



The Global Network for B2B Integration in High Tech Industries

EDIFICE Message Implementation Guideline Inventory Report – Distributor to Supplier

INVRPT Issue EDID10

Endorsed on 15 June 2011

Based on UN/EDIFACT D.10A INVRPT message

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COMPARISON TO PREVIOUS ISSUE

Issue EDID10 of 1 June 2011: Upgrade to UN/EDIFACT Directory D.10A

The only structural change is the renaming of SG11 to SG12, SG13 to SG14, SG14 to SG15
The occurrence of SG9 was increased by UN/EDIFACT 9999999.

EDIFICE recommends to make use of EDIFACT code lists.

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

The summary of changes in this MIG is listed below:

| Place | EDIFICE Code (*) | Replaced with EDIFACT code/EDIFICE code (*)/Removed/Added |
|---------------|--|--|
| All DTM-2005 | X03=CCYMMDDHHMMZZZZZ (*) X04=CCYMMDDHHMMSSZZZZZ (*) | 205=CCYMMDDHHMMZHHMM Removed |
| SG12-QTY-6063 | 463=Quantity disposition for scrap (*) 464=Excess Inventory (*) 465=Order Count (*) 466=Bookings quantity (*) | E63=Quantity disposition for scrap (*) E64=Excess Inventory (*) E65=Order Count (*) E66=Bookings quantity (*) |
| SG15-DTM-2005 | DC=Date Code (*) | PC=Production Code |

Issue EDID05 of 1 June 2005:

- Upgrade to UN/EDIFACT Code list D.04B

EDIFICE code changes applied to the MIG. These EDIFICE codes will be submitted to UN/EDIFACT for inclusion in the UN/EDIFACT standard.

SG11 - QTY - DE 6063

'248' Quantity disposition for scrap replaced with '463' Quantity disposition for scrap

'250' Excess inventory replaced with '464' Excess inventory

'369' Order Count replaced with '465' Order count

'370' Bookings quantity replaced with '466' Bookings quantity

Replacement of EDIFICE codes with standard codes.

- SG11 - QTY - DE 6063:

'249' Quantity disposition for return replaced with '195' Received, not accepted, to be returned

'371' Additional demand quantity replaced with '209' Additional replenishment demand quantity

Correction of the examples according to the code changes.

12 May 2004 : EDIFIX 5.0 Technical Upgrade

- The 'KMT' qualifier in SEG QTY and PRI DE 6411 is now defined as (*) EDIFICE code. UN/ECE Recommendation 20 specifies 'KTM' as qualifier for 'kilometre'.

Issue EDID04 of 3 November 2003 :

- Correction of the following code value:

- o SG11, QTY segment, DE 6063 code '58' In transit quantity replaced by code '57' In transit quantity

- UNH segment, DE 0057 Association assigned code was changed from EDDS.. to EDID.. conform the rules described in the EDIFICE Utilisation of the UN/EDIFACT Service Segments EDSS04.

21 May 2003 :

- EDIFICE Utilisation for SG14 RFF; CDE C506 changed from 'R' to 'M' according to UN/EDIFACT specifications - this does not affect the functionality of the message.

