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!                                     !
!           Issue 1                 !
!           -----                 !
!           ENDORSED BY EDIFICE     !
!                                     !
!           JUNE 22, 1993           !
!                                     !
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EDIFICE - UTILISATION
OF THE
EDIFACT - QUOTES MESSAGE
(QUOTATION MESSAGE)

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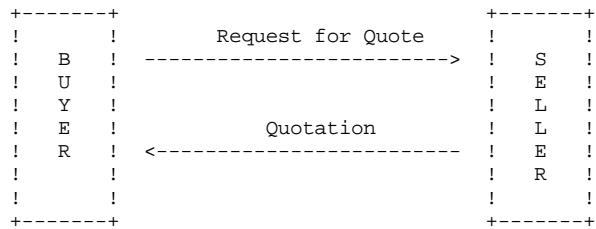
COMPARISON TO PREVIOUS ISSUE

- No previous issue of this document exists.

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 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 :-
 - Quotation of Price only (no delivery)
 - Quotation of Delivery only (no price)
 - Quotation of Price and Delivery.
 - 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;
 - (i) a manufacturer and an OEM customer,
 - (ii) a manufacturer and a distributor,
 - (iii) a manufacturer, distributor and end customer,
 - (iv) a distributor and an end customer.
 - Contract Quotation (price only)
[refer to contract quotation (price and delivery) and omit all reference to delivery].

- 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 authorize 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 authorizing 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.

- 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:

DISTRIBUTOR:			MANUFACTURER:		
+-----+			+-----+		
!	!	Request for Quote (REQOTE)	!	!	
!	B	----->	!	S	!
!	U	Response to Quote (QUOTES)	!	E	!
!	Y	<-----	!	L	!
!	E	Confirmation of End Customer	!	L	!
!	R	Booking (REQOTE)	!	E	!
!	!	----->	!	R	!
!	!	Approval/Authorisation (QUOTES)	!	!	!
!	!	<-----	!	!	!
+-----+			+-----!		

- Back to Back Quotation (price and delivery) This message is designed to facilitate the exchange of item, quantity, delivery and pricing 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 previously requested by the agent.

In these situations the agent will apply to the manufacturer for a special buy price and specific delivery schedules and request a quoted price/delivery. This is followed up by the manufacturer authorising the quoted price/delivery, with or without changes, and by the agent placing purchase order(s) on the manufacturer for the quoted quantities at the agreed buy price/delivery schedules.

- Back to Back Quotation (price only)
[refer to back to back quotation (price and delivery) and omit all reference to delivery.
- * The use of Free Text segments (FTX) is highly discouraged since the presence of uncoded text can inhibit the automated processing of EDI messages.
- * Data specified at the detail level will not override data specified at the header level.

This utilisation guide has been created with the intention of satisfying about 80 percent of the Quotation EDI requirements of the electronics industry. It is a 'core' set of segments for the function of providing quotations from a seller to a buyer. During the development of these guidelines it has been recognised that there may be further needs which are special to certain areas of the electronics industry. These will be considered as and when they are brought to the attention of the EDIFICE Message Design Group.

This core version of the message assumes the item number (product or service) can be uniquely identified at LIN/PIA/IMD segment level. 'Complex' item numbers (e.g. configurations/ kits) have not been catered for, but it is recognised that future extended version(s) of this message may be developed to accomodate the structure/identification of such items.

REFERENCES

UNSM QUOTATION MESSAGE STATUS 1, VERSION 1; RELEASE 921
EDIFACT STANDARD DATA SEGMENT DIRECTORY 92.1
EDIFACT CODE LIST 92.1
EDIFICE Utilisation of EDIFACT Service Segments, Issue 2
ISO 9735 : 1988 (E) EDIFACT - APPLICATION LEVEL SYNTAX RULES,
FIRST EDITION : 1988-07-15
AMENDED AND REPRINTED : 1990-11-15
ISO 4217 Codes for the representation of currencies and funds
ISO 3166 Codes for the representation of names of countries
UN/ECE RECOMMENDATION 5 Abbreviations of INCOTERMS - Alphabetic
codes for Incoterms 1990
UN/ECE RECOMMENDATION 20 Codes for Units of Measurement

EXPLANATORY NOTES

The following abbreviations are used within this document:

DE = Data Element
SG = Segment Group

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

EDIFACT	EDIFICE
-----	-----
M (Mandatory)	M (Mandatory)
C (Conditional)	R (Required)
C (Conditional)	D (Depending)
C (Conditional)	A (Advised)
C (Conditional)	O (Optional)
C (Conditional)	X (Not Used)

Mandatory = EDIFACT dictates that the Segment or Data Element must be present.

Required = EDIFICE members agree that the data concerned must be sent.

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

Advised = Indicates that the RECEIVER of the message would prefer the data concerned to be sent, but does not require its transmission.

Optional = Indicates that the transmission of the data concerned is at the need or discretion of the SENDER, i.e. it is not required by the receiver in order to perform its business function. EDIFICE require that the use of 'O' (optional) must be agreed between trading partners.

