EDIFICE IMPLEMENTATION GUIDELINE

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INVENTORY REPORT
SUPPLIER TO DISTRIBUTOR

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ISSUE EDSD02

ENDORSED 3 JUNE 1998

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BASED ON

UN/EDIFACT D.97A INVRPT MESSAGE

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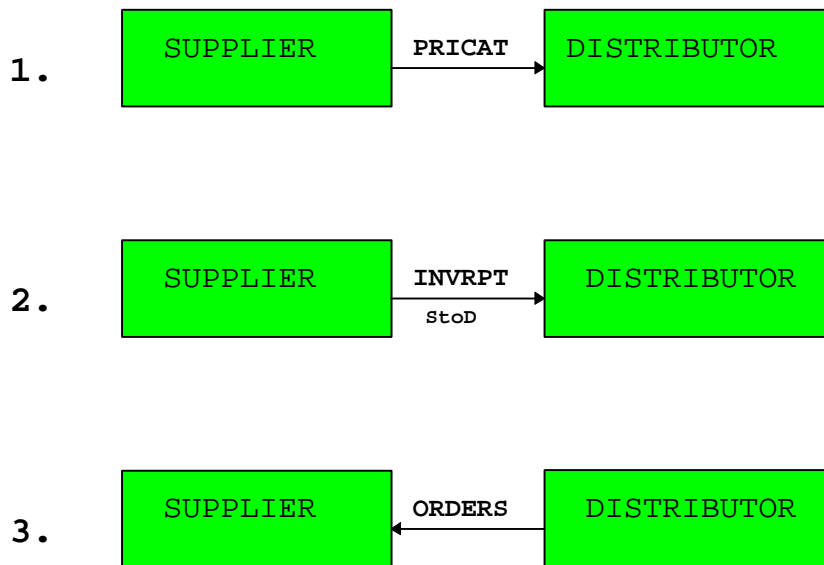## COMPARISON TO PREVIOUS ISSUE

This release of the INVRPT Supplier to Distributor 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,
```

- Replacement of the following code values:
```
    Header, BGM segment, DE 1001, code  '123' to '35' Inventory report
                         DE 1225, codes '00' to '9' Original
                                        '04' to '4' Change
            DTM segment, DE 2005, code 'STA' to '366' Inventory report date
    SG2,  NAD segment, DE 3035, code 'MF' to 'SE' Seller
    SG2,  LOC segment, DE 3227, code '14' to '18' Warehouse
                       CO C517, DE 3055 code '94' to '92' Assigned by buyer or buyer's agent
    SG9,  PIA segment, DE 4347, code '5' to '1' Additional identification
    SG11, QTY segment, CO C186, DE 6063, codes '69' to '99' Estimated quantity
                                               '70' to '143' Quantity, remaining
                                               '68' to 'LTQ' Lead time quantity
    SG11, DTM segment, CO C507, DE 2005, code 'STA' to '145' Event date
    SG11, LOC segment, DE 3227, code '14' to '18' Warehouse
                       CO C517, DE 3055 code '94' to '92' Assigned by buyer or buyer's agent,
```

- 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
                 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
    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, DTM segment, CO C507, DE 2005 codes '158' Horizon start date
                                              '159' Horizon end date
                                              '169' Lead time
                                              'ASK' Lead time on request
                           DE 2379 codes as Header DTM and '803' Week,
```

- Deletion of the following code values:
```
    SG9, PIA segment, CO C212, DE 7143, code 'MG',
```

- Usage changed for the following segment groups/segments:
```
    Header DTM segment, from R1 to M..2
    SG2, R1 to R..3
    SG2, LOC segment, D1 to O1
    SG9, R..99999 to R..999999
    SG9, PIA segment, M1 to O..3
    SG11, DTM segment, D1 to D..2
    SG11, LOC segment, D1 to O1,
```