- EDIFIX 4.2 Technical upgrade; review and correction of examples

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

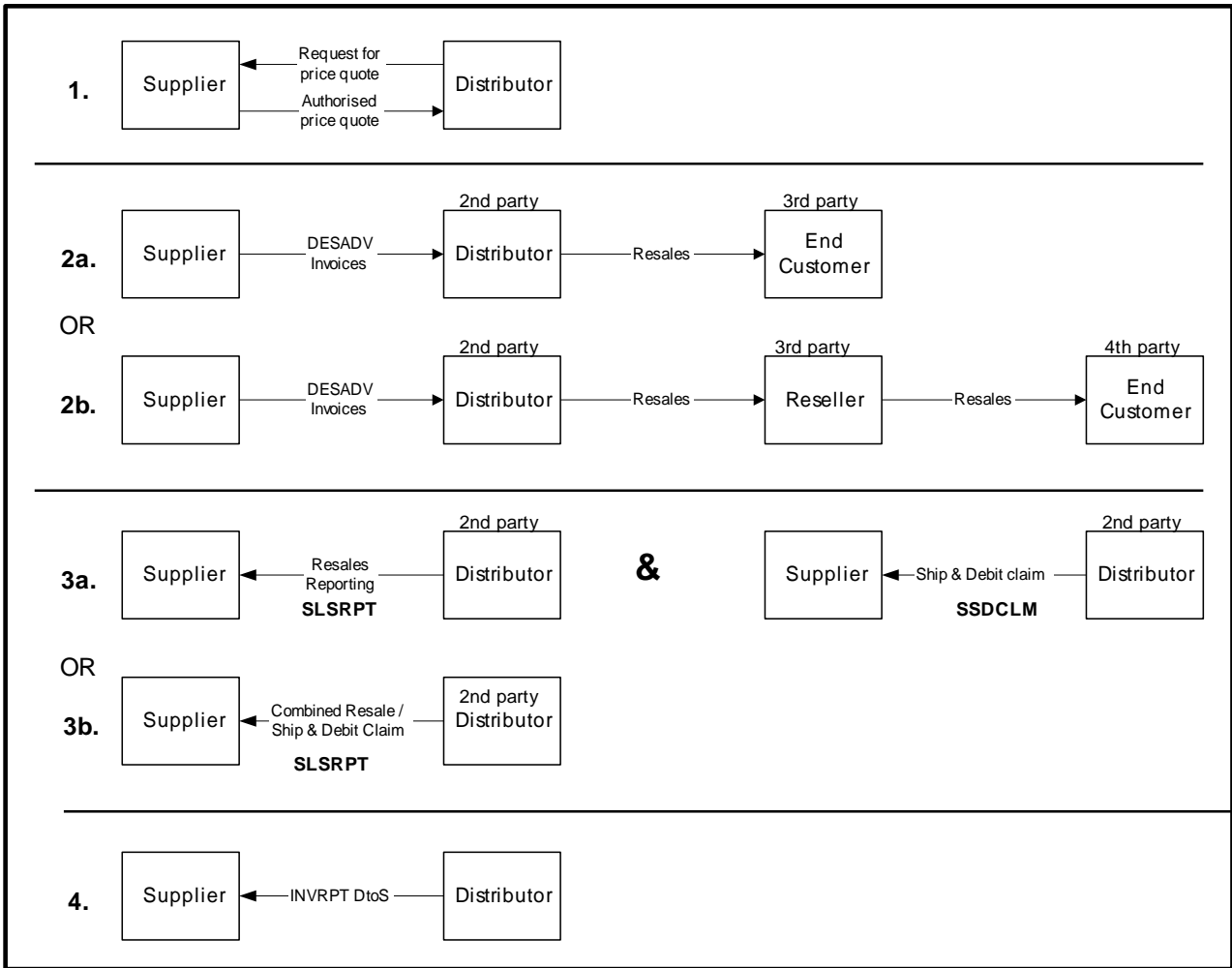
Issue EDDS02 of the INVRPT Distributor to Supplier message includes the changes that have been made to the issue 1 of the message endorsed by the EDIFICE Plenary on 29 November 1991. The changes are as follows:

- 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

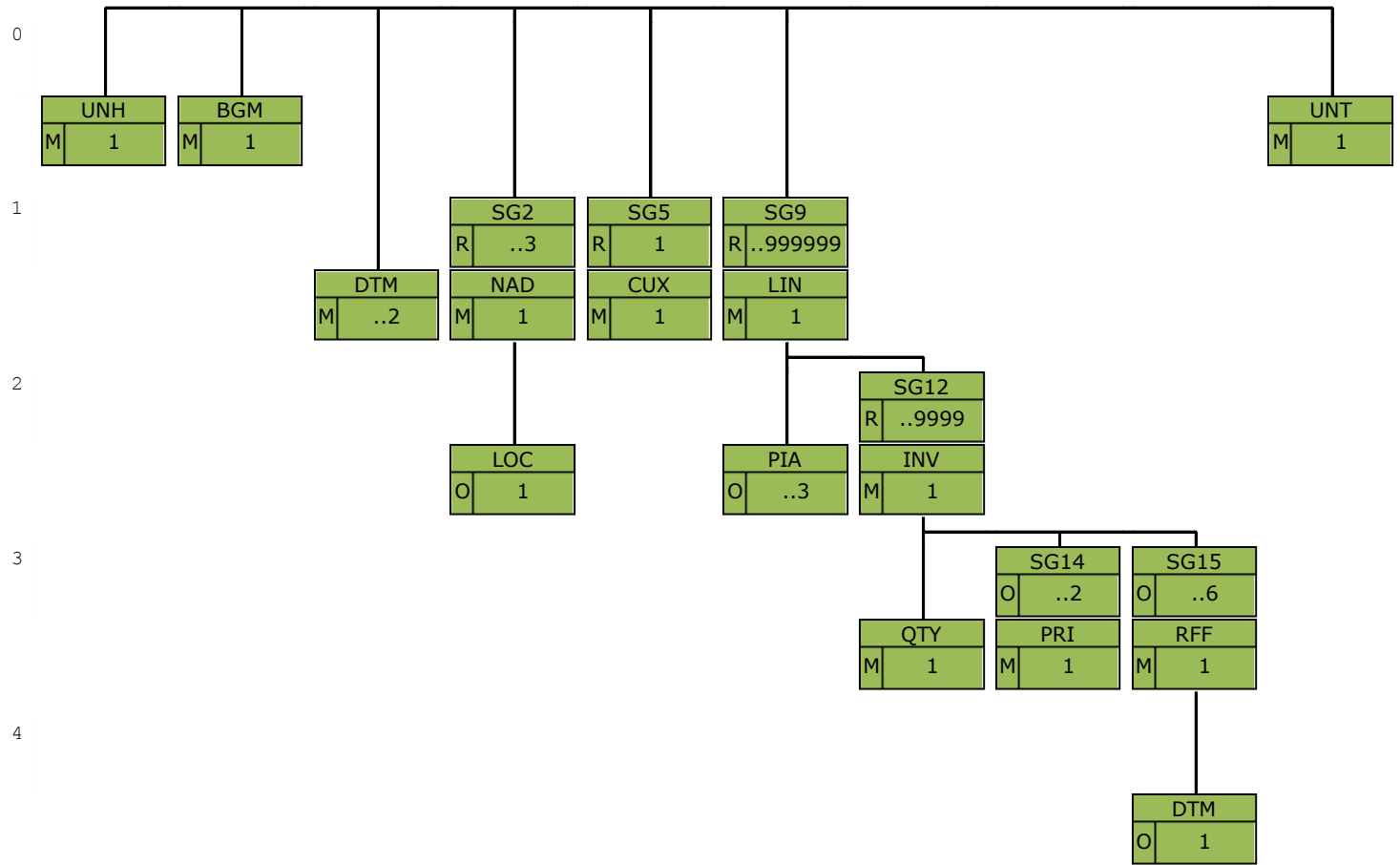
EXPLANATORY NOTES

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

MESSAGE STRUCTURE CHART

| | | | |
|---|------|--------------------------------------|------------|
| | UNH | Message header | M 1 |
| | BGM | Beginning of message | M 1 |
| | DTM | Date/time/period | M..2 |
| ┌ | SG2 | | R..3 |
| ├ | NAD | Name and address | M 1 |
| └ | LOC | Place/location identification | O 1 |
| ┌ | SG5 | | R 1 |
| └ | CUX | Currencies | M 1 |
| ┌ | SG9 | | R ..999999 |
| ├ | LIN | Line item | M 1 |
| ├ | PIA | Additional product id | O..3 |
| └ | SG12 | | R ..9999 |
| ├ | INV | Inventory management related details | M 1 |
| ├ | QTY | Quantity | M 1 |
| └ | SG14 | | O..2 |
| └ | PRI | Price details | M 1 |
| ┌ | SG15 | | O..6 |
| ├ | RFF | Reference | M 1 |
| └ | DTM | Date/time/period | O 1 |
| | UNT | Message trailer | M 1 |

BRANCHING DIAGRAM



SEGMENT 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: O 1

SG5 CUX

Function: A group of segments specifying the reference currency valid for the whole message.
Usage: R 1
Notes:

CUX Currencies

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

SG9 LIN-PIA-SG12

Function: A group of segments providing inventory details of the individual line items i.e. products held in inventory.
Usage: R ..999999
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.
Usage: M1

PIA Additional product id

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

SG12 INV-QTY-SG14-SG15

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

SG14 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

SG15 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: O 1

UNT Message trailer

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

SEGMENT DETAILS



UNH Message header

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

Usage : M1

Notes : Refer to EDIFICE Utilisation of the UN/EDIFACT Service Segments, Issue EDSS10

| Ref. | Rep. | Name | | EDIFICE Utilisation |
|------|--------|---|---|--|
| 0062 | an..14 | M MESSAGE REFERENCE NUMBER | M | Transmission message count from 1 INVRPT = Inventory report message D = Draft version/UN/EDIFACT Directory 10A = Release 2010 - A UN = UN/CEFACT EDID10 = Inventory report - DtoS Issue EDID10 |
| S009 | | M MESSAGE IDENTIFIER | M | |
| 0065 | an..6 | M Message type | M | |
| 0052 | an..3 | M Message version number | M | |
| 0054 | an..3 | M Message release number | M | |
| 0051 | an..3 | M Controlling agency, coded | M | |
| 0057 | an..6 | C Association assigned code | R | |
| 0110 | an..6 | C Code list directory version number | N | |
| 0113 | an..6 | C Message type sub-function identification | N | |
| 0068 | an..35 | C COMMON ACCESS REFERENCE | N | |
| S010 | | C STATUS OF THE TRANSFER | N | |
| 0070 | n..2 | M Sequence of transfers | N | |
| 0073 | a1 | C First and last transfer | N | |
| S016 | | C MESSAGE SUBSET IDENTIFICATION | N | |
| 0115 | an..14 | M Message subset identification | N | |
| 0116 | an..3 | C Message subset version number | N | |
| 0118 | an..3 | C Message subset release number | N | |
| 0051 | an..3 | C Controlling agency, coded | N | |
| S017 | | C MESSAGE IMPLEMENTATION GUIDELINE IDENTIFICATION | N | |
| 0121 | an..14 | M Message implementation guideline identification | N | |
| 0122 | an..3 | C Message implementation guideline version number | N | |
| 0124 | an..3 | C Message implementation guideline release number | N | |
| 0051 | an..3 | C Controlling agency, coded | N | |
| S018 | | C SCENARIO IDENTIFICATION | N | |
| 0127 | an..14 | M Scenario identification | N | |
| 0128 | an..3 | C Scenario version number | N | |
| 0130 | an..3 | C Scenario release number | N | |
| 0051 | an..3 | C Controlling agency, coded | N | |

BGM Beginning of message

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

Usage : M1

Notes :

| Ref. | Rep. | Name | | EDIFICE Utilisation |
|------|--------|-------------------------------------|---|------------------------------|
| C002 | | C DOCUMENT/MESSAGE NAME | R | |
| 1001 | an..3 | C Document name code | R | 35 = Inventory report |
| 1131 | an..17 | C Code list identification code | N | |
| 3055 | an..3 | C Code list responsible agency code | N | |
| 1000 | an..35 | C Document name | N | |
| C106 | | C DOCUMENT/MESSAGE IDENTIFICATION | R | |
| 1004 | an..70 | C Document identifier | R | Inventory report number |
| 1056 | an..9 | C Version identifier | N | |
| 1060 | an..6 | C Revision identifier | N | |
| 1225 | an..3 | C MESSAGE FUNCTION CODE | A | 9 = Original |
| 4343 | an..3 | C RESPONSE TYPE CODE | N | |

DTM Date/time/period

Function: A segment specifying the date/time of creation of the message 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 or time or period function code qualifier | M | 137 = Document issue date time 366 = Inventory report date <i>Stock date/validation date</i> |
| 2380 | an..35 | C Date or time or period text | R | |
| 2379 | an..3 | C Date or time or period format code | R | 102 = CCYYMMDD 203 = CCYYMMDDHHMM 205 = CCYYMMDDHHMMZHHMM <i>Replaces EDIFICE code</i> <i>X03=CCYYMMDDHHMMZZZZ</i> 303 = CCYYMMDDHHMMZZZ <i>ZZZ = Time zone</i> 304 = CCYYMMDDHHMMSSZZZ <i>ZZZ = Time zone</i> |

