



The Global Network for B2B Integration in High Tech Industries

EDIFICE Message Implementation Guideline

Delivery just in time

DELJIT Issue EDDJ10

Endorsed on 15 June 2011

Based on UN/EDIFACT D.10A DELJIT message

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COMPARISON TO PREVIOUS ISSUE

Issue EDDJ10 of 1 June 2011: Upgrade to UN/EDIFACT Directory D.10A

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
SG4-SEQ	3=Created, New	39= New
SG7-LIN-7143	DI=Distributor's part number(*)	SSS= Distributor's article identifier
SG7-PAC-7065	TRY90=Standard Tray REL90=Standard Reel RAL90=Standard Rail BLK90= Standard Bulk	PU=Tray RL=Reel Removed Removed

Issue EDDJ06 of August 2008

- Upgrade to UN/EDIFACT Directory/Code List D.08A which implies the following changes:
- SG11-SG12 are now SG12-SG13
- SG14 PRI-CUX was added to allow the transfer of Price/Currency information

Data Element format changes :

- * 1131 Code List Identification Code * Format:'an..3' ---> 'an..17'
- * 1154 Reference Identifier * Format:'an..35' ---> 'an..70'
- * 3224 Location Name * Format:'an..70' ---> 'an..256'
- * 3225 Location Identifier * Format:'an..25' ---> 'an..35'
- * 3251 Postal Identification Code * Format:'an..9' ---> 'an..17'
- * 3412 Contact Name * Format:'an..35' ---> 'an..256'
- * 6060 Quantity * Format:'n..15' ---> 'an..35'
- * 6411 Measurement unit code * Format:'an..3' ---> 'an..8'
- * 7008 Item Description * Format:'an..35' ---> 'an..256'

Issue EDDJ05 of 1 June 2005:

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

12 May 2004 : EDIFIX 5.0 Technical Upgrade

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

21 May 2003: EDIFIX 4.2 Technical upgrade; review and correction of examples

Issue EDDJ04 of 13 November 2002 is based on UN/EDIFACT D97.A / Code List D01.A

- Addition of the following code value:
 - SG7, LIN segment, CO C212, DE 7143 codes 'SRV' EAN.UCC Global Trade Item Number
 - SG7, PIA segment, CO C212, DE 7143 codes 'SRV' EAN.UCC Global Trade Item Number

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

Issue EDDJ03 includes the changes that have been made to the issue 2 of the Delivery Just In Time document endorsed by the EDIFICE Plenary on 6 September 1993. The changes are as follows:

- Recast from the 92.1 version of the UN/EDIFACT directory to the D.97A version,
- Addition of the following code values:

all DTM segments, CO C507, DE 2379, codes '201' YYMMDDHHMM
'203' CCYYMMDDHHMM
'301' YYMMDDHHMMZZZ
'303' CCYYMMDDHHMMZZZ

BGM segment, CO C106, DE 1225, code '9' Original
SG1, RFF segment, DE 1153, codes 'GC' Government contract number
'AAD' Contract addendum number
SG2, NAD segments, DE 3055, code '16' DUNS (Dun & Bradstreet)
SG3, COM segment, DE 3155, code 'EM' Electronic mail
SG7, LIN segment, DE 7143, codes 'DI' Distributor's part number
'MF' Manufacturer's (producer's) article number and
'UP' UPC (Universal product code)
SG7, LIN segment, DE 3055, codes '89' Assigned by distributor
'90' Assigned by manufacturer and
'113' US, UCC (Uniform Code Council)
SG7, PIA segment, DE 7143, codes 'AA' Product version number
'CL' Color number
'DI' Distributor's part number
'MF' Manufacturer's (producer's) article number
'MN' Model number
'SN' Serial number and
'UP' UPC (Universal product code)
SG7, PIA segment, DE 3055, codes '89' Assigned by distributor
'90' Assigned by manufacturer and
'113' US, UCC (Uniform Code Council)
SG8, RFF segment, CO C506, DE 1153, code 'AAD' Contract addendum number
SG11, DTM segment, CO C507, DE 2005, code '10' Shipment date/time, requested,