Not Used = The Segment or Data Element will not be used by EDIFICE members.

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

The number of occurrences shown in the message diagram indicates the required or maximum number of occurrences for the EDIFICE utilisation.

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

e.g. R3 The segment or group is required 3 times (fixed number)

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

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

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

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

All date fields can be described in the format YYMMDD or CCYYMMDD. Consistent use of the date format should be adhered to throughout the entire document.

EDIFICE MESSAGE DIAGRAM

UNH	Message header	M1	
BGM	Beginning of message	M1	
DTM	Date/time/period	M..7	
ALI	Additional information	D1	
FTX	Free text	O..5	

--- Segment Group	1	-----	R..2 -----+
RFF	Reference	M1	-----+

--- Segment Group	3	-----	D..2 -----+
CUX	Currencies	M1	-----+

--- Segment Group	5	-----	O..2 -----+
TOD	Terms of delivery	M1	-----+

--- Segment Group	10	-----	R..4 -----+
NAD	Name and address	M1	-----+

--- Segment Group	26	-----	M..200000 -----+
LIN	Line item	M1	!
PIA	Additional product id	A..6	!
IMD	Item description	D..2	!
QTY	Quantity	D..2	!
PCD	Percentage details	D1	!
FTX	Free text	O..5	!

--- Segment Group	28	-----	D..4 -----+ !
PRI	Price details	M1	-----+ !

--- Segment Group	29	-----	D1 -----+ !
RFF	Reference	M1	-----+ !

--- Segment Group	36	-----	O1 -----+ !
PAC	Package	M1	-----+ !

--- Segment Group	50	-----	D..100 -----+ !
SCC	Scheduling conditions	M1	! !

--- Segment Group	51	-----	R1 -----+ ! !
QTY	Quantity	M1	! ! !
DTM	Date/time/period	R1	-----+ + + +

UNS	Section control	M1	
UNT	Message trailer	M1	

UNH MESSAGE HEADER

Function : To head, identify and specify a message.

Usage : M1

Remarks : Refer to EDIFICE utilisation of the EDIFACT service segments,
Issue 2.

Ref.	Rep.	Name	! EDIFICE UTILISATION
			! !
0062	an..14	M MESSAGE REFERENCE NUMBER	!M!
			! !
S009		M MESSAGE IDENTIFIER	!M!
0065	an..6	M Message type identifier	!M! 'QUOTES'
0052	an..3	M Message type version number	!M! '1' ! !
0054	an..3	M Message type release number	!M! '921' ! !
0051	an..2	M Controlling agency	!M! 'UN'
0057	an..6	C Association assigned code	!R! 'ED1' ! !
			! !
0068	an..35	C COMMON ACCESS REFERENCE	!X! ! !
S010		C STATUS OF THE TRANSFER	!O!
0070	n..2	M Sequence message transfer number	!M! ! !
0073	a..1	C First/last sequence message transfer indication	!O! ! ! ! !
			! !

BGM BEGINNING OF MESSAGE

Function: To indicate the beginning of the Quotation, to specify its Quotation type and to transmit the seller's quotation number.
Usage : M1
Remarks : All references other than the quotation number are held in RFF segments.

Ref. Rep.	Name	! EDIFICE UTILISATION
		! !
C002	C DOCUMENT/MESSAGE NAME	!R!
1001 an..3	C Document/message name, coded	!R! See Note 1
		! !
1131 an..3	C Code list qualifier	!X!
3055 an..3	C Code list responsible agency, coded	!X!
		! !
1000 an..35	C Document/message name	!X!
		! !
1004 an..35	C DOCUMENT/MESSAGE NUMBER	!R! See Note 2
		! !
1225 an..3	C MESSAGE FUNCTION, CODED	!R! See Note 3
		! !
4343 an..3	C RESPONSE TYPE, CODED	!X!
		! !

Note 1: DE 1001 DOCUMENT/MESSAGE NAME, CODED
'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
Use these codes until EDIFACT makes codes available

Note 2: DE 1004 DOCUMENT/MESSAGE NUMBER
Seller's Quotation/Authorisation number

Note 3: DE 1225 MESSAGE FUNCTION, CODED
'27' Not accepted (See below)
'29' Accepted without amendment (See below)
'32' Approval (See below)
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.

DTM DATE/TIME/PERIOD

Function: To specify the Dates and Times associated with the Quotation message.

Usage : M..7

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

Ref. Rep.	Name	! EDIFICE UTILISATION
		! !
C507	M DATE/TIME/PERIOD	!M!
2005 an..3	M Date/time/period qualifier	!M! See Note 1 ! !
2380 an..35	C Date/time/period	!R! Date
2379 an..3	C Date/time/period format qualifier	!R! See Note 2 ! ! ! !

