

#### The European B2B Forum for the Electronics Industry

# **EDIFICE Message Implementation Guideline Quotation**

# **QUOTES Issue EDQT04**

**Endorsed 27 November 2002** 

Based on UN/EDIFACT D.97A QUOTES Message

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#### **COMPARISON TO PREVIOUS ISSUE**

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'.

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

Issue EDQT04 of 13 November 2002 is based on UN/EDIFACT D97.A / Code List D01.A

- Addition of the following code value:

SG27, LIN segment, CO C212, DE 7143 code 'SRV' EAN.UCC Global Trade Item Number SG27, PIA segment, CO C212, DE 7143 code 'SRV' EAN.UCC Global Trade Item Number

Issue EDQT03 of 29 May 2002 - addition of recommended set of DTM qualifiers

Issue EDQT03 includes the following changes compared to issue EDQT02 of 24 September 1997:

- Replacement of the following code:
  - UNH, DE 0057 Association assigned code EDQT03
- Addition of the following segments:
  - SG31, RNG
  - SG31, DTM

Issue EDQT02 includes the changes that have been made to the issue 1 of the Quotation document endorsed by the EDIFICE Plenary on 22 June 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:

SG11, NAD segment, DE 3055, code '16' DUNS (Dun & Bradstreet)

SG27, LIN segment, DE 7143, codes 'DI' Distributor's part number

'MF' Manufacturer's (producer's) article number and

'UP' UPC (Universal product code)

SG27, LIN segment, DE 3055, codes '89' Assigned by distributor

'90' Assigned by manufacturer and

'113' US, UCC (Uniform Code Council) SG27, PIA segment, DE 7143, codes 'CL' Color number

'DI' Distributor's part number

'DW' Drawing

'MF' Manufacturer's (producer's) article number and

'UP' UPC (Universal product code)

SG27, PIA segment, DE 3055, codes '89' Assigned by distributor

'90' Assigned by manufacturer and '113' US, UCC (Uniform Code Council)

SG27, IMD segment, DE 7077, code 'C' Code (from industry code list)

SG27, IMD segment, DE 7081, code '26' Ship to line

SG39, PAC segment, DE 7065, codes 'BLK90' Standard Bulk

'RAL90' Standard Rail (semiconductor)

'REL90' Standard Reel

'TRY90' Standard Tray

SG39, PAC segment, CO C202, DE 3055, code '116' US, ANSI ASC X12,

- Addition of the following segments:

SG1, DTM

SG6, LOC

SG39, QTY,

- Replacement of the following codes:

header DTM segment, CO C507, DE 2005, codes '341' to '194' Start date/time

'342' to '206' End date/time

SG1, RFF segment, CO C506, DE 1153, code 'BQ' to 'AHU' Request for quote number SG4, CUX segment, CO C504, DE 6347, codes '6' to '16' (same value)

'7' to '17' (same value)

SG4, CUX segment, CO C504, DE 6343, codes '18' to '3' Home currency '20' to '14' Supplier currency

SG27, PIA segment, DE 4347, code '5' to '1' Additional identification

SG27, PIA segment, CO C212, DE 7143, codes 'RN' to 'AA' Product version number number

'SA' to 'VP' Vendor's (seller's) part

SG27, QTY segment, CO C186, DE 6063, codes '147' to '447' (same value)

'148' to '448' (same value)

'149' to '449' (same value)

Usage changed for the following segment groups/segments/data elements:
 all FTX segments, CO C107, X to A

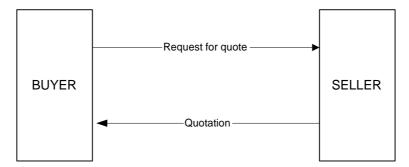
CO C108, R to D
CO C108, 2<sup>nd</sup> to 5<sup>th</sup> DE 4440, D to O
SG4, D..2 to D..4
SG4, CUX segment, 2<sup>nd</sup> CO C504, O to N
SG6, TOD segment, CO C100, DE 1131, X to D
SG6, TOD segment, CO C100, DE 3055, X to D
SG27, IMD segment, DE 7081, A to O
SG27, IMD segment, CO C273, DE 7009, X to A
SG27, IMD segment, CO C273, 1<sup>st</sup> DE 7008, R to D
SG27, IMD segment, CO C273, 2<sup>nd</sup> DE 7008, D to O
SG39, O1 to D1
SG39, PAC segment, CO C202, DE 3055, X to D,

- Where UN/ECE Recommendations are referenced the most commonly used codes have been identified,
- Alignment of segments and composite data elements to ensure conformance (data harmonization) across all EDIFICE Implementation Guidelines,
- Update of the REFERENCES and EXPLANATORY NOTES sections to comply with the EDIFICE Standards for Documentation of Message Implementation Guidelines issue 3,
- Update of examples,
- Documentation adjustments resulting from the use of GEFEG's EdiFix Message Implementation Guidelines documentation tool,
- Correction of typographical errors.

#### **EDIFICE FUNCTIONAL DEFINITION**

EDIFICE provides two messages for the quotation process; the Request for Quote (REQOTE) and the Quotation (QUOTES). Together they are used to satisfy the business needs of the quotation function.

The information flow is shown in the diagram below:



This EDIFICE guideline for the utilisation of the UN/EDIFACT QUOTES message caters for the issuing of a quotation of price and/or delivery for goods and/or services in response to a buyer's request for quote under a business or commercial agreement. It is assumed that this agreement defines all standard, basic trading terms and conditions as agreed between the two parties. As such, a Quotation constitutes a business function under this agreement, to which it will refer for basic terms and conditions.

The following principles apply:

- There is a one to one relationship between REQOTE and QUOTES.
- A QUOTES must apply to only one REQOTE.
- Once sent, a QUOTES may not be amended.
- Every Quotation message should have a unique document number assigned by the supplier and this must be sent in the BGM segment of the Quotation message.
- The buyer's Request for Quote number must be returned by the Seller in a Reference segment (RFF) at header level in the QUOTES message.
- Item Numbers are used to identify the product or service for which a quotation is being provided. Where this is not sufficient, the item must be identified by providing a clear description.
- The individual item lines for which a quotation was requested (REQOTE) should be identified unambiguously in the QUOTES message by returning the Buyers Request for Quote line number in a Reference segment (RFF) associated with each item line. Any other means of identification, or a decision that such identification is not required, must be agreed by both trading partners concerned and documented in the Trading Partner Agreement.
- Those Segment Groups, Segments and Data Elements which are labelled with 'O' (Optional) should be used only if the information they contain cannot be incorporated in the business or commercial agreement. The use of 'O' (Optional) must be agreed between trading partners.