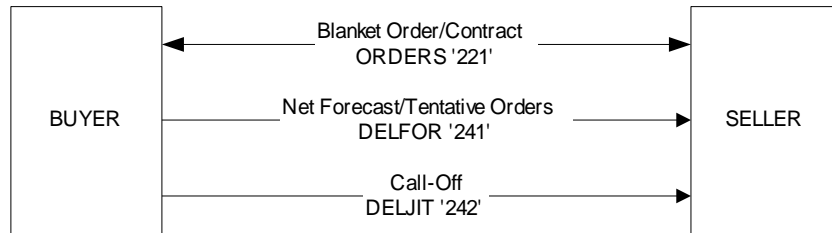
- Addition of the following segment groups/segment:
 - SG1, DTM segment
 - SG7, IMD segment
 - SG7, PAC segment,
- Deletion of the following segment:
 - SG7, QTY segment (inserted by EDIFICE),
- Replacement of the following segment
 - SG9, LOC segment by SG4, LOC segment,
- Replacement of the following codes:
 - BGM segment, CO C002, DE 1001, code '245' to '242' Delivery just-in-time
 - SG4, LOC segment, DE 3227, code '7' to '88' Place of receipt,
- Deletion of the following code values:
 - SG1, RFF segment, DE 1153, code 'ON' Order number (purchase)
 - SG2, NAD segment, DE 3035, codes 'FW' Freight forwarder
'IV' Invoicee
 - SG5, COM segment, DE 3155, code 'TL' Telex
 - SG8, RFF segment, DE 1153, code 'ON' Order number (purchase)
 - SG11, QTY segment, DE 6063, code '1' discrete quantity,
- Usage changed for the following segment groups/segments/data elements:
 - BGM segment, DE 1225, X to A
 - SG1, D..3 to A..5
 - SG2, R..5 to R3
 - SG3, COM segment, R..3 to O..3
 - SG3, CTA segment, CO C056, DE 3412, A to D
 - SG4, LOC segment, CO C517, DE 3225, R to A
 - SG4, LOC segment, CO C517, DE 3055, R to D
 - SG4, LOC segment, CO C517, DE 3224, X to D
 - SG4, PIA segment, R..10 to D..10
 - SG8, A..5 to D..5
 - SG8, RFF segment, CO C506, DE 1154, D to R
 - SG8, RFF segment, CO C506, DE 1156, D to O
 - SG11, QTY segment, CO C186, DE 6411, O to R
 - SG12, A1 to A..4,
- Where UN/ECE Recommendations are referenced the most commonly used codes have been identified,
- Alignment of segments and composite data elements to ensure conformance (data harmonization) across all EDIFICE Implementation Guidelines,

- Update of the EDIFICE FUNCTIONAL DEFINITION to bring into line with the DELFOR guideline,
- Update of the REFERENCES and EXPLANATORY NOTES section to comply with the EDIFICE Standards for Documentation of Message Implementation Guidelines issue 3,
- Update of examples,
- Documentation adjustments resulting from the use of GEFEG's EdiFix Message Implementation Guidelines documentation tool,
- Correction of typographical errors.