Note 1: DE 2005 DATE/TIME/PERIOD QUALIFIER
 '137' Document/message date/time
 (Document creation date)
 '157' Validity start date
 (The date upon which this quotation becomes valid)
 '36' Expiry date
 (The date upon which this quotation expires)
 '37' Ship not before date/time
 (Supplier to buyer or buyer to end customer in cases of
 ship & debit)
 '38' Ship not later than date/time
 (Supplier to buyer or buyer to end customer in cases of
 ship & debit)
 '341' Order start date
 (Buyer placing order on supplier)
 Use this code until EDIFACT makes a code available
 '342' Order end date
 (Buyer placing order on supplier)
 Use this code until EDIFACT makes a code available

Note 2: DE 2379 DATE/TIME/PERIOD FORMAT QUALIFIER
 '101' YYMMDD
 '102' CCYYMMDD

ALI ADDITIONAL INFORMATION

Function: To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable.
Usage : D1
Remarks : 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 an..3	C COUNTRY OF ORIGIN, CODED	!X!
9213 an..3	C TYPE OF DUTY REGIME, CODED	!X!
4183 an..3	C SPECIAL CONDITIONS, CODED	!R! See Note 1
4183 an..3	C SPECIAL CONDITIONS, CODED	!D! See Note 1
4183 an..3	C SPECIAL CONDITIONS, CODED	!D! See Note 1
4183 an..3	C SPECIAL CONDITIONS, CODED	!D! See Note 1
4183 an..3	C SPECIAL CONDITIONS, CODED	!D! See Note 1

Note 1: DE 4183 SPECIAL CONDITIONS, CODED

'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

Use these codes until EDIFACT makes codes available

FTX FREE TEXT

Function: To provide free form or coded text information.
Usage : 0..5
Remarks : EDIFICE recommends that free text be avoided since it can
inhibit automatic processing.

Ref.	Rep.	Name	! EDIFICE UTILISATION
			! !
4451	an..3	M TEXT SUBJECT QUALIFIER	!M! See EDIFACT code list
			! !
4453	an..3	C TEXT FUNCTION, CODED	!A! See Note 1
			! !
C107		C TEXT REFERENCE	!X!
4441	an..3	M Free text, coded	! !
1131	an..3	C Code list qualifier	! !
3055	an..3	C Code list responsible agency, coded	! ! ! !
			! !
C108		C TEXT LITERAL	!R!
4440	an..70	M Free text	!M!
4440	an..70	C Free text	!D!
4440	an..70	C Free text	!D!
4440	an..70	C Free text	!D!
4440	an..70	C Free text	!D!
			! !
3453	an..3	C LANGUAGE, CODED	!X!
			! !

Note 1: DE 4453 TEXT FUNCTION, CODED
'1' Text for subsequent use
The presence of this text does not affect message
processing.
'3' Text for immediate use
The text must be read before actioning the message.

SEGMENT GROUP 1

Function: To indicate reference documents associated with the whole
quotation.

Usage : R..2

Remarks : This segment group is to be used to specify the Buyer's
Request for Quote Number and any relevant Contract Number .

---	Segment Group	1	-----	R..2	-----	+
RFF	Reference			M1	-----	+

SG 1

HEADER

RFF REFERENCE

Function: To specify a reference
Usage : M1
Remarks :

Ref. Rep.	Name	! EDIFICE UTILISATION
C506	M REFERENCE	! !
1153 an..3	M Reference qualifier	!M! See Note 1
1154 an..35	C Reference number	!R!
1156 an..6	C Line number	!X!
4000 an..35	C Reference version number	!X!
		! !

Note 1: DE 1153 REFERENCE QUALIFIER
 'BQ' Buyer's Request for Quote Number
 Use this code until EDIFACT makes a code available
 'CT' Contract number

SEGMENT GROUP 3

Function: To notify the currencies in which prices within the quotation
 are specified.

Usage : D..2

Remarks : 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.

---	Segment Group	3	-----	D..2	-----	+
CUX	Currencies			M1	-----	+

CUX CURRENCIES

Function: To specify currencies used in the transaction.

Usage : M1

Remarks : 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	C CURRENCY DETAILS	! !
6347 an..3	M Currency details	!R! See Note 1
	qualifier	! !
6345 an..3	C Currency, coded	!R! See ISO 4217 3 alpha code
6343 an..3	C Currency qualifier	!R! See Note 2
6348 n..4	C Currency rate base	!X!
		! !
C504	C CURRENCY DETAILS	!O! See Note 3
6347 an..3	M Currency details	!M! See Note 1
	qualifier	! !
6345 an..3	C Currency, coded	!O! See ISO 4217 3 alpha code
6343 an..3	C Currency qualifier	!O! See Note 2
6348 n..4	C Currency rate base	!O!
		! !
5402 n..12	C RATE OF EXCHANGE	!O!
		! !
6341 an..3	C CURRENCY MARKET EXCHANGE, CODED	!O!
		! !
		! !
-----+-----		

Note 1: DE 6347 CURRENCY DETAILS QUALIFIER
 '6' Buy Price
 '7' Resale Price
 Use these codes until EDIFACT makes codes available

Note 2: DE 6343 CURRENCY QUALIFIER
 '18' Buyer's currency
 '20' Seller's currency
 Use these codes until EDIFACT makes codes available

Note 3: DE C504 CURRENCY DETAILS
 This second occurrence of C504 may be used to return the Buyer's requested Buy and/or Target Resale Price Currencies. In this case, DEs 5402 and 6341 may also be used.