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

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 : 01

Notes :

| Ref. | Rep. | Name | | EDIFICE Utilisation |
|------|---------|---------------------------------------|---|---|
| 3227 | an..3 | M LOCATION FUNCTION CODE 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..35 | C Location identifier | A | |
| 1131 | an..17 | C Code list identification code | N | |
| 3055 | an..3 | C Code list responsible agency code | D | 92 = Assigned by buyer or buyer's agent |
| 3224 | an..256 | C Location name | D | |
| C519 | | C RELATED LOCATION ONE IDENTIFICATION | N | |
| 3223 | an..35 | C First related location identifier | N | |
| 1131 | an..17 | C Code list identification code | N | |
| 3055 | an..3 | C Code list responsible agency code | N | |
| 3222 | an..70 | C First related location name | N | |
| C553 | | C RELATED LOCATION TWO IDENTIFICATION | N | |
| 3233 | an..35 | C Second related location identifier | N | |
| 1131 | an..17 | C Code list identification code | N | |
| 3055 | an..3 | C Code list responsible agency code | N | |
| 3232 | an..70 | C Second related location name | N | |
| 5479 | an..3 | C RELATION CODE | 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 usage code qualifier | M | 2 = Reference currency |
| 6345 | an..3 | C Currency identification code | R | Use ISO 4217, 3 alpha code |
| 6343 | an..3 | C Currency type code qualifier | R | 10 = Pricing currency |
| 6348 | n..4 | C Currency rate | N | |
| C504 | | C CURRENCY DETAILS | N | |
| 6347 | an..3 | M Currency usage code qualifier | N | |
| 6345 | an..3 | C Currency identification code | N | |
| 6343 | an..3 | C Currency type code qualifier | N | |
| 6348 | n..4 | C Currency rate | N | |
| 5402 | n..12 | C CURRENCY EXCHANGE RATE | N | |
| 6341 | an..3 | C EXCHANGE RATE CURRENCY MARKET IDENTIFIER | N | |

SG9 LIN-PIA-SG12

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 IDENTIFIER | R It is required to assign a number to the line items within a message. The number is assigned by the sender of the message. The first line item within a message will be numbered 1 and further line items will be incremented by 1 for each new line. |
| 1229 | an..3 | C ACTION CODE | N |
| C212 | | C ITEM NUMBER IDENTIFICATION | R |
| 7140 | an..35 | C Item identifier | R Primary reference |
| 7143 | an..3 | C Item type identification code | R BP = Buyer's part number 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..17 | C Code list identification code | N |
| 3055 | an..3 | C Code list responsible agency code | R 9 = GS1 91 = Assigned by seller or seller's agent 92 = Assigned by buyer or buyer's agent 113 = GS1 US |
| C829 | | C SUB-LINE INFORMATION | N |
| 5495 | an..3 | C Sub-line indicator code | N |
| 1082 | an..6 | C Line item identifier | N |
| 1222 | n..2 | C CONFIGURATION LEVEL NUMBER | N |
| 7083 | an..3 | C CONFIGURATION OPERATION CODE | N |