EDIFICE FUNCTIONAL DEFINITION

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

Forecast and separate call-off



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

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

REFERENCES

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

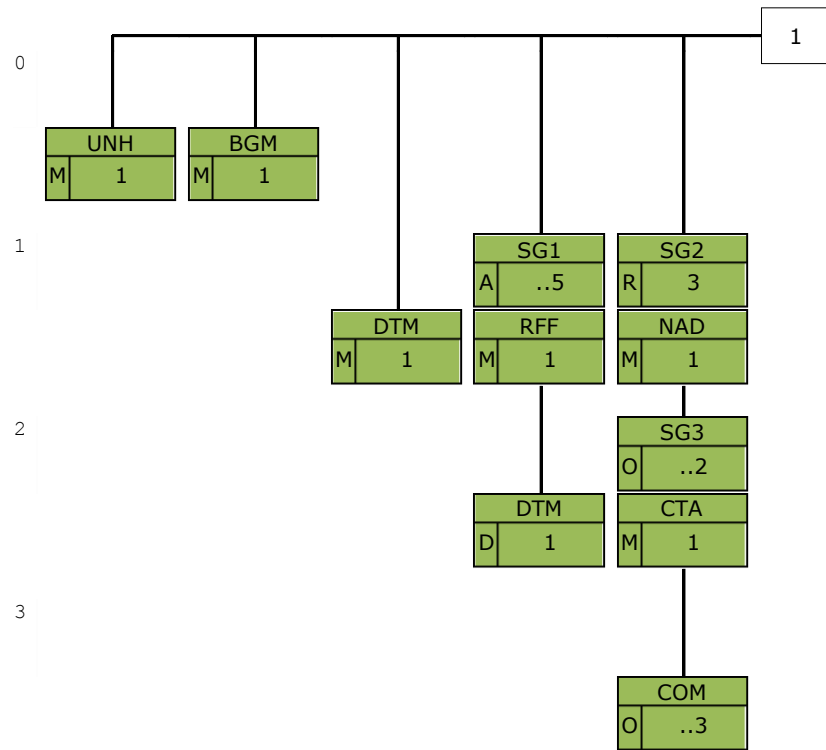
EXPLANATORY NOTES

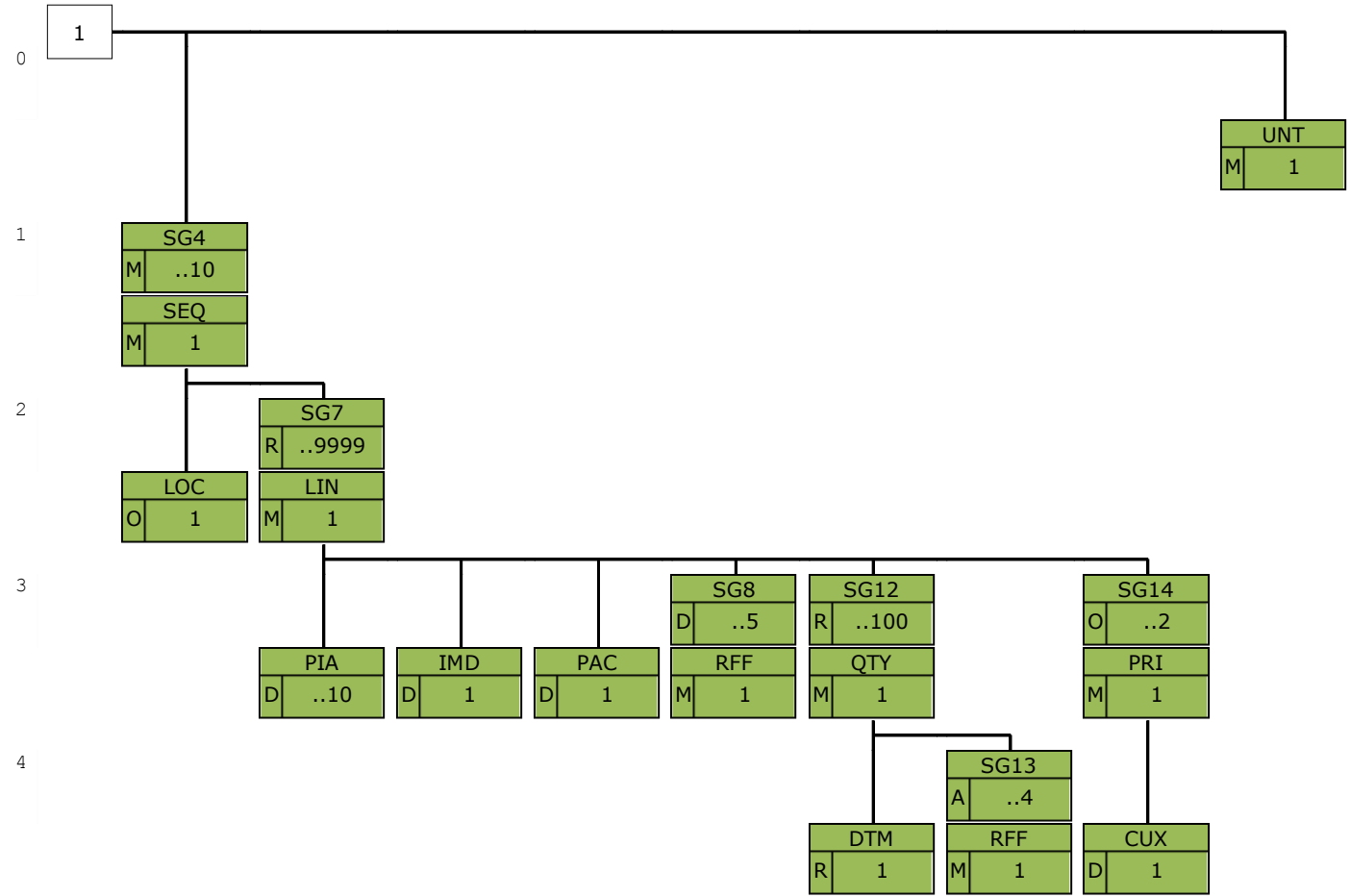
Refer to the document : Explanatory notes for the EDIFICE message guidelines – Issue 1