SEGMENT GROUP 5

Function: To indicate the delivery terms which apply to this quotation.
Usage : 0..2
Remarks :

---	Segment Group	5	-----	0..2	-----	+
TOD	Terms of delivery			M1	-----	+

SG 5

HEADER

TOD TERMS OF DELIVERY

Function: To specify the terms of delivery to be used.

Usage : M1

Remarks :

Ref. Rep.	Name	! EDIFICE UTILISATION
-----	-----	+-----
		! !
4055 an..3	C TERMS OF DELIVERY FUNCTION, CODED	!R! See Note 1 ! ! ! !
4215 an..3	C TRANSPORT CHARGES METHOD OF PAYMENT, CODED	!X! ! ! ! !
C100	C TERMS OF DELIVERY	!R!
4053 an..3	C Terms of delivery, coded	!R! Refer to INCOTERMS 1990
1131 an..3	C Code list qualifier	!X!
3055 an..3	C Code list responsible agency, coded	!X! ! !
4052 an..70	C Terms of delivery	!X!
4052 an..70	C Terms of delivery	!X! ! !
-----	-----	+-----

Note 1: DE 4055 TERMS OF DELIVERY FUNCTION, CODED
 '1' Price condition
 '3' Price and despatch condition
 '6' Delivery condition

SEGMENT GROUP 10

Function: To identify the parties associated with the quotation.
Usage : R..4
Remarks : EDIFICE requires that this segment group be used at least once
to specify the sender of the document. It may also be used to
identify the recipient of the quotation.

--- Segment Group 10 ----- R..4 -----+
NAD Name and address M1 -----+

SG10

HEADER

NAD NAME AND ADDRESS

Function: To specify the name/address and the related function of all parties involved in this quotation.

Usage : M1

Remarks : EDIFICE advises that the Party Identification composite element (C082) be used. When C082 cannot be used EDIFICE recommends using the structured name and address elements (C080 through 3207), rather than an unstructured one (C058).

Ref.	Rep.	Name	! EDIFICE UTILISATION
3035	an..3	M PARTY QUALIFIER	!! !M! See Note 1
C082		C PARTY IDENTIFICATION DETAILS	!! !D! !!
3039	an..17	M Party id identification	!M! Code identifying the party
1131	an..3	C Code list qualifier	!X!
3055	an..3	C Code list responsible agency, coded	!R! See Note 2 !! !!
C058		C NAME AND ADDRESS	!D!
3124	an..35	M Name and address line	!M!
3124	an..35	C Name and address line	!O!
3124	an..35	C Name and address line	!O!
3124	an..35	C Name and address line	!O!
3124	an..35	C Name and address line	!O!
C080		C PARTY NAME	!D!
3036	an..35	M Party name	!M!
3036	an..35	C Party name	!O!
3036	an..35	C Party name	!O!
3036	an..35	C Party name	!O!
3036	an..35	C Party name	!O!
3045	an..3	C Party name format, coded	!X! !! !!
C059		C STREET	!D!
3042	an..35	M Street and number/P.O. Box	!M! !! !!
3042	an..35	C Street and number/P.O. Box	!O! !! !!
3042	an..35	C Street and number/P.O. Box	!O! !! !!
3164	an..35	C CITY NAME	!D! !! !!
3229	an..9	C COUNTRY SUB-ENTITY IDENTIFICATION	!D! !! !!
3251	an..9	C POSTCODE IDENTIFICATION	!D! !! !!
3207	an..3	C COUNTRY, CODED	!D! See ISO 3166 2 alpha code !! !!

-----+-----

- Note 1: DE 3035 PARTY QUALIFIER
- '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
- Note 2: DE 3055 CODE LIST RESPONSIBLE AGENCY, CODED
- '9' EAN (International Article Numbering association)
 - '91' Assigned by seller or seller's agent
 - '92' Assigned by buyer or buyer's agent