SG9 LIN-PIA-SG12

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 IDENTIFIER CODE QUALIFIER | M | 1 = Additional identification 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 9 = GS1 91 = Assigned by seller or seller's agent 92 = Assigned by buyer or buyer's agent 113 = GS1 US | |
| C212 | | M ITEM NUMBER IDENTIFICATION | M | | |
| 7140 | an..35 | C Item identifier | R | | |
| 7143 | an..3 | C Item type identification code | R | | |
| 1131 | an..17 | C Code list identification code | N | | |
| 3055 | an..3 | C Code list responsible agency code | R | | |
| C212 | | C ITEM NUMBER IDENTIFICATION | O | | As for first CO C212 |
| 7140 | an..35 | C Item identifier | R | | |
| 7143 | an..3 | C Item type identification code | R | | |
| 1131 | an..17 | C Code list identification code | N | | |
| 3055 | an..3 | C Code list responsible agency code | N | | |
| C212 | | C ITEM NUMBER IDENTIFICATION | O | As for first CO C212 | |
| 7140 | an..35 | C Item identifier | R | | |
| 7143 | an..3 | C Item type identification code | R | | |
| 1131 | an..17 | C Code list identification code | N | | |
| 3055 | an..3 | C Code list responsible agency code | R | | |
| C212 | | C ITEM NUMBER IDENTIFICATION | O | As for first CO C212 | |
| 7140 | an..35 | C Item identifier | R | | |
| 7143 | an..3 | C Item type identification code | R | | |
| 1131 | an..17 | C Code list identification code | N | | |
| 3055 | an..3 | C Code list responsible agency code | R | | |
| C212 | | C ITEM NUMBER IDENTIFICATION | O | As for first CO C212 | |
| 7140 | an..35 | C Item identifier | R | | |
| 7143 | an..3 | C Item type identification code | R | | |
| 1131 | an..17 | C Code list identification code | N | | |
| 3055 | an..3 | C Code list responsible agency code | R | | |

SG12 INV-QTY-SG14-SG15

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 CODE | N | 2 = Formal inventory balance <i>Status</i> |
| 7491 | an..3 | C INVENTORY TYPE CODE | N | |
| 4499 | an..3 | C INVENTORY MOVEMENT REASON CODE | N | |
| 4503 | an..3 | C INVENTORY BALANCE METHOD CODE | R | |
| C522 | | C INSTRUCTION | N | |
| 4403 | an..3 | M Instruction type code qualifier | N | |
| 4401 | an..3 | C Instruction description code | N | |
| 1131 | an..17 | C Code list identification code | N | |
| 3055 | an..3 | C Code list responsible agency code | N | |
| 4400 | an..35 | C Instruction description | N | |

SG12 INV-QTY-SG14-SG15

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 type code qualifier | M | 17 = Quantity on hand 48 = Received quantity 57 = In transit quantity 66 = Committed quantity 89 = Quality control held 143 = Quantity, remaining <i>Quantity available to sell - to be agreed between trading partners.</i> 152 = Consignment stock <i>Available to sell, Supplier-owned</i> 195 = Received, not accepted, to be returned <i>Quantity disposition for return</i> 209 = Additional replenishment demand quantity 210 = Returned by consumer quantity <i>Returned by End-Customer into Supplier-owned Inventory, to be dispositioned</i> 452 = En route to warehouse quantity <i>Inbound Goods In Transit (IGIT) (into Supplier-owned Inventory)</i> 453 = En route from warehouse quantity <i>Supplier-owned inventory returned to Supplier</i> E63 = Quantity disposition for scrap (*) Replaces EDIFICE code 463 E64 = Excess inventory (*) Stock available to other distributors to sell Replaces EDIFICE code 464 E65 = Order count (*) Number of order occurrences that compose the total committed quantity Replaces EDIFICE code 465 E66 = Bookings quantity (*) Replaces EDIFICE code 466 (*) EDIFICE code |
| 6060 | an..35 | M Quantity | M | |
| 6411 | an..8 | C Measurement unit code | R | CLT = centilitre CMT = centimetre EA = each GRM = gram H87 = piece KGM = kilogram KMT = kilometre LTR = litre MGM = milligram MMT = millimetre MTK = square metre MTQ = cubic metre MTR = metre PCE = piece (*) EDIFICE Code 'PCE' is widely adopted by membership and preferred over the EDIFACT code 'H87' (*) EDIFICE code Other codes should be previously agreed between trading partners. |

SG14 PRI

PRI Price details

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

| Ref. | Rep. | Name | | EDIFICE Utilisation |
|------|-------|---|---|---|
| C509 | | C PRICE INFORMATION | R | AAA = Calculation net ABP = Average buy price (*) (*) EDIFICE code CT = Contract <i>Basis contract cost</i> DI = Distributor <i>Distributor non-contract</i> CLT = centilitre CMT = centimetre EA = each GRM = gram H87 = piece KGM = kilogram KMT = kilometre LTR = litre MGM = milligram MMT = millimetre MTK = square metre MTQ = cubic metre MTR = metre PCE = piece (*) EDIFICE Code 'PCE' is widely adopted by membership and preferred over the EDIFACT code 'H87' (*) EDIFICE code Other codes should be previously agreed between trading partners. |
| 5125 | an..3 | M Price code qualifier | M | |
| 5118 | n..15 | C Price amount | R | |
| 5375 | an..3 | C Price type code | R | |
| 5387 | an..3 | C Price specification code | N | |
| 5284 | n..9 | C Unit price basis quantity | R | |
| 6411 | an..8 | C Measurement unit code | R | |
| 5213 | an..3 | C SUB-LINE ITEM PRICE CHANGE OPERATION CODE | N | |