MESSAGE STRUCTURE CHART

	UNH	Message header	M 1
	BGM	Beginning of message	M 1
	DTM	Date/time/period	M 1
┌	SG1		A ..5
├	RFF	Reference	M 1
└	DTM	Date/time/period	D 1
┌	SG2		R 3
├	NAD	Name and address	M 1
├	SG3		O ..2
├	CTA	Contact information	M 1
└	COM	Communication contact	O ..3
┌	SG4		M ..10
├	SEQ	Sequence details	M 1
├	LOC	Place/location identification	O 1
├	SG7		R ..9999
├	LIN	Line item	M 1
├	PIA	Additional product id	D ..10
├	IMD	Item description	D 1
├	PAC	Package	D 1
├	SG8		D ..5
├	RFF	Reference	M 1
├	SG12		R ..100
├	QTY	Quantity	M 1
├	DTM	Date/time/period	R 1
├	SG13		A ..4
├	RFF	Reference	M 1
├	SG14		O ..2
├	PRI	Price details	M 1
├	CUX	Currencies	D 1
└	UNT	Message trailer	M 1

BRANCHING DIAGRAM





SEGMENT DESCRIPTION

UNH Message header

Function: A service segment heading, and uniquely identifying the message.
Usage: M 1

BGM Beginning of message

Function: A segment uniquely identifying the message by means of its coded name, number and function.
Usage: M 1

DTM Date/time/period

Function: A segment specifying the date/time of creatin of the message.
Usage: M 1

SG1 RFF-DTM

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

RFF Reference

Function: A segment specifying a document reference number.
Usage: M 1

DTM Date/time/period

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

SG2 NAD-SG3

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

NAD Name and address

Function: A segment identifying the function and coded identification, name and address of a party involved.
Usage: M 1

SG3 CTA-COM

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

CTA Contact information

Function: A segment identifying a person or department, and their function.
Usage: M 1

COM Communication contact

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

SG4 SEQ-LOC-SG7

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

SEQ Sequence details

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

LOC Place/location identification

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

SG7 LIN-PIA-IMD-PAC-SG8-SG12-SG14

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

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: D..10

IMD Item description

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

PAC Package

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

SG8 RFF

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

RFF Reference

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

SG12 QTY-DTM-SG13

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

QTY Quantity

Function: A segment specifying the delivery quantity for the line item.
Usage: M 1

DTM Date/time/period

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

SG13 RFF

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

RFF Reference

Function: A segment specifying a document reference number.
Usage: M 1

SG14 PRI-CUX

Function: A group of segments to identify the unit price and the related date for the line item.
Usage: O ..2
Notes:

PRI Price details

Function: A segment specifying the line item price and the qualifying information.
Usage: M 1

CUX Currencies

Function: A segment specifying the currency for all prices and/or amounts.
Usage: D 1

UNT Message trailer

Function: A service segment ending, and providing information for checking the completeness of a message.
Usage: M 1

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 DELJIT = Delivery just in time message D = Draft version/UN/EDIFACT Directory 10A = Release 2010 - A UN = UN/CEFACT EDDJ10 = Delivery just in time message Issue EDDJ10
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	C	
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	242 = Delivery just-in-time
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	Delivery just-in-time 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 creatin of the message.

Usage : M1

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	137 = Document issue date time <i>Date when the document is created</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 = CCYMMDD 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>

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	AAD = Contract document addendum identifier AAN = Delivery schedule number BO = Blanket order number CT = Contract number GC = Government contract number
1153	an..3	M Reference code qualifier	M	
1154	an..70	C Reference identifier	R	
1156	an..6	C Document line identifier	N	
1056	an..9	C Version identifier	N	
1060	an..6	C Revision identifier	N	

SG1 RFF-DTM**DTM Date/time/period**

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

Usage : D1

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 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>

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 FUNCTION CODE QUALIFIER	M	BY = Buyer DP = Delivery party SE = Seller
C082		C PARTY IDENTIFICATION DETAILS	A	
3039	an..35	M Party identifier	M	
1131	an..17	C Code list identification code	N	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
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	
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	N	
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

SG3 CTA-COM

CTA Contact information

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

Usage : M1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
3139	an..3	C CONTACT FUNCTION CODE	R	PD = Purchasing contact SC = Schedule contact If a code is available use DE 3413, otherwise use DE 3412.
C056		C CONTACT DETAILS	R	
3413	an..17	C Contact identifier	D	
3412	an..256	C Contact name	D	

SG3 CTA-COM**COM Communication contact**

Function: A segment identifying a communications type and number.

Usage : O..3

Notes :

Ref.	Rep.	Name		EDIFICE Utilisation
C076		M COMMUNICATION CONTACT	M	
3148	an..512	M Communication address identifier	M	
3155	an..3	M Communication means type code	M	EM = Electronic mail FX = Telefax TE = Telephone

SG4 SEQ-LOC-SG7

SEQ Sequence details

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

Ref.	Rep.	Name	EDIFICE Utilisation	
1229	an..3	C ACTION CODE	R	39 = New
C286		C SEQUENCE INFORMATION	N	
1050	an..10	M Sequence position identifier	N	
1159	an..3	C Sequence identifier source code	N	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	

SG4 SEQ-LOC-SG7

LOC Place/location identification

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

Usage : 01

Notes : This segment is to be used to specify the exact location within the factory/plant where the goods are to be delivered. This segment is not used where the delivery address information given in the NAD segment provides sufficient identification.

Ref.	Rep.	Name	EDIFICE Utilisation	
3227	an..3	M LOCATION FUNCTION CODE QUALIFIER	M	88 = Place of receipt
C517		C LOCATION IDENTIFICATION	R	It is advised that DE 3225 be used together with DE 3055 rather than DE 3224.
3225	an..35	C Location identifier	A	
1131	an..17	C Code list identification code	N	92 = Assigned by buyer or buyer's agent
3055	an..3	C Code list responsible agency code	D	
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	

SG7 LIN-PIA-IMD-PAC-SG8-SG12-SG14

LIN Line item

Function: A segment identifying a line item by its item number, and agreed to be the primary reference number between the buyer and seller.

The segment also carries a sequence number assigned to the line item within the message.