- Nine variations of the Quotation message have been identified. The QUOTES message will be used to satisfy all nine variations. These variations are:
  - 1. Quotation of Price only (no delivery)
  - 2. Quotation of Delivery only (no price)
  - 3. Quotation of Price and Delivery.
  - 4. Contract Quotation (price and delivery)

This message is designed to facilitate the exchange of item, quantity, delivery and pricing information (at a minimum) between a supplier and a buyer. The contract quotation will be provided to the buyer by the supplier as part of a periodic contract negotiation and will include item pricing together with delivery schedules. This data is sent in response to a request for contract quotation.

The scope is that within an agreed timeframe, the buyer will purchase stated quantities in order to retain the quoted price and can be applied between:

- a manufacturer and an OEM customer,
- a manufacturer and a distributor,
- a manufacturer, distributor and end customer,
- a distributor and an end customer.
- 5. Contract Quotation (price only) [refer to contract quotation (price and delivery) and omit all reference to delivery].
- 6. Ship & Debit Quotation (price and delivery)

This message is designed to facilitate the exchange of item, quantity, pricing and delivery information (at a minimum), between a Manufacturer and a Manufacturer's Agent (commonly referred to as a Distributor or Stockist) to authorise a price and delivery quotation request previously issued by the Agent.

The Agent will frequently hold stock, purchased from the Manufacture at a fixed price with assumptions regarding expected margins (profit on the resale). In given circumstances/criteria the fixed Price Catalogue "Distributor Cost" (issued by the Manufacturer) does not return expected margins when the Agent resells the item to the third party customer.

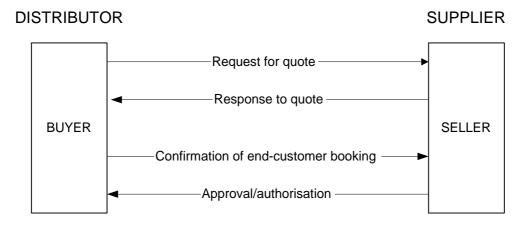
In these situations the Agent will apply to the Manufacturer for a special buy price and specific deliver schedules and request a quoted price/delivery. This is followed by the Manufacturer authorising the quoted price/delivery, with or without changes.

This business practise (Ship & Debit) is common in the Electronics Industry with the Quote process an essential and critical part of the Ship & Debit cycle.

7. Ship & Debit Quotation (price only)

[refer to ship & debit quotation (price and delivery) and omit all reference to delivery].

There will be business situations within the Ship & Debit environment when the Distributor is unable to inform the Manufacturer (at time of the Request for Quotation) whether he has "won" the business. Where this happens four distinct processes (versus the standard two) will be undertaken using the REQOTE and QUOTES messages. The following demonstrates the data flow:



# **REFERENCES**

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

### **EXPLANATORY NOTES**

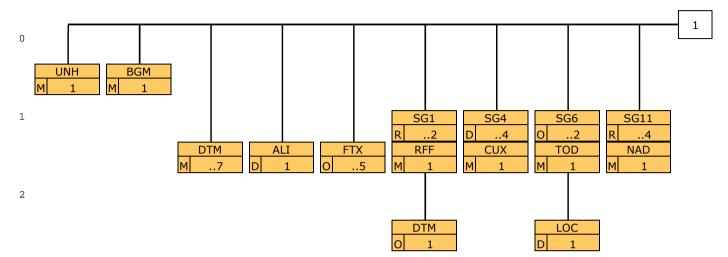
Refer to the document : Explanatory notes for the EDIFICE message guidelines – Issue 1  $\,$ 

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# **MESSAGE STRUCTURE CHART**

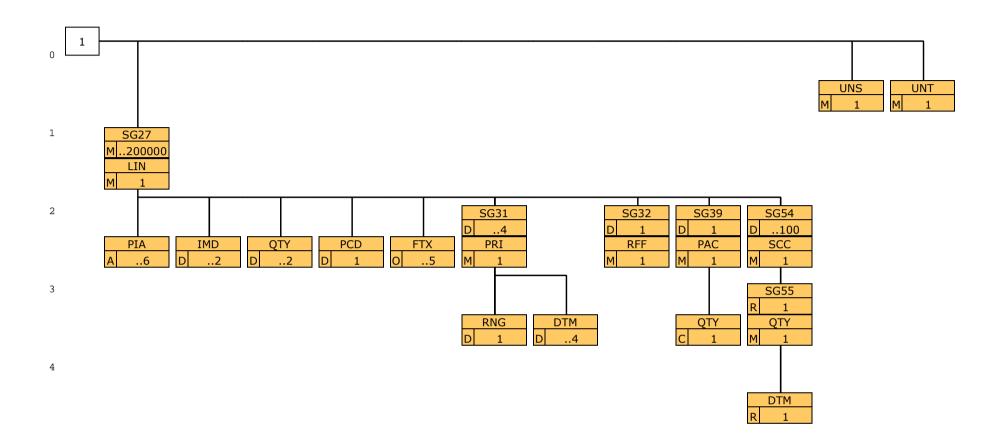
- 11	NH	MESSAGE HEADER	M 1
		BEGINNING OF MESSAGE	M 1
_		DATE/TIME/PERIOD	M7
_		ADDITIONAL INFORMATION	D1
		FREE TEXT	05
	G1		R2
_	FF	REFERENCE	M 1
L	TM	DATE/TIME/PERIOD	01
S	G4		D4
c	UX	CURRENCIES	M 1
S	G6		02
T	OD	TERMS OF DELIVERY OR TRANSPORT	M 1
L	OC	PLACE/LOCATION IDENTIFICATION	D1
S	G11		R4
N	AD	NAME AND ADDRESS	M 1
S	G27		M200000
LI	IN	LINE ITEM	M 1
P:	IA	ADDITIONAL PRODUCT ID	A6
II	MD	ITEM DESCRIPTION	D2
_		OUANTITY	D2
P		PERCENTAGE DETAILS	D1
F	TX	FREE TEXT	O5
S	G31		D4
		PRICE DETAILS	M 1
		RANGE DETAILS	D1
_		DATE/TIME/PERIOD	D4
	G32		D1
		REFERENCE	M 1
	G39		D1
		PACKAGE	M 1
_		OUANTITY	C1
	G54		D100
		SCHEDULING CONDITIONS	M 1
	G55	CHANTITY	R1
		OUANTITY  DATE (TIME (DEDICE)	M 1
		DATE/TIME/PERIOD	R1
		SECTION CONTROL	M 1
U	NT	MESSAGE TRAILER	M 1

