

EDIFICE IMPLEMENTATION GUIDELINE

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SALES REPORT MESSAGE

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ISSUE EDSR02

ENDORSED 18 NOVEMBER 1998

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BASED ON

UN/EDIFACT D.97A SLSRPT MESSAGE

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COMPARISON TO PREVIOUS ISSUES

Changes compared to Issue EDSR01 of the Sales Report Message endorsed on 4 March 1998:

- SG15 - RFF occurrence has been changed from M..6 to M1 conform the UN/EDIFACT message design rules.

SLSRPT issue EDSR01 compared to the EDIFICE Resale Report document, Issue 1, endorsed on 29 November 1991

- New message structure/looping to support efficient processing by the removal of redundant NAD data (through the introduction of a DOC segment),
- Provision to support the reporting of discrete resale data only or the reporting of combined resale & claim data,
- Provision to support an intermediate end customer,
- Provision to support visibility of financial adjustments,
- Provision to support visibility of A to B transfers,
- Recast from the 90.1 version of the UN/EDIFACT directory to the D.97A version,
- 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

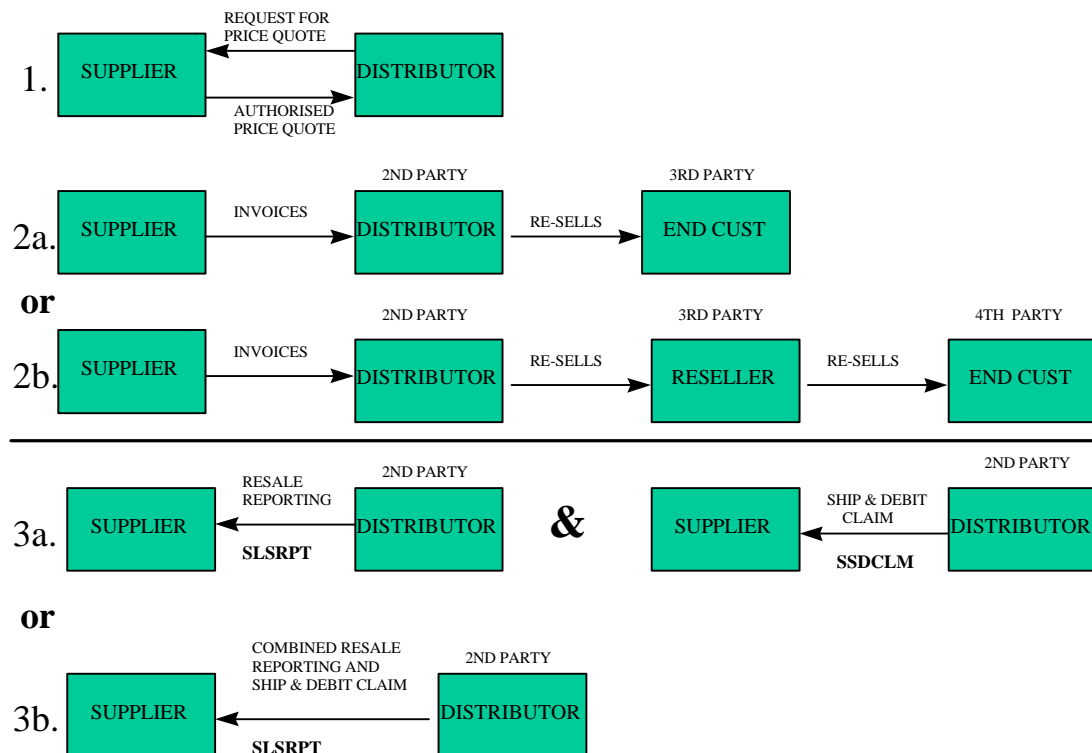
Compliance with UN/EDIFACT SLSRPT

The header section of the EDIFICE SLSRPT message is fully compliant with the corresponding section of the UN/EDIFACT SLSRPT message.

The detail section, SG13 however, must be seen as a third option, mutually exclusive with the present SG5 and SG9 functionality. EDIFICE will raise a DMR in order to have its specific requirements included in a future issue of the UN/EDIFACT SLSRPT message.

The SLSRPT message is designed to facilitate the provision of information between a manufacturer's agent (commonly referred to as a distributor) and the manufacturer (commonly referred to as a supplier) to identify those of the supplier's products (and supporting related data) which have been sold onto or credited to a third/fourth party end customer during specified time periods.