Usage : M1

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

Ref.	Rep.	Name		EDIFICE Utilisation
1082	an..6	C LINE ITEM 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. Primary reference BP = Buyer's part number EN = International Article Numbering Association (EAN) MF = Manufacturer's (producer's) article number SRV = EAN.UCC Global Trade Item Number SSS = Distributor's article identifier <i>Replaces EDIFACT code DI=Distributor's part number</i> UP = UPC (Universal product code) VP = Vendor's (seller's) part number 9 = GS1 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 = GS1 US
1229	an..3	C ACTION CODE	N	
C212		C ITEM NUMBER IDENTIFICATION	A	
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	
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	

SG7 LIN-PIA-IMD-PAC-SG8-SG12-SG14**PIA Additional product id**

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

Usage : D..10

Notes : The 5 internal repetitions of CO C212 may be used, but EDIFICE recommends to only use the first occurrence.

Ref.	Rep.	Name		EDIFICE Utilisation
4347	an..3	M PRODUCT IDENTIFIER CODE QUALIFIER	M	1 = Additional identification
C212		M ITEM NUMBER IDENTIFICATION	M	
7140	an..35	C Item identifier	R	
7143	an..3	C Item type identification code	R	AA = Product version number <i>Release number of a product</i>
				BP = Buyer's part number
				CL = Colour number
				CV = Customs article number
				DR = Drawing revision number
				DW = Drawing
				EC = Engineering change level
				EN = International Article Numbering Association (EAN)
				GS = General specification number
				MF = Manufacturer's (producer's) article number
				MN = Model number
				SG = Standard group of products (mixed assortment)
				SN = Serial number
				SRV = EAN.UCC Global Trade Item Number
				SSS = Distributor's article identifier <i>Replaces EDIFACT code DI=Distributor's part number</i>
				UP = UPC (Universal product code)
				VP = Vendor's (seller's) part number
				VX = Vendor specification number
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	R	9 = GS1
				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 = GS1 US
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	
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	

SG7 LIN-PIA-IMD-PAC-SG8-SG12-SG14
IMD Item description

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

Usage : D 1

Notes :

Ref.	Rep.	Name		EDIFICE Utilisation
7077	an..3	C DESCRIPTION FORMAT CODE	D	C = Code (from industry code list) F = Free-form
C272		C ITEM CHARACTERISTIC	N	
7081	an..3	C Item characteristic code	O	3 = Ship to stock 26 = Ship to line
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
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 code	A	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
7008	an..256	C Item description	D	
7008	an..256	C Item description	O	
3453	an..3	C Language name code	N	
7383	an..3	C SURFACE OR LAYER CODE	N	

SG7 LIN-PIA-IMD-PAC-SG8-SG12-SG14

PAC Package

Function: A segment specifying the product package type.

Usage : D 1

Notes :

Ref.	Rep.	Name		EDIFICE Utilisation
7224	n..8	C PACKAGE QUANTITY	N	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 pack <i>Replaces formerly defined Code TRY90</i> PX = Pallet RL = Reel <i>Replaces formerly defined Code REL90</i> RO = Roll SW = Shrinkwrapped TN = Tin TU = Tube Other codes should be previously agreed between trading partners
C531		C PACKAGING DETAILS	N	
7075	an..3	C Packaging level code	N	
7233	an..3	C Packaging related description code	N	
7073	an..3	C Packaging terms and conditions code	N	
C202		C PACKAGE TYPE	R	
7065	an..17	C Package type description code	R	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	D	
7064	an..35	C Type of packages	N	
C402		C PACKAGE TYPE IDENTIFICATION	N	
7077	an..3	M Description format code	N	
7064	an..35	M Type of packages	N	
7143	an..3	C Item type identification code	N	
7064	an..35	C Type of packages	N	
7143	an..3	C Item type identification code	N	
C532		C RETURNABLE PACKAGE DETAILS	N	
8395	an..3	C Returnable package freight payment responsibility code	N	
8393	an..3	C Returnable package load contents code	N	

SG8 RFF

RFF Reference

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

Usage : M1

Notes :

Ref.	Rep.	Name		EDIFICE Utilisation
C506		M REFERENCE	M	AAD = Contract document addendum identifier AAJ = Delivery order number AAN = Delivery schedule number AAQ = Transport equipment identifier BO = Blanket order number CT = Contract number LS = Bar coded label serial number MH = Manufacturing order 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	

SG12 QTY-DTM-SG13

QTY Quantity

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

Ref.	Rep.	Name		EDIFICE Utilisation
C186		M QUANTITY DETAILS	M	
6063	an..3	M Quantity type code qualifier	M	131 = Delivery quantity
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.