# **BRANCHING DIAGRAM**



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#### **SEGMENT GROUPS/SEGMENTS DESCRIPTION**

UNH MESSAGE HEADER

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

Usage: M1

**BGM BEGINNING OF MESSAGE** 

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

Usage: M1

DTM DATE/TIME/PERIOD

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

Usage: M..7

ALI ADDITIONAL INFORMATION

Function: A segment indicating that special conditions due to the origin, fiscal or commercial factors are applicable.

Usage: D1

FTX FREE TEXT

Function: A segment providing free form or coded text information, applicable to the whole message.

Usage: 0..5

SG1 RFF-DTM

Function: A group of segments referencing documents and their dates, relating to the whole message.

Usage: R..2

Notes: This segment group is to be used to specify the buyer's request for quote number and any relevant

contract number.

RFF REFERENCE

Function: A segment specifying a document reference number.

Usage: M1

DTM DATE/TIME/PERIOD

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

Usage: O1

SG4 CUX

Function: A group of segments specifying the currencies for all prices, valid for the whole message.

Usage: D..4

Notes: This segment group is to be used to specify the currencies in which prices are stated. There must be one

occurrence of the segment group for each price type stated.

**CUX CURRENCIES** 

Function: A segment specifying a buyer's or seller's currency.

Usage: M1

SG6 TOD-LOC

Function: A group of segments indicating the terms of delivery for the whole message.

Usage: 0..2

Notes: To be used only if it is necessary to be specific about terms of delivery and the relevant location points.

The LOC segment is only used if the terms of delivery ('F' & 'C') require a named location/place.

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TOD TERMS OF DELIVERY OR TRANSPORT

Function: A segment specifying the terms of delivery to be used.

Usage: M1

#### LOC PLACE/LOCATION IDENTIFICATION

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

Usage: D1

#### SG11 NAD

Function: A group of segments identifying the parties involved and their associated information, relevant to the

whole

message.

Usage: R..4

Notes: EDIFICE requires that this segment group be used at least once to identify the sender of the document.

#### NAD NAME AND ADDRESS

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

Usage: M1

#### SG27 LIN-PIA-IMD-QTY-PCD-FTX-SG31-SG32-SG39-SG54

Function: A group of segments providing details of the individual line items i.e. products for which a quotation is

being provided.

Usage: M..200000

Notes: If DE 1229 in the LIN segment = '5' (Accepted without amendment) or '7' (Not accepted), then only one

'dummy' LIN segment need be sent.

The IMD segment is used to provide an additional description of the primary reference. It may also be used

for items that can not be identified by a code or article number. There will be instances within a price and delivery quotation where the quantity associated with the price will be different to the quantity associated with the delivery and vice versa; this information needs to be

specified in the QTY segment. The PCD segment may be used to provide the agreed profit percentage and is only expected to be relevant in a supplier/distributor relationship.

SG31 is only required when a price or price and delivery quotation is being provided. The segment group should be repeated for each price type which pertains to the quotation.

Up to four occurrences are envisaged:

- buyer's requested buy price
- buyer's target resale price
- supplier's quoted buy price
- supplier's agreed resale price

If DE 1225 in the BGM segment = '27' (Not accepted), '29' (Accepted without amendment) or '32' (Approval), and the sender wishes to send one 'dummy' LIN segment, then there is no requirement to send the associated RFF segment (SG32).

SG39 may be used where alternative packaging methods are agreed between trading partners.

SG54 is not expected to be used when replying to a request for quotation of price only.

#### LIN LINE ITEM

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

between the buyer and seller.

The segment also carries a sequence number assigned to the line item within the message, and the action

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taken.

Usage: M1

#### PIA ADDITIONAL PRODUCT ID

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

Usage: A ..6

#### 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..2

### QTY QUANTITY

Function: A segment specifying the total quantity for the line item for which a quotation is being provided.

Usage: D..2

PCD PERCENTAGE DETAILS

Function: A segment specifying the agreed profit percentage for the line item.

Usage: D1

FTX FREE TEXT

Function: A segment providing free form or coded text information for the line item.

Usage: 0..5

SG31 PRI-RNG-DTM

Function: A group of segments specifying pricing and range information for the line item.

Usage: D..4

Notes:

PRI PRICE DETAILS

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

Usage: M1

RNG RANGE DETAILS

Function: A segment specifying the line item range

Usage: D1

DTM DATE/TIME/PERIOD

Function: A segment specifying the date applying to the range.

Usage: D..4

SG32 RFF

Function: A group of segments specifying references for the line item.

Usage: D1

Notes: This segment group should be used to return the buyer's request for quote item line number as transmitted

by the buyer (in the detail RFF segment in the Request for Quotation message).

RFF REFERENCE

Function: A segment specifying a line item reference number.

Usage: M1

SG39 PAC-QTY

Function: A group of segments specifying product packaging information for the line item.

Usage: D

Notes:

PAC PACKAGE

Function: A segment specifying the product package type.

Usage: M1

QTY QUANTITY

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

Usage: C1

SG54 SCC-SG55

Function: A group of segments specifying firm delivery dates and the quantities scheduled for the line item,

associated with a delivery quotation or a price and delivery quotation.

Usage: D..100

Notes:

SCC SCHEDULING CONDITIONS

Function: A segment specifying a firm delivery.

Usage: M1

SG55 QTY-DTM

Function: A group of segments specifying the delivery dates and the quantities scheduled.