The diagrams below detail the business flow common to the supplier/distributor environment within the Electronic Components Industry:



The SLSRPT message supports Points **3a.** and **3b.** of the business flow above and is designed to transport information related to uniquely identified products. This information comprises but is not limited to:

- Product information,
- Activity periods,
- Resale, pricing and monetary information,
- Seller, buyer and end customer information.

The following details common business practices adopted within the supplier/distributor environment. They can all be captured and supported by the SLSRPT message:

"End Customer"

Visibility of the sales chain is typically restricted to the third party end customer; however there may be instances where name and address related data only is required of the fourth party end customer.

"Ship & Debit"

The distributor will hold inventory of the supplier's products (purchased by the distributor at a fixed price). Where the distributor's "planned" margin (profit on the Resale) is not achieved, the supplier may give a dispensation to the distributor for that price and support the distributor's margin via a pre-approved price quote (at time of invoicing by the distributor to the end customer). In these situations the distributor may then subsequently claim for the price delta between the supplier's invoiced price (fixed) and the supplier's previously authorised price quote.

The SLSRPT message may be used to support the above described "Ship & Debit" claim process BUT only where the claim is combined with the resale activity. This is managed by the provision of additional related data. The utilisation of the combined SLSRPT (resale & claim) message or the discrete SLSRPT (resale only) message and SSDCLM (claim only) message is mutually agreed between trading partners.

"A to B Transfers"

When a supplier is unable to fulfil a distributor's purchase order request (for immediate shipment) but another franchised distributor of that same supplier has free stock of the required product available on his shelf, an A to B transfer will be affected. The resulting data within the SLSRPT message will be used by the supplier to track intra-distributor and inter-distributor product movement and to make appropriate in-house adjustments.

Intra: ("Far & Wide" [distributor] in the UK sells onto "Far & Wide" [distributor] in Germany.



Inter: ("Far & Wide" [distributor] in the UK sells onto "Dream On" [distributor] in Italy.



"Financial Adjustments"

There are instances where the distributor may debit or credit his end customer with no physical shipment or return of product involved. In these situations the distributor is required to report monetary values as opposed to unit quantities.

REFERENCES

UN/EDIFACT DIRECTORY D.97A 1996-12-10

- DRAFT RECOMMENDATION SALES REPORT MESSAGE
 - Message Type : SLSRPT
 - Version : D
 - Release : 97A
 - Controlling Agency : UN
 - Revision : 7
 - Date : 96-12-13
- DATA SEGMENTS DIRECTORY
- COMPOSITE DATA ELEMENTS DIRECTORY
- DATA ELEMENTS DIRECTORY
- CODE LISTS

ISO Standards

- ISO 9735 UN/EDIFACT - Applications level syntax rules
 - First edition 1988-07-15
 - Amended and Reprinted 1990-11-15
 - ISO 3166 Code for the Representation of Names of Countries
 - Date : 1993
 - ISO 4217 Code for the Representation of Currencies and Funds
 - Date : 1995
- See also web-site : <http://www.iso.ch>

UN/ECE Recommendations

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

EDIFICE

- Documentation Rules for EDIFICE Implementation Guidelines
 - Issue : 3
 - Date : 1998-06-03
- EDIFICE Utilisation of the UN/EDIFACT Service Segments
 - Issue : 4
 - Date : 1998-18-11
- EDIFICE Utilisation of the Time Zone specification
 - Issue : 1
 - Date : 1998-18-11

EXPLANATORY NOTES

General

The following abbreviations are used within this document:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

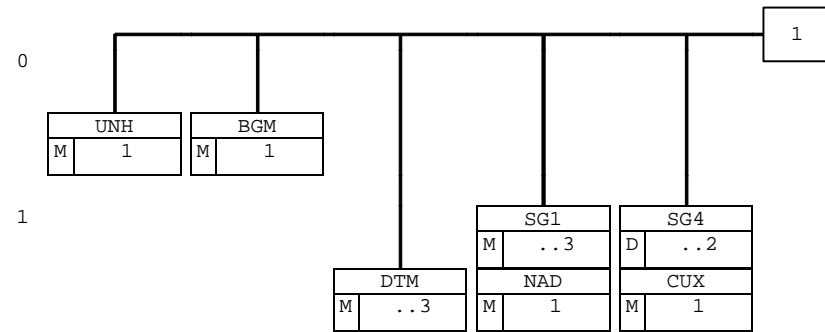
Numeric Class	Representation Digits	Integer Digits	Decimals
Dimensions	n..18	15	3
Quantities	n..15	12	3
Volumes	n..18	15	3
Weights	n..18	15	3
Unit Prices	n..15	11	4
Amounts	n..18	15	3
Currency Rates	n..12	6	6
Percentages	n..8	3	5