SG15 RFF-DTM

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 | AAB = Proforma invoice document identifier AAK = Despatch advice number IV = Invoice document identifier PC = Production code <i>Replaces EDIFICE code DC=Date Code</i> PK = Packing list number SE = Serial number SRN = Shipment reference number TN = Transaction reference number |
| 1153 | an..3 | M Reference code qualifier | M | |
| 1154 | an..70 | C Reference identifier | R | |
| 1156 | an..6 | C Document line identifier | O | |
| 1056 | an..9 | C Version identifier | N | |
| 1060 | an..6 | C Revision identifier | N | |

SG15 RFF-DTM**DTM Date/time/period**

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

Usage : 01

Notes :

| Ref. | Rep. | Name | | EDIFICE Utilisation |
|------|--------|--|---|---|
| C507 | | M DATE/TIME/PERIOD | M | |
| 2005 | an..3 | M Date or time or period function code qualifier | M | 171 = Reference date/time |
| 2380 | an..35 | C Date or time or period text | R | |
| 2379 | an..3 | C Date or time or period format code | R | 102 = CCYMMDD 203 = CCYMMDDHHMM 205 = CCYMMDDHHMMZHHMM <i>Replaces EDIFICE code</i> <i>X03=CCYMMDDHHMMZZZZ</i> 303 = CCYMMDDHHMMZZZ <i>ZZZ = Time zone</i> 304 = CCYMMDDHHMMSSZZZ <i>ZZZ = Time zone</i> |

UNT Message trailer

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

Usage : M1

Notes : Refer to EDIFICE Utilisation of the UN/EDIFACT Service Segments, Issue EDSS10

| Ref. | Rep. | Name | EDIFICE Utilisation | |
|------|--------|-----------------------------------|---------------------|---|
| 0074 | n..10 | M NUMBER OF SEGMENTS IN A MESSAGE | M | Count of all segments in the message, UNH and UNT included. |
| 0062 | an..14 | M MESSAGE REFERENCE NUMBER | M | Must be the same reference number as in DE 0062 of the UNH segment of this message. |

EXAMPLES

UNB+UNOW:4+234567891:1:X+198765432:1:X+971201:1924+66+X:AA+INVRPT++1+X+1'
UNH+1+INVRPT:D:10A:UN:EDID10'
BGM+35+REPORT-1+9'
DTM+137:20100701:102'
DTM+366:201006301845:203'
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' e.g. DBP 1Q2010 was 8.375
RFF+IV:INVOICE-NUMBER-X'
DTM+171:20100228:102' Invoice date
INV++++2'
QTY+17:2000:PCE'
PRI+AAA:7.975:DI::1:PCE' Special buy price
RFF+IV:INVOICE-NUMBER-Y'
DTM+171:20100415:102'
INV++++2'
QTY+17:567:PCE'
PRI+AAA:9.125:CT::1:PCE' e.g. DBP 2Q2010 was 9.125, no reversed Price protection applied
RFF+IV:INVOICE-NUMBER-Z'
DTM+171:20100618:102'
INV++++2'
QTY+66:5000:PCE' Committed quantity (End-customer backlog at distributor)
INV++++2'
QTY+195:25:PCE' Quantity disposition for return
PRI+AAA:9.125:CT::1:PCE'
RFF+IV:INVOICE-NUMBER-Z'
DTM+171:20100618:102'
LIN+2++PRODUCT-2:VP::91'
INV++++2'
QTY+17:99:PCE' Only quantity on hand, no committed quantity
PRI+AAA:9.125:CT::1:PCE'
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'
UNZ+1+66'