Usage: R i

Notes:

QTY QUANTITY

Function: A segment specifying a quantity.

Usage: M1

DTM DATE/TIME/PERIOD

Function: A segment specifying the corresponding date of the quantity.

Usage: R1

UNS SECTION CONTROL

Function: A service segment separating the detail and summary sections.

Usage: M1

UNT MESSAGE TRAILER

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

Usage: M1



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#### UNH **MESSAGE HEADER**

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

Usage : М1

Refer to EDIFICE utilisation of the UN/EDIFACT service segments, Issue EDSS04 Notes:

Ref.	Rep.		Name		EDIFICE Utilisation
0062	an14	М	MESSAGE REFERENCE NUMBER	М	
S009		Μ	MESSAGE IDENTIFIER	М	
0065	an6	Μ	Message type identifier	М	QUOTES = Quote message
0052	an3	Μ	Message type version number	М	D = Draft version/UN/EDIFACT Directory
0054	an3	Μ	Message type release number	М	97A = Release 1997 - A
0051	an2	Μ	Controlling agency	М	UN = UN/CEFACT
0057	an6	С	Association assigned code	R	EDQT04 = Quotation Issue EDQT04
0068	an35	С	COMMON ACCESS REFERENCE	Ν	
S010		С	STATUS OF THE TRANSFER	Ν	
0070	n2	Μ	Sequence message transfer	Ν	
			number		
0073	a1	С	First/last sequence message	Ν	
			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 1001	an3	CC	DOCUMENT/MESSAGE NAME Document/message name, coded	R R	361 = Price quote (*) 362 = Delivery quote (*) 363 = Price and delivery quote (*) 364 = Contract price quote (*) 365 = Contract price and delivery quote (*) 366 = Back to back price quote (*) 367 = Back to back price and delivery quote (*) 368 = Ship & debit price quote (*) 369 = Ship & debit price and delivery quote (*) (*) EDIFICE code
3055	an3 an3	C C	Code list qualifier Code list responsible agency, coded Document/message name DOCUMENT/MESSAGE	N N N R	( ) EST TEL COUC
1004 1056 1060	an35 an9 an6 an3	C C C	IDENTIFICATION Document/message number Version Revision number MESSAGE FUNCTION, CODED	R N N R	Seller's quotation/authorisation number  27 = Not accepted 29 = Accepted without amendment 32 = Approval To approve a previous quotation number issued in a ship & debit scenario; if this code is used then DE 1004 must contain the seller's authorisation number. 34 = Accepted with amendment If DE 1225 = '27', '29' or '32' only one 'dummy' LIN segment need be sent.
4343	an3	С	RESPONSE TYPE, CODED	N	segment need be sent.



# DTM DATE/TIME/PERIOD

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

message.

Usage: M..7

Notes: At least one DTM segment must be present, specifying the document creation date.



# ALI ADDITIONAL INFORMATION

Function: A segment indicating that special conditions due to the origin, fiscal or commercial factors are applicable.

Usage: D1

Notes: EDIFICE advise that this segment be sent if the commercial reason is different to that stated in the

request for quotation.

Ref.	Rep.		Name		EDIFICE Utilisation
3239 9213		С	COUNTRY OF ORIGIN, CODED TYPE OF DUTY REGIME, CODED	N N	
9213	an3 an3		TYPE OF DUTY REGIME, CODED SPECIAL CONDITIONS, CODED	N R	100 = Costings (*) 101 = Tender (*) 102 = Mixed (*) 103 = Design win (*) 104 = Order to place (*) 105 = To be advised (*) 106 = Turns (*) 107 = Promotion (*) 108 = No design win registered (*) 109 = Backlog protection (*) 110 = Kit (*) 111 = Demonstration equipment (*) 112 = Volume (*) 113 = Estimated annual quantity (*)
4183 4183	an3 an3 an3 an3	C C	SPECIAL CONDITIONS, CODED SPECIAL CONDITIONS, CODED SPECIAL CONDITIONS, CODED SPECIAL CONDITIONS, CODED	D D D	(*) EDIFICE code As for first DE 4183



# FTX FREE TEXT

Function: A segment providing free form or coded text information, applicable to the whole message.

Usage: 0..5

Notes: EDIFICE recommends not to use FTX segments.
Where possible, use CO C107 rather than CO C108.

Ref.	Rep.		Name		EDIFICE Utilisation
4451	an3	М	TEXT SUBJECT QUALIFIER	М	GEN = Entire transaction set
4453	an3	С	TEXT FUNCTION, CODED	Α	1 = Text for subsequent use
					The occurrence of this text does not
					affect message processing.
					3 = Text for immediate use
					Text must be read before processing the
					message.
C107		C	TEXT REFERENCE	Α	
4441	an17	Μ	Free text identification	М	
	an3			N	
3055	an3	С	Code list responsible agency, coded	N	
C108		С	TEXT LITERAL	D	
4440	an70	Μ	Free text	М	
4440	an70	С	Free text	0	
4440	an70	С	Free text	0	
4440	an70	С	Free text	0	
		С	Free text	0	
3453	an3	С	LANGUAGE, CODED	Ν	



# SG1 RFF-DTM

# RFF REFERENCE

Function: A segment specifying a document reference number.

Usage : Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
C506 1153	an3	M M	REFERENCE Reference qualifier	M M	AHU = Request for quote number Buyer's request for quote number CT = Contract number
1156		C		R N N	



# SG1 RFF-DTM

# DTM DATE/TIME/PERIOD

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

Usage: 01 Notes:

Ref.	Rep.		Name		EDIFICE Utilisation
2380	an35 an3	M M C C	Date/time/period	M M R R	171 = Reference date/time  102 = CCYYMMDD 203 = CCYYMMDDHHMM 303 = CCYYMMDDHHMMZZZ  ZZZ = Time zone 304 = CCYYMMDDHHMMSSZZZ  ZZZ = Time zone X03 = CCYYMMDDHHMMZZZZZ (*)  ZZZZZ = Time zone X04 = CCYYMMDDHHMMSSZZZZ (*)  ZZZZZ = Time zone X04 = CCYYMMDDHHMMSSZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZ

#### SG4 CUX

#### CUX **CURRENCIES**

Function: A segment specifying a buyer's or seller's currency.

