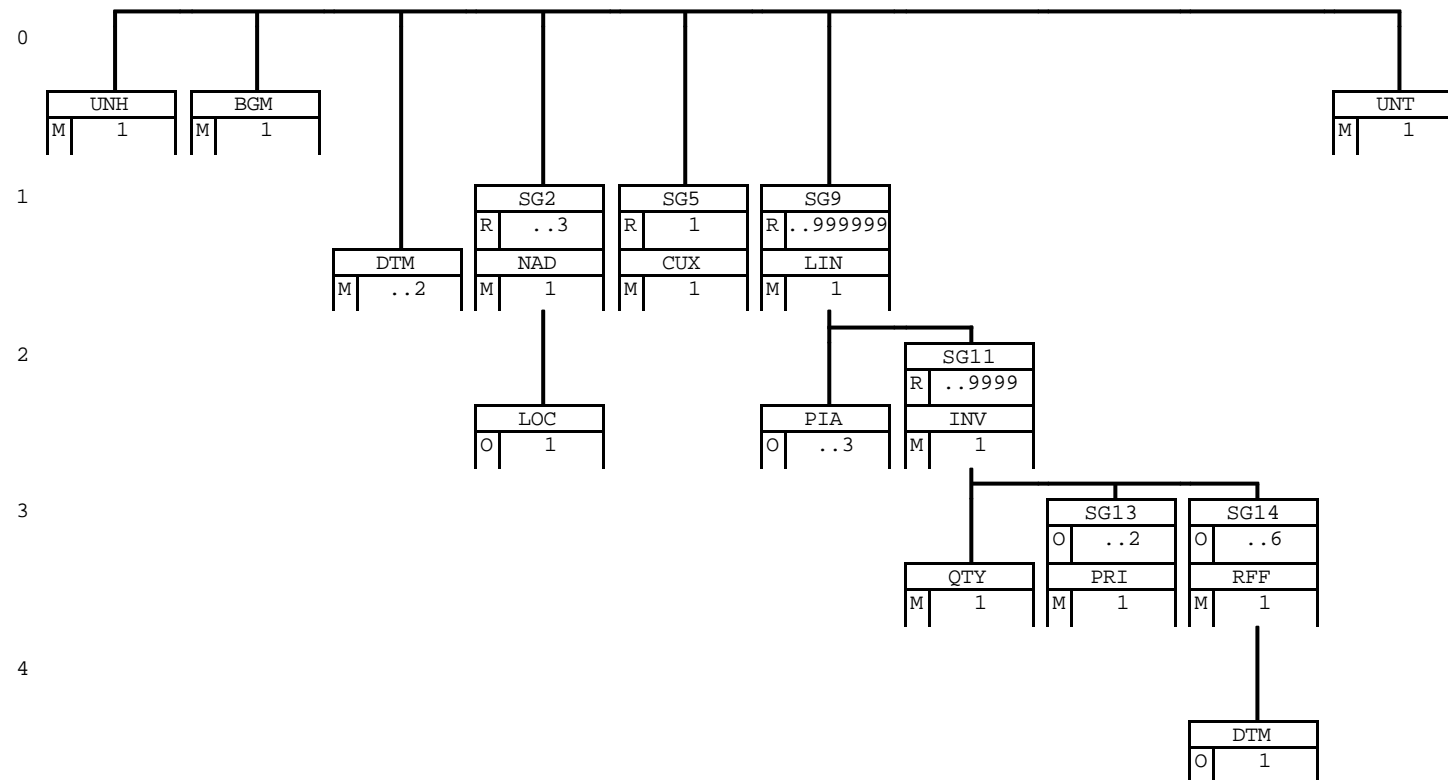
SEGMENT GROUPS/SEGMENTS DESCRIPTION

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 creation of the message and the inventory report
          date.
Usage   : M..2

SG2   NAD-LOC

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

LOC   PLACE/LOCATION IDENTIFICATION

Function: A segment identifying a location or place required for the inventory concerned, relevant
          to the specified party.
Usage   : O1

SG5   CUX

Function: A group of segments specifying the reference currency valid for the whole message.
Usage   : R1
Notes   :

CUX   CURRENCIES

Function: A segment specifying the currency for all prices.
Usage   : M1

SG9   LIN-PIA-SG11

Function: A group of segments providing inventory details of the individual line items i.e.
          products held in inventory.
Usage   : R..999999
Notes   : At present the maximum number of occurrences of this segment group is 9999. EDIFICE has
          raised a DMR to increase the number of occurrences to 999999.