- Deletion of the following segment:
```
    LTM segment,
```

- 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

```
                                    PRICAT
  1.    ┌──────────────┐    ───────────────►    ┌──────────────┐
        │   SUPPLIER   │                         │ DISTRIBUTOR  │
        └──────────────┘                         └──────────────┘


                                    INVRPT
  2.    ┌──────────────┐    ───────────────►    ┌──────────────┐
        │   SUPPLIER   │         StoD            │ DISTRIBUTOR  │
        └──────────────┘                         └──────────────┘


                                    ORDERS
  3.    ┌──────────────┐    ◄───────────────    ┌──────────────┐
        │   SUPPLIER   │                         │ DISTRIBUTOR  │
        └──────────────┘                         └──────────────┘
```

Principles

The INVRPT StoD message is designed to facilitate the provision of information between a
manufacturer (commonly referred to as a supplier) and a manufacturer's agent (commonly referred to
as a distributor) on the status of the supplier's product lead time and/or availability.

The INVRPT StoD message supports Point 2. 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,
       Lead time information,
       Date horizon information,
       Availability information.

Usually, the INVRPT StoD message contains the same products as the distribution PRICAT message, so
when, for example quarterly, the content of the PRICAT message changes (new products added and old
products withdrawn), also the content of the full INVRPT StoD message will be different, hence the
full refresh, which can be either scheduled or sent on request.

The INVRPT StoD message can be used to send variances or updates, for example on a daily basis.

To accommodate the above two scenarios, both 'change' and 'original' message types are catered for
by the use of DE 1225 in the BGM segment.

REFERENCES

```
UN/EDIFACT DIRECTORY D.97A 1996-12-10
    - DRAFT RECOMMENDATION INVENTORY REPORT MESSAGE
        Message Type        : INVRPT
        Version             : D
        Release             : 97A
        Controlling Agency  : UN
        Revision            : 7
        Date                : 96-12-13
    - DATA SEGMENTS DIRECTORY
    - COMPOSITE DATA ELEMENTS DIRECTORY
    - DATA ELEMENTS DIRECTORY
    - CODE LISTS

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

UN/ECE Recommendations
    - No 20 Codes for Units of Measure used in International Trade
        Date    : August 1995
    See also web-site: http://www.unece.org/trade/facil/tf_rec_h.htm

Core European Implementation Guidelines
    - Introduction
        Date    : 1996-01-22
    - Inventory Report
        UN/EDIFACT Directory    : 92.1/D.93A
        Date    : 1996-01-22

EDIFICE
    - Standards for Documentation of the EDIFICE Implementation Guidelines
        Issue   : 3 (DRAFT)
        Date    : 1997-09-24
    - EDIFICE Utilisation of the UN/EDIFACT Service Segments
        Issue   : 3
        Date    : 1997-11-26
```