М1

Usage : Notes : This segment may be used to indicate the currency for each price type being sent i.e. seller's quoted buy

and/or resale prices.

Ref.	Rep.		Name		EDIFICE Utilisation
C504		С	CURRENCY DETAILS	R	
6347	an3	Μ	Currency details qualifier	М	16 = Buy price (*)
					17 = Resale price (*)
					(*) EDIFICE code
6345	an3	С	Currency, coded	R	Use ISO 4217, 3 alpha code
6343	an3	С	Currency qualifier	R	3 = Home currency
					Buyer's currency
					14 = Supplier currency
					Seller's currency
6348	n4	С	Currency rate base	Ν	
C504		С	CURRENCY DETAILS	Ν	
6347	an3	Μ	Currency details qualifier	Ν	
6345	an3	С	Currency, coded	Ν	
6343	an3	С	Currency qualifier	Ν	
6348	n4	С	Currency rate base	Ν	
5402	n12	С	RATE OF EXCHANGE	Ν	
6341	an3	С	CURRENCY MARKET EXCHANGE,	Ν	
			CODED		

М1

# TOD TERMS OF DELIVERY OR TRANSPORT

Function: A segment specifying the terms of delivery to be used.

Usage : Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
4055	an3	С	TERMS OF DELIVERY OR TRANSPORT FUNCTION, CODED	R	1 = Price condition 3 = Price and despatch condition 6 = Delivery condition
4215	an3	С	TRANSPORT CHARGES METHOD OF PAYMENT, CODED	N	0 = Delivery Condition
C100		С	TERMS OF DELIVERY OR TRANSPORT	R	
1131	an3 an3	C	Terms of delivery or transport, coded  Code list qualifier Code list responsible agency,	R	Use UN/ECE Recommendation no.5, Incoterms 1990 (see next table). Incoterms code list: Group E - Departure EXW = Ex works Group F - Main carriage unpaid FAS = Free alongside ship FCA = Free carrier FOB = Free on Board Group C - Main carriage paid CFR = Cost and freight CIF = Cost, insurance and freight CIP = Carriage and insurance paid to CPT = Carriage paid to Group D - Arrival DAF = Delivered at frontier DDP = Delivered duty paid DDU = Delivered duty unpaid DEQ = Delivered ex quay DES = Delivered ex ship If not applicable, use code from another appropriate code set in DE 4053 in combination with DE 1131/3055.
		_	coded	<b>.</b>	
	an70 an70	C C	Terms of delivery or transport Terms of delivery or transport	N N	

### SG6 TOD-LOC

D1

# LOC PLACE/LOCATION IDENTIFICATION

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

Usage : Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
3227	an3	М	PLACE/LOCATION QUALIFIER	М	1 = Place of terms of delivery
C517		С	LOCATION IDENTIFICATION	R	
3225	an25	С	Place/location identification	R	Use UN/ECE Recommendation no.16, UNLOCODE. If not applicable, use codes from another appropriate code set in combination with DE 1131/3055.
1131	an3	С	Code list qualifier	D	
3055	an3	С	Code list responsible agency, coded	D	3 = IATA (International Air Transport Association)
			coucu		91 = Assigned by seller or seller's agent 92 = Assigned by buyer or buyer's agent
3224	an70	С	Place/location	N	
C519		С	RELATED LOCATION ONE IDENTIFICATION	N	
3223	an25	С	Related place/location one identification	N	
1131	an3	С	Code list qualifier	Ν	
3055	an3	С	Code list responsible agency, coded	N	
3222	an70	С	Related place/location one	Ν	
C553		С	RELATED LOCATION TWO IDENTIFICATION	N	
3233	an25	С	Related place/location two identification	N	
1131	an3	С	Code list qualifier	Ν	
3055	an3	С	Code list responsible agency, coded	N	
3232	an70	С	Related place/location two	Ν	
5479	an3	C	RELATION, CODED	N	

### SG11 NAD

#### NAD NAME AND ADDRESS

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

Usage: M1

Notes: It is advised that the party identification CO C082 be used. When CO C082 cannot be used it is

recommended to use the structured name and address CO C080 through DE 3207 rather than the

unstructured one CO C058.

Ref. Rep.		Name		EDIFICE Utilisation
3035 an3	M	PARTY QUALIFIER	M	BY = Buyer  It is to be assumed that delivery will be made to the buyer's address, unless a delivery party is specified.  DP = Delivery party PC = Actual purchaser's customer End customer SE = Seller
C082 3039 an35 1131 an3 3055 an3	C M C C	PARTY IDENTIFICATION DETAILS Party id. identification Code list qualifier Code list responsible agency, coded	D M N R	Code identifying the party  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 3124 an35 3124 an35 3124 an35 3124 an35 3124 an35 C080 3036 an35 3036 an35 3036 an35 3036 an35 3045 an3 C059 3042 an35		NAME AND ADDRESS Name and address line PARTY NAME Country name Street and number/p.o. box Street and number/p.o. box Street and number/p.o. box Street and number/p.o. box CITY NAME COUNTRY SUB-ENTITY IDENTIFICATION	□ ▼0000 ▼0000 ▼ 0000 ▼ 000	
3251 an9 3207 an3	C C	POSTCODE IDENTIFICATION	D D	Use ISO 3166, 2 alpha code

#### LIN **LINE ITEM**

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

between the buyer and seller.

The segment also carries a sequence number assigned to the line item within the message, and the action

taken.