LIN   LINE ITEM

Function: A segment identifying a line item by its item number, and agreed to be the primary
          reference number between the buyer and seller.
          The segment also carries a sequence number assigned to the line item within the message.
Usage   : M1

PIA   ADDITIONAL PRODUCT ID

Function: A segment providing additional identification numbers for the line item.
Usage   : O..3

SG11   INV-QTY-SG13-SG14

Function: A group of segments providing a quantity with all inventory management related
         information.
Usage   : R..9999
Notes   :

INV   INVENTORY MANAGEMENT RELATED DETAILS

Function: A segment specifying the inventory status.
Usage   : M1

QTY   QUANTITY

Function: A segment specifying a quantity.
Usage   : M1

SG13   PRI

Function: A group of segments specifying the pricing details.
Usage   : O..2
Notes   :

PRI   PRICE DETAILS

Function: A segment specifying the pricing details.
Usage   : M1

SG14   RFF-DTM

Function: A group of segments giving references only relating to the specified quantity.
Usage   : O..6
Notes   :

RFF   REFERENCE

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

DTM   DATE/TIME/PERIOD

Function: A segment specifying the date/time of the reference document.
Usage   : O1

UNT   MESSAGE TRAILER

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

UNH   **MESSAGE HEADER**

Function: A service segment heading, and uniquely identifying the message.
Usage   : M1
Notes   : Refer to EDIFICE Utilisation of the UN/EDIFACT Service Segments, Issue 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	INVRPT
0052	an..3	M	Message type version number	M	D
0054	an..3	M	Message type release number	M	97A
0051	an..2	M	Controlling agency	M	UN
0057	an..6	C	Association assigned code	R	EDDS03
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	35 = Inventory report
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	Inventory report number
1056 an..9 C Version	N	
1060 an..6 C Revision number	N	
1225 an..3 C MESSAGE FUNCTION, CODED	A	9 = Original
4343 an..3 C RESPONSE TYPE, CODED	N	

DTM   DATE/TIME/PERIOD

Function: A segment specifying the date/time of creation of the message and the inventory report
         date.
Usage   : M..2
Notes   : It is required to specify the date of creation of the message.

Ref.	Rep.		Name		EDIFICE Utilisation
C507		M	DATE/TIME/PERIOD	M	
2005	an..3	M	Date/time/period qualifier	M	137 = Document/message date/time Date when the document is created 366 = Inventory report date Stock date/validation date
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-LOC

NAD   NAME AND ADDRESS

Function: A segment identifying the function and coded identification, name and address of a party
          involved.
Usage   : M1
Notes   : At least the buyer and the seller must be specified.
          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
					SE = Seller
					DP = Delivery party
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

SG2   NAD-LOC

LOC   PLACE/LOCATION IDENTIFICATION

Function: A segment identifying a location or place required for the inventory concerned, relevant
          to the specified party.
Usage : O1
Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
3227	an..3	M	PLACE/LOCATION QUALIFIER	M	18 = Warehouse
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	

SG5   CUX

CUX   CURRENCIES

Function: A segment specifying the currency for all prices.
Usage   : M1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
C504		C	CURRENCY DETAILS	R	
6347	an..3	M	Currency details qualifier	M	2 = Reference currency
6345	an..3	C	Currency, coded	R	Use ISO 4217, 3 alpha code
6343	an..3	C	Currency qualifier	R	10 = Pricing currency
6348	n..4	C	Currency rate base	N	
C504		C	CURRENCY DETAILS	N	
6347	an..3	M	Currency details qualifier	N	
6345	an..3	C	Currency, coded	N	
6343	an..3	C	Currency qualifier	N	
6348	n..4	C	Currency rate base	N	
5402	n..12	C	RATE OF EXCHANGE	N	
6341	an..3	C	CURRENCY MARKET EXCHANGE, CODED	N	

LIN   LINE ITEM

Function: A segment identifying a line item by its item number, and agreed to be the primary
         reference number between the buyer and seller.
         The segment also carries a sequence number assigned to the line item within the message.
Usage   : M1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
1082	an..6	C	LINE ITEM NUMBER	R	It is required to assign a number to the line items within a message. The number is assigned by the sender of the message. The first line item within a message will be numbered 1 and further line items will be incremented by 1 for each new line.
1229	an..3	C	ACTION REQUEST/NOTIFICATION, CODED	N	
C212		C	ITEM NUMBER IDENTIFICATION	R	
7140	an..35	C	Item number	R	Primary reference
7143	an..3	C	Item number type, coded	R	BP = Buyer's part number EN = International Article Numbering Association (EAN) SRV = EAN.UCC Global Trade Item Number UP = UPC (Universal product code) VP = Vendor's (seller's) part number
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	R	9 = EAN (International Article Numbering association) 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	

SG9   LIN-PIA-SG11

PIA   ADDITIONAL PRODUCT ID

Function: A segment providing additional identification numbers for the line item.
Usage   : O..3
Notes   : The 5 internal repetitions of CO C212 may be used, but EDIFICE recommends to only use the
          first occurrence.