SEGMENT GROUP 26

Function: A group of segments providing details of the individual items
for which a quotation is being provided.
Usage : M..200000
Remarks : Where the sender is unable to provide coded item identification
(C212 in PIA segment), the IMD segment must provide a clear free
format description of the item. If DE 1229 in the LIN segment =
'5' (Accepted without amendment) or '7' (Not accepted), then
only one "dummy" LIN segment need be sent.

```

--- Segment Group 26 ----- M..200000 -----+
LIN  Line item                M1                      !
PIA  Additional product id    A..6                    !
IMD  Item description         D..2                    !
QTY  Quantity                 D..2                    !
PCD  Percentage details       D1                      !
FTX  Free text                O..5                    !
                                           !
--- Segment Group 28 ----- D..4 -----+ !
PRI  Price details            M1 -----+ !
                                           !
--- Segment Group 29 ----- D1 -----+ !
RFF  Reference                M1 -----+ !
                                           !
--- Segment Group 36 ----- O1 -----+ !
PAC  Package                  M1 -----+ !
                                           !
--- Segment Group 50 ----- D..100 -----+ !
SCC  Scheduling conditions    M1                      ! !
                                           ! !
--- Segment Group 51 ----- R1 -----+ ! !
QTY  Quantity                 M1                      ! ! !
DTM  Date/time/period         R1 -----+ + + +

```


LIN LINE ITEM

Function: To identify a line number and to specify the line item being described, and the item number agreed to be the primary reference number between buyer and seller. This segment must also be used to state the action to be carried out on the line.

Usage : M1
Remarks :

Ref. Rep.	Name	! EDIFICE UTILISATION
-----+-----		
1082 n..6	C LINE ITEM NUMBER	! ! !R! See Note 1 ! !
1229 an..3	C ACTION REQUEST/NOTIFICATION, CODED	!R! See Note 2 ! ! ! ! ! !
C212	C ITEM NUMBER IDENTIFICATION	!A! ! !
7140 an..35	C Item number	!R!
7143 an..3	C Item number type, coded	!R! See Note 3
1131 an..3	C Code list qualifier	!X!
3055 an..3	C Code list responsible agency, coded	!R! See Note 4 ! ! ! !
5495 an..3	C SUB-LINE INDICATOR, CODED	!X! ! !
1222 n..2	C CONFIGURATION LEVEL	!X! ! !
7083 an..3	C CONFIGURATION, CODED	!X! ! !
-----+-----		

Note 1: DE 1082 LINE ITEM NUMBER
EDIFICE requires that this DE be used. It must contain a sequential count of the item lines which form the quotation 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.

Note 2: DE 1229 ACTION REQUEST/NOTIFICATION, CODED
'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).

Note 3: DE 7143 ITEM NUMBER TYPE, CODED
'BP' Buyer's part number
'EN' International Article Numbering Association (EAN)
'VP' Vendor's (seller's) part number

Note 4: DE 3055 CODE LIST RESPONSIBLE AGENCY, CODED
'9' EAN (International Article Numbering association)
'91' Assigned by seller or seller's agent
'92' Assigned by buyer or buyer's agent

PIA ADDITIONAL PRODUCT ID

Function: To specify item numbers and additional identification codes.

Usage : A..6

Remarks : This segment should be used to specify secondary and alternative item identification codes and additional item information, e.g. Release Specification.

Ref.	Rep.	Name	!	EDIFICE UTILISATION
4347	an..3	M PRODUCT ID FUNCTION QUALIFIER	! ! !M! ! ! ! !	See Note 1
C212		M ITEM NUMBER IDENTIFICATION	!M! ! !	
7140	an..35	C Item number	!R!	
7143	an..3	C Item number type, coded	!R!	See Note 2
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	!R! ! ! ! !	See Note 3
C212		C ITEM NUMBER IDENTIFICATION	!O! ! !	
7140	an..35	C Item number	!R!	
7143	an..3	C Item number type, coded	!R!	See Note 2
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	!R! ! ! ! !	See Note 3
C212		C ITEM NUMBER IDENTIFICATION	!O! ! !	
7140	an..35	C Item number	!R!	
7143	an..3	C Item number type, coded	!R!	See Note 2
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	!R! ! ! ! !	See Note 3
C212		C ITEM NUMBER IDENTIFICATION	!O! ! !	
7140	an..35	C Item number	!R!	
7143	an..3	C Item number type, coded	!R!	See Note 2
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	!R! ! ! ! !	See Note 3
C212		C ITEM NUMBER IDENTIFICATION	!O! ! !	
7140	an..35	C Item number	!R!	
7143	an..3	C Item number type, coded	!R!	See Note 2
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	!R! ! ! ! !	See Note 3

Note 1: DE 4347 PRODUCT ID FUNCTION QUALIFIER
'4' Substituted for
'5' Product identification
(e.g. Buyer's Item Number)

Note 2: DE 7143 ITEM NUMBER TYPE, CODED
'BP' Buyer's part number
'EN' International Article Numbering Association (EAN)
'SA' Supplier's article number
'DR' Drawing revision number
'EC' Engineering change level
'RN' Release specification number
Use this code until EDIFACT makes a code available

Note 3: DE 3055 CODE LIST RESPONSIBLE AGENCY, CODED
'9' EAN (International Article Numbering association)
'91' Assigned by seller or seller's agent
'92' Assigned by buyer or buyer's agent

EDIFICE requires that code '91' is used to indicate information related to the seller's part or item number ('VP') and code '92' is used to indicate information related to the buyer's part or item number ('BP'). Code '9' is used to indicate information related to the EAN number ('EN').