Usage: М1

Notes:

Ref.	Rep.		Name		EDIFICE Utilisation
1082	an6	С	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	an3	С	ACTION REQUEST/NOTIFICATION, CODED	R	5 = Accepted without amendment 6 = Accepted with amendment 7 = Not accepted  If DE 1225 in the BGM segment = '32' (Approval) then DE 1229 must hold either '5' (Accepted without amendment) or '7' (Not accepted).
C212		С	ITEM NUMBER IDENTIFICATION	Α	(
7140	an35 an3		Item number Item number type, coded	R R	Primary reference BP = Buyer's part number DI = Distributor's part number (*) EN = International Article Numbering Association (EAN) MF = Manufacturer's (producer's) article number SRV = EAN.UCC Global Trade Item Number UP = UPC (Universal product code) VP = Vendor's (seller's) part number (*) EDIFICE code
	an3 an3	CC	Code list qualifier Code list responsible agency, coded	N R	9 = EAN (International Article Numbering association) 89 = Assigned by distributor 90 = Assigned by manufacturer 91 = Assigned by seller or seller's agent 92 = Assigned by buyer or buyer's agent 113 = US, UCC (Uniform Code Council)
1082 1222	an3 an6 n2 an3	C	SUB-LINE INFORMATION Sub-line indicator, coded Line item number CONFIGURATION LEVEL CONFIGURATION, CODED	N N N N	,

### PIA ADDITIONAL PRODUCT ID

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

Usage: A..6

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	•	М	PRODUCT ID. FUNCTION QUALIFIER	М	1 = Additional identification
					4 = Substituted for
C212			ITEM NUMBER IDENTIFICATION	М	
	an35	C		R	
/143	an3	С	Item number type, coded	R	AA = Product version number
					Number assigned by manufacturer or
					seller to identify the release of a product.
					BP = Buyer's part number
					CL = Color number
					DI = Distributor's part number (*)
					DR = Drawing revision number
					DW = Drawing
					EC = Engineering change level
					EN = International Article Numbering Association
					(EAN)
					MF = Manufacturer's (producer's) article number
					SRV = EAN.UCC Global Trade Item Number
					UP = UPC (Universal product code)
					<pre>VP = Vendor's (seller's) part number</pre>
	_	_			(*) EDIFICE code
11	an3	C	Code list qualifier	N	O FAN /International Auticle Numbering
3055	an3	C	Code list responsible agency, coded	R	9 = EAN (International Article Numbering association)
			coded		89 = Assigned by distributor
					90 = Assigned by manufacturer
					91 = Assigned by seller or seller's agent
					92 = Assigned by buyer or buyer's agent
					113 = US, UCC (Uniform Code Council)
C212		С	ITEM NUMBER IDENTIFICATION	0	As for first CO C212
	an35	Č	Item number	R	
7143	an3	С	Item number type, coded	R	
1131	an3	С	Code list qualifier	Ν	
3055	an3	С	Code list responsible agency,	R	
			coded		As for first CO C212
C212			ITEM NUMBER IDENTIFICATION	0	As for first CO C212
	an35	C	Item number	R R	
	an3 an3	C C	Item number type, coded Code list qualifier	N	
11	an3	C	Code list responsible agency,	R	
	35	J	coded	``	
C212		С	ITEM NUMBER IDENTIFICATION	0	As for first CO C212
	an35	Č	Item number	R	
7143	an3	С	Item number type, coded	R	
11	an3	С	Code list qualifier	Ν	
3055	an3	С	Code list responsible agency, coded	R	
C212		С	ITEM NUMBER IDENTIFICATION	0	As for first CO C212
_	an35	Č	Item number	R	
7143	an3	C	Item number type, coded	R	
	an3	С	Code list qualifier	Ν	
3055	an3	С	Code list responsible agency,	R	
			coded		



# 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. D..2

Usage: D..2

Notes:

Ref.	Rep.		Name		EDIFICE Utilisation
7077	an3	С	ITEM DESCRIPTION TYPE, CODED	D	C = Code (from industry code list)
					F = Free-form
7081	an3	С	ITEM CHARACTERISTIC, CODED	0	3 = Ship to stock
					26 = Ship to line
C273		С	ITEM DESCRIPTION	D	Use DE 7009 for a coded description. If no code is
					available use DE 7008 instead.
7009	an17	C	Item description identification	Α	
1131	an3	C	•	N	
3055	an3	С	Code list responsible agency,	N	
			coded		
7008	an35	С	Item description	D	
	an35			0	
3453	an3	С	3 3 ,	N	
7383	an3	С	SURFACE/LAYER INDICATOR,	N	
			CODED		

# QTY QUANTITY

Function: A segment specifying the total quantity for the line item for which a quotation is being provided.

Usage: D..2

Notes: The measure unit qualifier used in DE 6411 applies to all the underlying QTY segments.

Ref. Rep.	Name	EDIFICE Utilisation
C186 6063 an3	M QUANTITY DETAILS M Quantity qualifier	M M 447 = Quoted quantity (*)
0003 all3	ri Quantity quaimei	448 = Quoted delivery quantity (*) Only to be used if delivery quantity is different to price quantity 449 = Quoted price quantity (*) Only to be used if price quantity is different to delivery quantity (*) EDIFICE code
6060 n15 6411 an3	. ,	M Total line quantity 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 MTQ = cubic metre MTR = metre PCE = piece (*) (*) EDIFICE code, not included in UN/ECE Recommendation No. 20 Other codes should be previously agreed between trading partners.



### PCD PERCENTAGE DETAILS

Function: A segment specifying the agreed profit percentage for the line item. Usage : D 1  $\,$ 

Usage : Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
5482 5249 1131	an3 n10 an3 an3	M M C C C	PERCENTAGE DETAILS Percentage qualifier Percentage Percentage basis, coded Code list qualifier Code list responsible agency, coded	M M R N N	5 = Entry percentage Percentage value



#### FTX FREE TEXT

Function: A segment providing free form or coded text information for the line item.

Usage: 0..5

Notes: EDIFICE recommends not to use FTX segments.

Where possible, use CO C107 rather than CO C108.