Ref.	Rep.		Name		EDIFICE Utilisation
4347	an..3	M	PRODUCT ID. FUNCTION QUALIFIER	M	1 = Additional identification
C212		M	ITEM NUMBER IDENTIFICATION	M	
7140	an..35	C	Item number	R	
7143	an..3	C	Item number type, coded	R	BP = Buyer's part number
					EN = International Article Numbering
					Association (EAN)
					SRV = EAN.UCC Global Trade Item Number
					UP = UPC (Universal product code)
					VP = Vendor's (seller's) part number
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	R	9 = EAN (International Article Numbering association)
					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	N	
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	

INV   INVENTORY MANAGEMENT RELATED DETAILS

Function: A segment specifying the inventory status.
Usage   : M1
Notes   :

Ref.	Rep.		Name		EDIFICE Utilisation
4501	an..3	C	INVENTORY MOVEMENT DIRECTION, CODED	N	
7491	an..3	C	TYPE OF INVENTORY AFFECTED, CODED	N	
4499	an..3	C	REASON FOR INVENTORY MOVEMENT, CODED	N	
4503	an..3	C	INVENTORY BALANCE METHOD, CODED	R	2 = Formal inventory balance Status
C522		C	INSTRUCTION	N	
4403	an..3	M	Instruction qualifier	N	
4401	an..3	C	Instruction, coded	N	
1131	an..3	C	Code list qualifier	N	
3055	an..3	C	Code list responsible agency, coded	N	
4400	an..35	C	Instruction	N	

SG11   INV-QTY-SG13-SG14

QTY   QUANTITY

Function: A segment specifying a quantity.
Usage   : M1
Notes   :

Ref. Rep. Name		EDIFICE Utilisation
C186 M QUANTITY DETAILS	M	

6063 an..3 M Quantity qualifier	M	17 = Quantity on hand
		48 = Received quantity
		58 = In transit quantity
		66 = Committed quantity
		143 = Quantity, remaining
		        Quantity available to sell - to be
		        agreed between trading partners.
		248 = Quantity disposition for scrap (*)
		249 = Quantity disposition for return (*)
		250 = Excess inventory (*)
		        Stock available to other distributors to
		        sell
		369 = Order count (*)
		        Number of order occurrences that compose
		        the total committed quantity
		370 = Bookings quantity (*)
		371 = Additional demand 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.

SG13   PRI

PRI   PRICE DETAILS

Function: A segment specifying the pricing details.
Usage   : M1
Notes   :

Ref. Rep. Name		EDIFICE Utilisation
C509 C PRICE INFORMATION	R	
5125 an..3 M Price qualifier	M	AAA = Calculation net ABP = Average buy price (*) (*) EDIFICE code
5118 n..15 C Price	R	

5375 an..3 C Price type, coded	R	CT = Contract
		       Basis contract cost
		DI = Distributor
		       Distributor non-contract

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	

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	R	
1153 an..3 M Reference qualifier	M	AAB = Proforma invoice
		AAK = Despatch advice number
		DC = Date code (*)
		IV = Invoice number
		PK = Packing list number
		SE = Serial number
		SRN = Shipment reference number
		TN = Transaction reference number
		(*) EDIFICE code
1154 an..35 C Reference number	R	
1156 an..6 C Line number	O	
4000 an..35 C Reference version number	N	

DTM   DATE/TIME/PERIOD

Function: A segment specifying the date/time of the reference document.
Usage   : O1
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	R	102 = CCYYMMDD
qualifier		203 = CCYYMMDDHHMM
		303 = CCYYMMDDHHMMZZZ
		ZZZ = Time zone
		304 = CCYYMMDDHHMMSSZZZ
		ZZZ = Time zone
		X03 = CCYYMMDDHHMMZZZZZ (*)
		ZZZZZ = Time zone
		X04 = CCYYMMDDHHMMSSZZZZZ (*)
		ZZZZZ = Time zone
		(*) EDIFICE code

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

```
UNH+1+INVRPT:D:97A:UN:EDDS03'
BGM+35+REPORT-1+9'
DTM+137:19980701:102'
DTM+366:199806301845:203'
NAD+BY+BUYER-CODE-1::92'
LOC+18+CENTRAL-WAREHOUSE::92'
NAD+SE+SELLER-CODE::91'
CUX+2:FRF:10'

LIN+1++PRODUCT-1:VP::91'

INV++++2'
QTY+17:1234:PCE'
PRI+AAA:8.375:CT::1:PCE'        eg. DBP 1Q98 was 8.375
RFF+IV:INVOICE-NUMBER-X'
DTM+171:19980228:102'           Invoice date

INV++++2'
QTY+17:2000:PCE'
PRI+AAA:7.975:DI::1:PCE'        Special buy price
RFF+IV:INVOICE-NUMBER-Y'
DTM+171:19980415:102'

INV++++2'
QTY+17:567:PCE'
PRI+AAA:9.125:CT::1:PCE'        eg. DBP 2Q98 was 9.125, no reversed Price-protection applied
RFF+IV:INVOICE-NUMBER-Z'
DTM+171:19980618:102'

INV++++2'
QTY+66:5000:PCE'                Committed quantity (End customer backlog at distributor)

INV++++2'
QTY+249:25:PCE'                 Quantity disposition for return
PRI+AAA:9.125:CT::1:PCE'
RFF+IV:INVOICE-NUMBER-Z'
DTM+171:19980618:102'

LIN+2++PRODUCT-2:VP::91'

INV++++2'
QTY+17:99:PCE'                  Only quantity on hand, no committed quantity
PRI+ABP:1.007:DI::1:PCE'        Average buy price, without invoice#/date

LIN+3++PRODUCT-3:VP::91'

INV++++2'
QTY+66:500:PCE'                 Only committed quantity, no quantity on hand, no price, no date

UNT+39+1'
```