EXPLANATORY NOTES

General

The following abbreviations are used within this document:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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
    ┌── 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
    │ │ LOC     PLACE/LOCATION IDENTIFICATION           O1
    └─┴ DTM     DATE/TIME/PERIOD                        D..2
        UNT     MESSAGE TRAILER                         M1
```

BRANCHING DIAGRAM
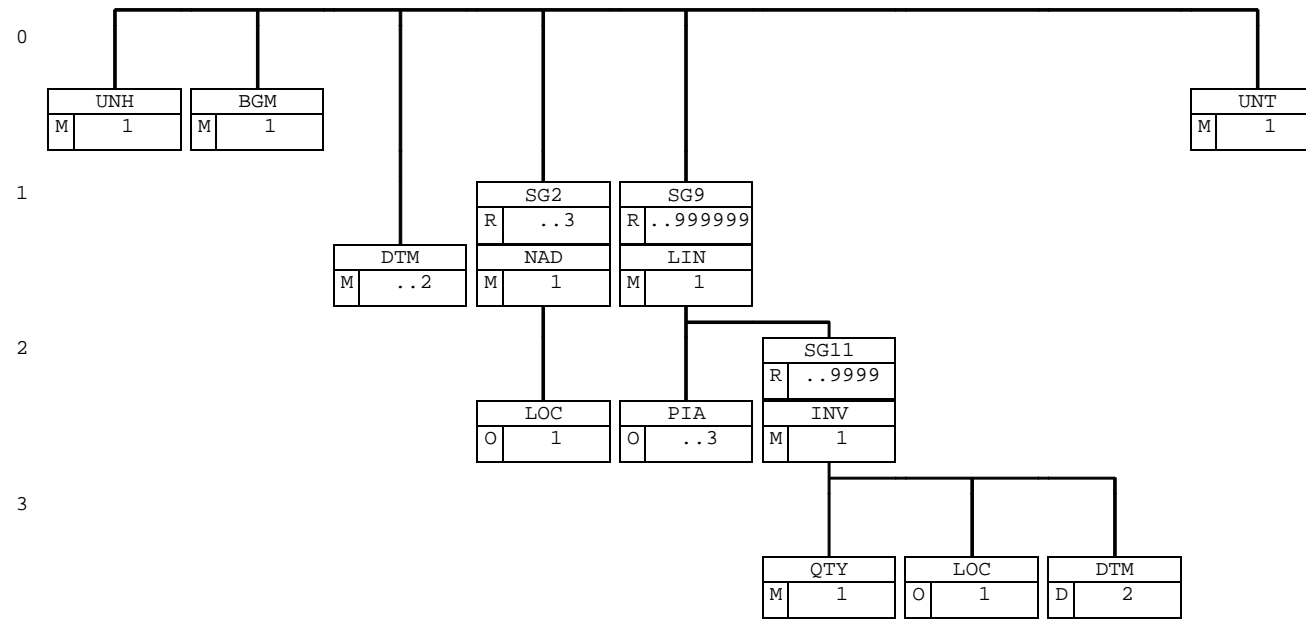
SEGMENT GROUPS/SEGMENTS DESCRIPTION

UNH   MESSAGE HEADER

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

BGM   BEGINNING OF MESSAGE

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

DTM   DATE/TIME/PERIOD

Function: A segment specifying the date/time of creation of the message and the inventory report
          date/validation 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   : If LOC is specified in SG2, it may be overridden by the information specified in LOC of
          SG11.

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

SG9   LIN-PIA-SG11

Function: A group of segments providing inventory details of the individual line items i.e.
          products supplied.
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-LOC-DTM

Function: A group of segments providing a quantity with all inventory management related
          information.
Usage   : R..9999
Notes   : If LOC is specified in SG11, it overrides the information specified in LOC of SG2.
          The DTM segment is used to specify the date/time or lead time of the related quantity.

INV INVENTORY MANAGEMENT RELATED DETAILS

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

QTY QUANTITY

Function: A segment specifying a quantity.
Usage   : M1

LOC PLACE/LOCATION IDENTIFICATION

Function: A segment identifying a location or place required for the inventory concerned.
Usage   : O1

DTM DATE/TIME/PERIOD

Function: A segment specifying the date/time or lead time as applied to the quantity.
Usage   : D..2

UNT MESSAGE TRAILER

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

UNH   MESSAGE HEADER

Function: A service segment heading, and uniquely identifying the message.
Usage   : M1
Notes   : Refer to EDIFICE Utilisation of the UN/EDIFACT Service Segments, Issue 3.

Ref.	Rep.		Name		EDIFICE Utilisation
0062	an..14	M	MESSAGE REFERENCE NUMBER	M	Transmission message count from 1
S009		M	MESSAGE IDENTIFIER	M	
0065	an..6	M	Message type identifier	M	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	EDSD02
0068	an..35	C	COMMON ACCESS REFERENCE	N	
S010		C	STATUS OF THE TRANSFER	N	
0070	n..2	M	Sequence message transfer number		
0073	a1	C	First/last sequence message transfer indication		

BGM   BEGINNING OF MESSAGE

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

Ref.	Rep.		Name		EDIFICE Utilisation
C002		C	DOCUMENT/MESSAGE NAME	R	
1001	an..3	C	Document/message name, coded	R	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	R	4 = Change Variances/updates e.g. daily 9 = Original Full refresh e.g. quarterly
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	101 = YYMMDD 102 = CCYYMMDD 201 = YYMMDDHHMM 203 = CCYYMMDDHHMM 301 = YYMMDDHHMMZZZ 303 = CCYYMMDDHHMMZZZ ZZZ = Time zone

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	91 = Assigned by seller or seller'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		
1131	an..3	C	Code list qualifier		
3055	an..3	C	Code list responsible agency, coded		
3222	an..70	C	Related place/location one		
C553		C	RELATED LOCATION TWO IDENTIFICATION	N	
3233	an..25	C	Related place/location two identification		
1131	an..3	C	Code list qualifier		
3055	an..3	C	Code list responsible agency, coded		
3232	an..70	C	Related place/location two		
5479	an..3	C	RELATION, 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) 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		