IMD ITEM DESCRIPTION

Function: To specify an item in free format

Usage : D..2

Remarks : This segment should only be used to provide a free format description of the item where the sender is unable to provide the PIA segment and/or to indicate a "ship to stock" condition.

Ref.	Rep.	Name	! EDIFICE UTILISATION
7077	an..3	C ITEM DESCRIPTION TYPE, CODED	! ! !D! 'F' Free-form ! ! ! !
7081	an..3	C ITEM CHARACTERISTIC, CODED	!A! '3' Ship to stock ! ! ! !
C273		C ITEM DESCRIPTION	!D! See Note 1
7009	an..7	C Item description identification	!X! ! !
1131	an..3	C Code list qualifier	!X!
3055	an..3	C Code list responsible agency, coded	!X! ! !
7008	an..35	C Item description	!R!
7008	an..35	C Item description	!D! ! ! ! !
7383	an..3	C SURFACE/LAYER INDICATOR, CODED	!X! ! ! ! !

Note 1: DE C273 ITEM DESCRIPTION
DE 7008 must contain values if DE 7077 = 'F' Free-form

QTY QUANTITY

Function: To specify the total line quantity for which a quotation is being provided.

Usage : D..2

Remarks : 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.

Ref.	Rep.	Name	! EDIFICE UTILISATION
-----+-----			
			! !
C186		M QUANTITY DETAILS	!M!
6063	an..3	M Quantity qualifier	!M! See Note 1
6060	n..15	M Quantity	!M! Total line quantity
6411	an..3	C Measure unit qualifier	!R! See Note 2
-----+-----			

Note 1: DE 6063 QUANTITY QUALIFIER
 '147' Quoted Quantity
 '148' Quoted Delivery Quantity
 (only to be used if delivery quantity is different to
 price quantity)
 '149' Quoted Price Quantity
 (only to be used if price quantity is different to
 delivery quantity)

Use these codes until EDIFACT makes codes available

Note 2: DE 6411 MEASURE UNIT QUALIFIER
 UN/ECE recommendation number 20, 3 alpha code

PCD PERCENTAGE DETAILS

Function: To specify percentage details

Usage : D1

Remarks : This segment may be used to provide the agreed profit percentage and is only expected to be relevant in a Supplier/Distributor relationship.

Ref.	Rep.	Name	! EDIFICE UTILISATION
C501		M PERCENTAGE DETAILS	! !
5245	an..3	M Percentage qualifier	!M! '5' Entry percentage
5482	n..8	C Percentage	!R! Percentage value
5249	an..3	C Percentage basis, coded	!X!
1131	an..3	C Code list qualifier	!X!
3055	an..3	C Code list responsible agency, coded	!X!

FTX FREE TEXT

Function: To provide free form or coded text information.

Usage : 0..5

Remarks : EDIFICE recommends that free text be avoided since it can
inhibit automatic processing.

Ref.	Rep.	Name	! EDIFICE UTILISATION
-----+-----			
			! !
4451	an..3	M TEXT SUBJECT QUALIFIER	!M! 'LIN' Line item
			! !
4453	an..3	C TEXT FUNCTION, CODED	!A! See Note 1
			! !
C107		C TEXT REFERENCE	!X!
4441	an..3	M Free text, coded	! !
1131	an..3	C Code list qualifier	! !
3055	an..3	C Code list responsible agency, coded	! ! ! !
			! !
C108		C TEXT LITERAL	!R!
4440	an..70	M Free text	!M!
4440	an..70	C Free text	!D!
4440	an..70	C Free text	!D!
4440	an..70	C Free text	!D!
4440	an..70	C Free text	!D!
			! !
3453	an..3	C LANGUAGE, CODED	!X!
			! !
-----+-----			

Note 1: DE 4453 TEXT FUNCTION, CODED

'1' Text for subsequent use

The presence of this text does not affect message processing

'3' Text for immediate use

The text must be read before actioning the message

SG26

DETAIL

SEGMENT GROUP 28

Function: A group of segments to provide price information.

Usage : D..4

Remarks : This segment group 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 targetted resale price
- supplier's quoted buy price
- supplier's agreed resale price

--- Segment Group 28 ----- D..4 -----+
PRI Price details M1 -----+

PRI PRICE DETAILS

Function: To specify seller's/buyer's Buy and/or Resale prices.