Ref.	Rep.		Name		EDIFICE Utilisation
4451	an3	М	TEXT SUBJECT QUALIFIER	М	LIN = Line item
4453	an3	С	TEXT FUNCTION, CODED	Α	1 = Text for subsequent use
					The occurrence of this text does not
					affect message processing
					3 = Text for immediate use
					Text must be read before processing the
				١. ا	message
C107		С	TEXT REFERENCE	Α	
H	an17	Μ		М	
H	an3		Code list qualifier	N	
3055	an3	С	Code list responsible agency, coded	N	
C108		С	TEXT LITERAL	D	
4440	an70	Μ	Free text	М	
4440	an70	C	Free text	0	
		С	Free text	0	
III .		С	Free text	0	
-		С		0	
3453	an3	С	LANGUAGE, CODED	N	

#### SG31 PRI-RNG-DTM

#### PRI **PRICE DETAILS**

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

Usage:

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation
C509 5125 5118 5375	n15	C PRICE INFORMATION M Price qualifier C Price C Price type, coded	R M AAA = Calculation net R R BY = Buyer (*) SE = Seller (*) (*) EDIFICE code
5284	an3 n9 an3	C Price type qualifier C Unit price basis C Measure unit qualifier	N R 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  MTQ = cubic metre  MTR = metre  PCE = piece (*)  (*) EDIFICE code, not included in UN/ECE  Recommendation No. 20  Other codes should be previously agreed between trading partners.
5213	an3	C SUB-LINE PRICE CHANGE, CODED	N



# SG31 PRI-RNG-DTM

# RNG RANGE DETAILS

Function: A segment specifying the line item range

Usage: D1

Notes: This segment is only used when the quote is related to a contract, i.e. BGM, DE 1001 = '364 Contract

price quote' or '365 Contract price & delivery quote'

Ref.	Rep.		Name		EDIFICE Utilisation		
6167	an3	М	RANGE TYPE QUALIFIER	М	4 = Quantity range		
C280		С	RANGE	R			
6411	an3	Μ	Measure unit qualifier	М	PCE = Piece (*)		
					(*) EDIFICE code, not included in UN/ECE		
					Recommendation No. 20		
6162	n18	С	Range minimum	R	Range minimum		
6152	n18	С	Range maximum	R	Range maximum		



# SG31 PRI-RNG-DTM

# DTM DATE/TIME/PERIOD

Function: A segment specifying the date applying to the range.

Usage: D..4

Notes: This segment is only used when the quote is related to a contract. i.e. BGM, DE 1001 = '364 Contract

price quote' or '365 Contract price & delivery quote'

Ref.	Rep.		Name		EDIFICE Utilisation
C507		М	DATE/TIME/PERIOD	М	
2005 a	an3	М	Date/time/period qualifier	M	37 = Ship not before date/time 38 = Ship not later than date/time 194 = Start date/time 206 = End date/time
	an35 an3		Date/time/period Date/time/period format qualifier	RR	Date  102 = CCYYMMDD  203 = CCYYMMDDHHMM  303 = CCYYMMDDHHMMZZZ  ZZZ = Time zone  304 = CCYYMMDDHHMMSSZZZ  ZZZ = Time zone  X03 = CCYYMMDDHHMMZZZZZ (*)  ZZZZZ = Time zone  X04 = CCYYMMDDHHMMSSZZZZ (*)  ZZZZZ = Time zone  X04 = CCYYMMDDHHMMSSZZZZZ (*)  ZZZZZ = Time zone  (*) EDIFICE code

# SG32 RFF

# RFF REFERENCE

Function: A segment specifying a line item reference number.

Usage: M1 Notes:

Ref.	Rep.		Name		EDIFICE Utilisation
C506		Μ	REFERENCE	М	
1153	an3	Μ	Reference qualifier	М	LI = Line item reference number
1154	an35	C	Reference number	N	
1156	an6	С	Line number	R	Buyer's item line number
4000	an35	С	Reference version number	N	

#### SG39 PAC-QTY

#### PAC **PACKAGE**

Function: A segment specifying the product package type.

Usage : Notes :

Ref.	Rep.		Name		EDIFICE Utilisation
7224	n8	С	NUMBER OF PACKAGES	N	
C531		С	PACKAGING DETAILS	N	
	an3	С	Packaging level, coded	Ν	
7233	an3	С	Packaging related information, coded	N	
7073	an3	С	Packaging terms and conditions, coded	N	
C202		C		R	
1131	an3 an3	CC	Code list qualifier Code list responsible agency,	R R ND	The following codes are taken from EIDX documentation: BLK90 = Standard Bulk RAL90 = Standard Rail (semiconductor) REL90 = Standard Reel TRY90 = Standard Tray The following codes are taken from UN/ECE Recommendation no.21, (TDED 5.8): BA = Barrel BB = Bobbin BE = Bundle BG = Bag BQ = Bottle, protected cylindrical BV = Bottle, protected bulbous BX = Box CG = Cage (*) CN = Container CR = Crate CS = Case CT = Carton CX = Can, cylindrical DR = Drum EN = Envelope NE = Unpacked or unpackaged PC = Parcel PE = Pallet (*) PK = Package PU = Tray RL = Reel RO = Roll SW = Shrinkwrapped TN = Tin TU = Tube (*) EDIFICE code, not included in UN/ECE Recommendation No. 21 Other codes should be previously agreed between trading partners.
			coded		documentation. 116 = US, ANSI ASC X12
7064	an35	С	Type of packages	N	·
C402		С	PACKAGE TYPE IDENTIFICATION	Ν	
	an3	Μ	Item description type, coded	N	
	an35	М	Type of packages	N	
	an3	C	Item number type, coded	N	
	an35	Č	Type of packages	N	
	an3	C	Item number type, coded	N	
C532	35	С	RETURNABLE PACKAGE DETAILS	N	
	an3	C			
$\alpha$	a113	C	Returnable package freight payment responsibility, coded	N	I



Ref.	Rep.		Name		EDIFICE Utilisation
8393	an3	С	Returnable package load contents, coded	N	

# SG39 PAC-QTY

# QTY QUANTITY

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

Usage: C1

Notes:

Ref.	Rep.		Name		EDIFICE Utilisation
6060	an3 n15 an3	M M M C	QUANTITY DETAILS Quantity qualifier Quantity Measure unit qualifier	$\Sigma \Sigma \Sigma Z$	52 = Quantity per pack

#### SG54 SCC-SG55

#### **SCHEDULING CONDITIONS** SCC

Function: A segment specifying a firm delivery.

Usage:

Notes :

Ref.	Rep.		Name		EDIFICE Utilisation	
4017	an3	М	DELIVERY PLAN STATUS INDICATOR, CODED	М	M 1 = Firm	
4493	an3	С	DELIVERY REQUIREMENTS, CODED	Ν	N	
C329		С	PATTERN DESCRIPTION	Ν	N	
2013	an3	С	Frequency, coded	Ν	N	
2015	an3	С	Despatch pattern, coded	Ν	N	
2017	an3	С	Despatch pattern timing, coded	Ν	N	

#### SG55 QTY-DTM

#### QTY **QUANTITY**

Function: A segment specifying a quantity.