SG12 QTY-DTM-SG13**DTM Date/time/period**

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

Usage : R 1

Notes :

Ref.	Rep.	Name		EDIFICE Utilisation
C507		M DATE/TIME/PERIOD	M	
2005	an..3	M Date or time or period function code qualifier	M	<p>2 = Delivery date/time, requested Date on which buyer requests goods to be delivered.</p> <p>10 = Shipment date/time, requested Date on which goods should be shipped or despatched by the supplier.</p>
2380	an..35	C Date or time or period text	R	
2379	an..3	C Date or time or period format code	R	<p>102 = CCYMMDD 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></p>

SG13 RFF

RFF Reference

Function: A segment specifying a document reference number.

Usage : M1

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

Ref.	Rep.	Name		EDIFICE Utilisation
C506		M REFERENCE	M	AAJ = Delivery order number AAQ = Transport equipment identifier LS = Bar coded label serial number JB = Job number
1153	an..3	M Reference code qualifier	M	
1154	an..70	C Reference identifier	R	
1156	an..6	C Document line identifier	N	
1056	an..9	C Version identifier	N	
1060	an..6	C Revision identifier	N	

SG14 PRI-CUX

PRI Price details

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

Usage : M1

Notes :

Ref.	Rep.	Name		EDIFICE Utilisation
C509		C PRICE INFORMATION	C	AAA = Calculation net AAB = Calculation gross CA = Catalogue CT = Contract DI = Distributor NC = No charge (*) The price will be zero QT = Quoted (*) EDIFICE code 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	C	
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	

SG14 PRI-CUX

CUX Currencies

Function: A segment specifying the currency for all prices and/or amounts.

Usage : D1

Notes : If PRI is used then CUX must be used

Ref.	Rep.	Name	EDIFICE Utilisation
C504		C CURRENCY DETAILS	R
6347	an..3	M Currency usage code qualifier	M
6345	an..3	C Currency identification code	R
6343	an..3	C Currency type code qualifier	R
			2 = Reference currency Use ISO 4217, 3 alpha code 1 = Customs valuation currency 3 = Home currency 4 = Invoicing currency 9 = Order currency 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

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+123456789:1:X+987654321:1:X+021209:1909+88+X:AA+DELJIT++1+X+1'

UNH+1+DELJIT:D:10A:UN:EDDJ10'

BGM+242+4321+9'
DTM+137:20101021:102'
RFF+BO:5678'
NAD+BY+MAGIMAX LTD::92'
CTA+PD+:PETER SMITH'
COM+0756-551234:TE'
NAD+SE+PISCES SEMICONDUCTORS::92'
NAD+DP+DELIVERY PARTY 1::92'
SEQ+3'

LOC+88+DELIVERY LOCATION A::92'
LIN+1++ABC0071:BP::92'
PIA+1+ACT2A:EC::92'
QTY+131:200:PCE'
DTM+2:20101028:102'
RFF+AAJ:666601'
RFF+AAQ:777701'
QTY+131:500:PCE'
DTM+2:20081104:102'
RFF+AAJ:666601'
RFF+AAQ:777702'
SEQ+3'

LOC+88+DELIVERY LOCATION B::92'
LIN+2++ABC0072:BP::92'
PIA+1+ACT2B:EC::92'
QTY+131:400:PCE'
DTM+2:20101028:102'
RFF+AAJ:888801'
RFF+AAQ:999901'
QTY+131:600:PCE'
DTM+2:20101111:102'
RFF+AAJ:888801'
RFF+AAQ:999901'

UNT+34+1'

UNZ+1+88'