Usage : M1

Remarks :

Ref.	Rep.	Name	! EDIFICE UTILISATION
-----+-----			
C509		C PRICE INFORMATION	! !
5125 an..3	M	Price qualifier	!R!
5118 n..15	C	Price	!R!
5375 an..3	C	Price type, coded	!R! See Note 2
5387 an..3	C	Price type qualifier	!X!
5284 n..9	C	Unit price basis	!R!
6411 an..3	C	Measure unit qualifier	!R! See Note 3
-----+-----			
5213 an..3	C	SUB-LINE PRICE CHANGE, CODED	!X! ! ! ! !
-----+-----			

Note 1: DE 5125 PRICE QUALIFIER
 'RES' Resale price
 'BUY' Buy price
 Use this code until EDIFACT makes a code available

Note 2: DE 5375 PRICE TYPE, CODED
 'BY' Buyer
 'SE' Seller
 Use these codes until EDIFACT makes codes available

Note 3: DE 6411 MEASURE UNIT QUALIFIER
 UN/ECE recommendation number 20, 3 alpha code

SG26

DETAIL

SEGMENT GROUP 29

Function: A group of segments to provide references associated with the quotation line.

Usage : D1

Remarks : This segment group should be used to return the buyers Request for Quote Item Line Number as transmitted by the Buyer (in the detail RFF segment in the Request for Quotation message).

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 (Seg Grp 29).

--- Segment Group 29 ----- D1 -----+
RFF Reference M1 -----+

RFF REFERENCE

Function: To specify a reference

Usage : M1

Remarks :

Ref.	Rep.	Name	!	EDIFICE UTILISATION
-----			+	-----
C506		M REFERENCE	!	!
1153 an..3	M	Reference qualifier	!M!	See Note 1
1154 an..35	C	Reference number	!X!	
1156 an..6	C	Line number	!R!	Buyer's item line number
4000 an..35	C	Reference version number	!X!	
-----			+	-----

Note 1: DE 1153 REFERENCE QUALIFIER
'LI' Line item reference number

SG26

DETAIL

SEGMENT GROUP 36

Function: To describe the item packaging

Usage : 01

Remarks : This segment group may be used where alternative packaging
 methods are agreed between trading partners.

--- Segment Group 36 ----- 01 -----+
PAC Package M1 -----+

PAC PACKAGE

Function: To describe the item packaging.

Usage : M1

Remarks :

Ref.	Rep.	Name	! EDIFICE UTILISATION
7224	n..8	C NUMBER OF PACKAGES	! ! !X! ! !
C531		C PACKAGING DETAILS	!X! ! !
7075	an..3	C Packaging level, coded	! !
7233	an..3	C Packaging related information, coded	! ! ! !
7073	an..3	C Packaging terms and conditions, coded	! ! ! ! ! !
C202		C PACKAGE TYPE	!R!
7065	an..7	C Type of packages identification	!R! See Note 1 ! !
1131	an..3	C Code list qualifier	!X!
3055	an..3	C Code list responsible agency, coded	!X! ! !
7064	an..35	C Type of packages	!X! ! !
C402		C PACKAGE TYPE IDENTIFICATION	!X! ! !
7077	an..3	M Item description type, coded	! ! ! !
7064	an..35	M Type of packages	! !
7143	an..3	C Item number type, coded	! !
7064	an..35	C Type of packages	! !
7143	an..3	C Item number type, coded	! ! ! !
C532		C RETURNABLE PACKAGE DETAILS	!X! ! !
8395	an..3	C Returnable package freight payment responsibility, coded	! ! ! ! ! !
8393	an..3	C Returnable package load contents, coded	! ! ! ! ! !

Note 1: DE 7065 TYPE OF PACKAGES IDENTIFICATION
See ECE recommendation number 21, alpha codes

SG26

DETAIL

SEGMENT GROUP 50

Function: To specify the scheduling conditions which may be associated
with a delivery quotation or a price and delivery quotation.

Usage : D..100

Remarks : This segment group is not expected to be used when replying to
a Request for Quotation of price only.

```
--- Segment Group 50 ----- D..100 -----+
SCC   Scheduling conditions           M1                      !
                                           !
--- Segment Group 51 ----- R1 -----+ !
QTY   Quantity                       M1                      ! !
DTM   Date/time/period               R1 -----+ +
```

SG50

DETAIL

SCC SCHEDULING CONDITIONS

Function: To specify the type of schedule
Usage : M1
Remarks :

Ref.	Rep.	Name	!	EDIFICE UTILISATION
4017	an..3	M DELIVERY PLAN STATUS INDICATOR, CODED	!M!	'1' Firm
4493	an..3	C DELIVERY REQUIREMENTS, CODED	!X!	
C329		C PATTERN DESCRIPTION	!X!	
2013	an..3	C Frequency, coded	! !	
2015	an..3	C Despatch pattern, coded	! !	
2017	an..3	C Despatch pattern timing, coded	! !	

SG50

DETAIL

SEGMENT GROUP 51

Function: A group of segments specifying quantities and dates for which
 a delivery or price and delivery quotation is being provided.

Usage : R1

Remarks :

---	Segment Group	51	-----	R1	-----	+
QTY	Quantity			M1		!
DTM	Date/time/period			R1	-----	+

QTY QUANTITY

Function: To specify the quantity for which a delivery quotation is being provided.