1082	an..6	C	Line item number		
1222	n..2	C	CONFIGURATION LEVEL	N	
7083	an..3	C	CONFIGURATION, CODED	N	

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)
					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	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	

SG11   INV-QTY-LOC-DTM

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		
4401	an..3	C	Instruction, coded		
1131	an..3	C	Code list qualifier		
3055	an..3	C	Code list responsible agency, coded		
4400	an..35	C	Instruction		

SG11   INV-QTY-LOC-DTM

QTY   QUANTITY

Function: A segment specifying a quantity.
Usage   : M1
Notes   : Where a lead time applies to a quantity range specify the maximum quantity in DE 6060 and
          use code 'LTQ' in DE 6063.

          Where a lead time does not apply to a specific quantity enter zero in DE 6060 and code
          'LTQ' in DE 6063.

          Where the product is considered to be on allocation use code 'LTQ' in DE 6063 and enter
          zero in DE 6060. The data elements within the DTM segment should contain the following
          values: '169' in DE 2005, '99' in DE 2380 and '803' in DE 2379.

          Where no lead time can be given use code 'LTQ' in DE 6063 and enter zero in DE 6060.
          Within the DTM segment use code 'ASK' in DE 2005. DE 2380 and DE 2379 are not used.

          When codes '17' or '143' are used in DE 6063, the DTM segment in this segment group does
          not need to be sent as the inventory report date (code '366' in DE 2005) specified in the
          header DTM segment applies.

Ref.	Rep.		Name		EDIFICE Utilisation
C186		M	QUANTITY DETAILS	M	
6063	an..3	M	Quantity qualifier	M	17 = Quantity on hand
					99 = Estimated quantity
					Anticipated quantity
					143 = Quantity, remaining
					LTQ = Lead time quantity
					Use this code until UN/EDIFACT makes
					one available.
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
					Other codes should be previously agreed
					between trading partners.

LOC   PLACE/LOCATION IDENTIFICATION

Function: A segment identifying a location or place required for the inventory concerned.
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	91 = Assigned by seller or seller's agent
3224	an..70	C	Place/location	D	
C519		C	RELATED LOCATION ONE IDENTIFICATION	O	
3223	an..25	C	Related place/location one identification	O	
1131	an..3	C	Code list qualifier	O	
3055	an..3	C	Code list responsible agency, coded	O	
3222	an..70	C	Related place/location one	O	
C553		C	RELATED LOCATION TWO IDENTIFICATION	N	
3233	an..25	C	Related place/location two identification		
1131	an..3	C	Code list qualifier		
3055	an..3	C	Code list responsible agency, coded		
3232	an..70	C	Related place/location two		
5479	an..3	C	RELATION, CODED	N	

SG11   INV-QTY-LOC-DTM

DTM   DATE/TIME/PERIOD

Function: A segment specifying the date/time or lead time as applied to the quantity.
Usage   : D..2
Notes   : For guidance on the use of this segment please refer to the SG11 QTY notes.

Ref.	Rep.		Name		EDIFICE Utilisation
C507		M	DATE/TIME/PERIOD	M	
2005	an..3	M	Date/time/period qualifier	M	145 = Event date 158 = Horizon start date 159 = Horizon end date 169 = Lead time ASK = Lead time on request Use this code until UN/EDIFACT makes one available.
2380	an..35	C	Date/time/period	D	
2379	an..3	C	Date/time/period format qualifier	D	101 = YYMMDD 102 = CCYYMMDD 201 = YYMMDDHHMM 203 = CCYYMMDDHHMM 301 = YYMMDDHHMMZZZ 303 = CCYYMMDDHHMMZZZ ZZZ = Time zone 803 = Week

UNT   MESSAGE TRAILER

Function: A service segment ending, and providing information for checking the completeness of a
          message.
Usage   : M1
Notes   : Refer to EDIFICE Utilisation of the UN/EDIFACT Service Segments, Issue 3.

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

EXAMPLES