Usage: М1

This segment is used to specify the breakdown of the total quotation line quantity into its constituent delivery quantities (i.e. multiple drops). Notes:

Ref.	Rep.		Name		EDIFICE Utilisation
C186 6063	an3		QUANTITY DETAILS Quantity qualifier	M M	447 = Quoted quantity (*) Should only be used if DE 6063 in QTY segment (SG27) = '447' 448 = Quoted delivery quantity (*) (*) EDIFICE code
6060	n15	Μ	Quantity	М	
6411	an3	С	Measure unit qualifier	Ν	



#### SG55 QTY-DTM

#### DTM DATE/TIME/PERIOD

Function: A segment specifying the corresponding date of the quantity. R 1

Usage: Notes:

Ref.	Rep.	Name		EDIFICE Utilisation		
C507		М	DATE/TIME/PERIOD	М		
2005	an3	Μ	Date/time/period qualifier	М	444 = Quoted delivery date (*)	
					(*) EDIFICE code	
2380	an35	С	Date/time/period	R	Date	
2379	an3	C	Date/time/period format qualifier	R	102 = CCYYMMDD	
					203 = CCYYMMDDHHMM	
					303 = CCYYMMDDHHMMZZZ	
					ZZZ = Time zone	
					304 = CCYYMMDDHHMMSSZZZ	
					ZZZ = Time zone	
					X03 = CCYYMMDDHHMMZZZZZ (*)	
					ZZZZZ = Time zone	
					X04 = CCYYMMDDHHMMSSZZZZZ (*)	
					ZZZZZ = Time zone	
					(*) EDIFICE code	



# UNS SECTION CONTROL

Function: A service segment separating the detail and summary sections.

Usage: M1

Notes:

Ref.	Rep.	Name	EDIFICE Utilisation	
0081	a1	M SECTION IDENTIFICATION	S = Detail/summary section separation	า



### UNT MESSAGE TRAILER

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

Usage: M1

Notes: Refer to EDIFICE utilisation of the UN/EDIFACT service segments, Issue EDSS04.

Ref.	Ref. Rep. Name		EDIFICE Utilisation		
0074	n6	М	NUMBER OF SEGMENTS IN A MESSAGE		Count of all segments in the message, UNH and UNT included.
0062	an14	М	MESSAGE REFERENCE NUMBER		Must be the same reference number as in DE 0062 of the UNH segment of this message.

#### **EXAMPLES**

#### EXAMPLE 1 PRICE QUOTATION

UNB+UNOC:3+234567891:1:X+198765432:1:X+971201:1924+66+X:AA+QUOTES++1+X+1 UNH+1+QUOTES:D:97A:UN:EDQT04' BGM+361+Q001+34' DTM+137:19970402:102' DTM+36:19970601:102' DTM+38:19970501:102' RFF+AHU:RFQ1' CUX+16:GBP:14' NAD+SE+SUPPLIER CORP::91' LIN+1+6+WIDGET:VP::92' IMD++3' QTY+447:1100:PCE' PRI+AAA:25.50:SE::1:PCE' RFF+LI::001' UNS+S' UNT+15+1 UNZ+1+66'

#### **EXAMPLE 2** PRICE AND DELIVERY QUOTATION

UNB+UNOC:3+234567891:1:X+198765432:1:X+971201:1924+66+X:AA+QUOTES++1+X+1 UNH+1+QUOTES:D:97A:UN:EDQT04' BGM+363+Q003+34' DTM+137:19970402:102' DTM+157:19970406:102' DTM+36:19970706:102' ALI+++110' RFF+AHU:RFQ3' CUX+16:USD:14' NAD+SE+SUPPLIER GMBH::91' LIN+1+6+PRODUCT:VP::91' QTY+448:1000:PCE' QTY+449:1500:PCE' PRI+AAA:55.10:BY::1:PCE' RFF+LI::1' SCC+1' QTY+448:1000' DTM+444:19970510:102' LIN+2+5+ITEM CODE:VP::91' RFF+LI::2' UNS+S' UNT+21+1 UNZ+1+66'

#### **EXAMPLE 3** DELIVERY QUOTATION

UNB+UNOC:3+234567891:1:X+198765432:1:X+971201:1924+66+X:AA+QUOTES++1+X+1'
UNH+1+QUOTES:D:97A:UN:EDQT04'
BGM+362+Q002+29'
DTM+137:19970402:102'
RFF+AHU:RFQ2'
NAD+SE+SUPPLIER::91'
LIN+1+5+ITEM ABC:VP::92'
UNS+S'
UNT+8+1'
UNZ+1+66'

#### **EXAMPLE 4** SHIP & DEBIT PRICE QUOTATION

UNB+UNOC:3+234567891:1:X+198765432:1:X+971201:1924+66+X:AA+QUOTES++1+X+1 UNH+1+QUOTES:D:97A:UN:EDQT04' BGM+368+Q0006+34' DTM+137:19970402:102' DTM+36:19970801:102' RFF+AHU:RFQ4' CUX+16:GBP:14' CUX+17:GBP:3' NAD+SE+SUPPLIER LTD::91' LIN+1+6+MATH COPROCESSOR:VP::91' QTY+447:75:PCE' PCD+5:29.5' PRI+AAA:63.80:SE::1:PCE' PRI+AAA:90.50:BY::1:PCE' RFF+LI::1' UNS+S' UNT+16+1' UNZ+1+66'

#### EXAMPLE 5 SHIP & DEBIT PRICE QUOTATION (Authorisation)

UNB+UNOC:3+234567891:1:X+198765432:1:X+971201:1924+66+X:AA+QUOTES++1+X+1'
UNH+1+QUOTES:D:97A:UN:EDQT04'
BGM+368+Q0006A+32'
DTM+137:19970404:102'
DTM+36:19970801:102'
RFF+AHU:RFQ4'
NAD+SE+SUPPLIER LTD::91'
LIN+1+5+MATH COPROCESSOR:VP::91'
RFF+LI::001'
UNS+S'
UNT+10+1'
UNZ+1+66'