Usage : M1

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

Ref.	Rep.	Name	! EDIFICE UTILISATION
-----			+ +-----
			! !
C186		M QUANTITY DETAILS	!M!
6063 an..3	M	Quantity qualifier	!M! See Note 1
6060 n..15	M	Quantity	!M!
6411 an..3	C	Measure unit qualifier	!X!
-----			+ +-----

Note 1: DE 6063 QUANTITY QUALIFIER
'147' Quoted Quantity
Should only be used if DE6063 in QTY segment (SG 26) =
'147'
'148' Quoted Delivery Quantity

Use these codes until EDIFACT makes codes available

DTM DATE/TIME/PERIOD

Function: To specify the delivery dates for which a quotation is being provided.

Usage : R1

Remarks :

Ref.	Rep.	Name	! EDIFICE UTILISATION
			! !
C507		M DATE/TIME/PERIOD	!M!
2005 an..3	M	Date/time/period qualifier	!M! See Note 1 ! !
2380 an..35	C	Date/time/period	!R! Date
2379 an..3	C	Date/time/period format qualifier	!R! See Note 2 ! !
			! !

Note 1: DE 2005 DATE/TIME/PERIOD QUALIFIER
'344' Quoted Delivery Date
Use this code until EDIFACT makes a code available

Note 2: DE 2379 DATE/TIME/PERIOD FORMAT QUALIFIER
'101' YYMMDD
'102' CCYYMMDD

UNS SECTION CONTROL

Function : To separate the detail section of the QUOTES from the summary
section.

Usage : M1

Remarks :

Ref. Rep.	Name	! EDIFICE UTILISATION
-----	-----	+-----
		! !
0081 a1	M SECTION IDENTIFICATION	!M! 'S' Start of summary
		! !
-----	-----	+-----

UNT MESSAGE TRAILER

Function : To end and enable checking of the completeness of a message.
Usage : M1
Remarks : Refer to EDIFICE utilisation of the EDIFACT service segments,
Issue 2.

Ref. Rep.	Name	! EDIFICE UTILISATION
		! !
0074 n..6	M NUMBER OF SEGMENTS IN A MESSAGE	!M! ! ! ! !
0062 an..14	M MESSAGE REFERENCE NUMBER	!M! ! !

EXAMPLES

EXAMPLE 1 PRICE QUOTATION

UNH+1+QUOTES:1:921:UN:ED1'
BGM+361+Q001+34'
DTM+137:930402:101'
DTM+36:930601:101'
DTM+38:930501:101'
RFF+BQ:RFQ1'
CUX+6:GBP:20'
NAD+SE+SUPPLIER CORP::91'
LIN+1+6+WIDGET:IN::92'
IMD++3'
QTY+147:1100:PCE'
PRI+BUY:25.50:SE::1:PCE'
RFF+LI::001'
UNS+S'
UNT+15+1'

EXAMPLE 2 PRICE AND DELIVERY QUOTATION

UNH+1+QUOTES:1:921:UN:ED1'
BGM+363+Q003+34'
DTM+137:930402:101'
DTM+157:930406:101'
DTM+36:930706:101'
ALI+++110'
RFF+BQ:RFQ3'
CUX+6:USD:20'
NAD+SE+SUPPLIER GMBH::91'
LIN+1+6+PRODUCT:IN::91'
QTY+148:1000:PCE'
QTY+149:1500:PCE'
PRI+BUY:55.10:BY::1:PCE'
RFF+L1::1'
SCC+1'
QTY+148:1000'
DTM+344:930510:101'
LIN+2+5+ITEM CODE:IN::91'
RFF+LI::2'
UNS+S'
UNT+21+1'

EXAMPLE 3 DELIVERY QUOTATION

UNH+1+QUOTES:1:921:UN:ED1'
BGM+362+Q002+29'
DTM+137:930402:101'
RFF+BQ:RFQ2'
NAD+SE:SUPPLIER::91'
LIN+1+5+ITEM ABC:IN::92'
UNS+S'
UNT+8+1'

EXAMPLE 4 SHIP & DEBIT PRICE QUOTATION

UNH+1+QUOTES:1:921:UN:ED1'
BGM+368+Q0006+34'
DTM+137:930402:101'
DTM+36:930801:101'
RFF+BQ:RFQ4'
CUX+6:GBP:20+7:GBP:18'
NAD+SE+SUPPLIER LTD::91'
LIN+1+6+MATH COPROCESSOR:SA::91'
QTY+147:75:PCE'
PCD+6:29.5'
PRI+BUY:63.80:SE::1:PCE'
PRI+RES:90.50:BY::1:PCE'
RFF+LI::1'
UNS+S'
UNT+15+1'

EXAMPLE 5 SHIP & DEBIT PRICE QUOTATION

 (Authorisation)

UNH+1+QUOTES:1:921:UN:ED1'
BGM+368+Q0006A+32'
DTM+137:930404:101'
DTM+36:930801:101'
RFF+BQ:RFQ4'
NAD+SE+SUPPLIER LTD::91'
LIN+1+5+MATH COPROCESSOR:SA::91'
UNS+S'
UNT+9+1'