```
EXAMPLE 1 - Time-phased availability

UNH+1+INVRPT:D:97A:UN:EDSD02'
BGM+35+REPORT-1+4'              Daily variance
DTM+137:19980701:102'
DTM+366:199806301845:203'
NAD+BY+BUYER-CODE-1::92'
NAD+SE+SELLER-CODE::91'
LOC+18+ELC::91'

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

INV++++2'
QTY+143:123:PCE'               123 units available to sell

INV++++2'
QTY+99:2500:PCE'               2500 units to become available by 7/7/1998
DTM+145:19980707:102'

INV++++2'
QTY+99:5000:PCE'               Additional 5000 units to become available by 8/8/1998
DTM+145:19980808:102'

INV++++2'
QTY+99:10000:PCE'              Additional 10000 units to become available by 9/9/1998
DTM+145:19980909:102'

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

INV++++2'
QTY+143:99:PCE'                99 units available to sell

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

INV++++2'
QTY+LTQ:0:PCE'                 No units available, lead time on request
DTM+ASK'

UNT+27+1'
```

```
EXAMPLE 2 - Availability and general lead time

UNH+1+INVRPT:D:97A:UN:EDSD02'
BGM+35+REPORT-2+4'              Daily variance
DTM+137:19980701:102'
DTM+366:199806301845:203'
NAD+BY+BUYER-CODE-1::92'
NAD+SE+SELLER-CODE::91'
LOC+18+ELC::91'

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

INV++++2'
QTY+143:123:PCE'               123 units available

INV++++2'
QTY+LTQ:0:PCE'
DTM+169:4:803'                 The lead time for any quantity is 4 weeks

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

INV++++2'
QTY+LTQ:0:PCE'
DTM+169:8:803'                 The lead time for any quantity is 8 weeks

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

INV++++2'
QTY+LTQ:0:PCE'
DTM+ASK'                       Lead time on request

UNT+22+1'
```

```
EXAMPLE 3 - Lead times per quantity range

UNH+1+INVRPT:D:97A:UN:EDSD02'
BGM+35+REPORT-3+4'              Daily variance
DTM+137:19980701:102'
DTM+366:199806301845:203'
NAD+BY+BUYER-CODE-1::92'
NAD+SE+SELLER-CODE::91'
LOC+18+ELC::91'

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

INV++++2'
QTY+LTQ:100:PCE'                Quantity range from 1 to 100
DTM+169+4:803'                  4 weeks lead time

INV++++2'
QTY+LTQ:1000:PCE'              Quantity range from 101 to 1000
DTM+169+8:803'                 8 weeks lead time

INV++++2'
QTY+LTQ:10000:PCE'            Quantity range from 1001 to 10000
DTM+ASK'                       No leadtime specified


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

INV++++2'
QTY+LTQ:100:PCE'                Quantity range from 1 to 100
DTM+169+1:803'                  1 week lead time

INV++++2'
QTY+LTQ:1000:PCE'             Quantity range from 101 to 1000
DTM+169+3:803'                3 weeks lead time

INV++++2'
QTY+LTQ:10000:PCE'            Quantity range from 1001 to 10000
DTM+169+5:803'                5 weeks lead time


UNT+28+1'
```