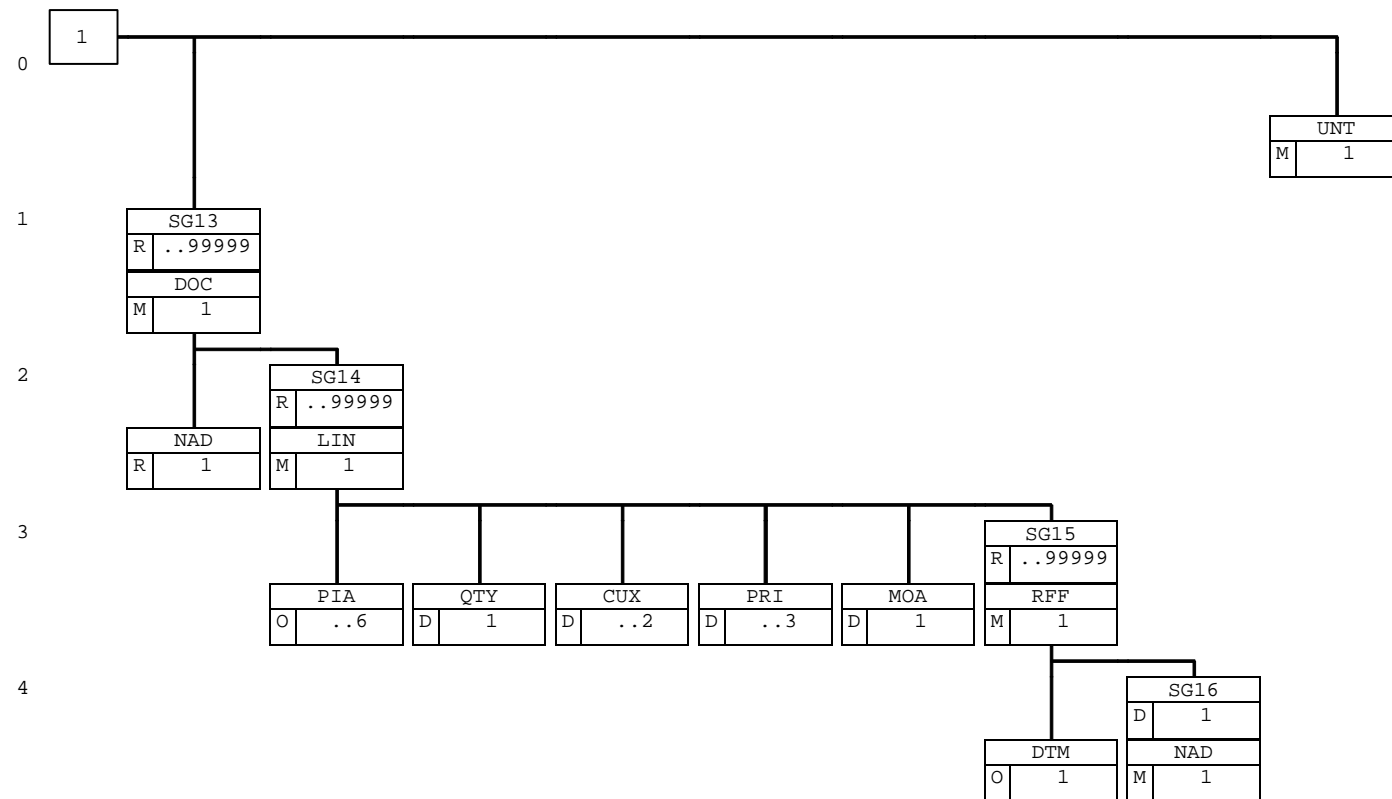
EDIFICE recommends that where there are significant decimals, these are explicitly stated using a decimal mark in a character position. Similarly the minus sign should be used to explicitly state a negative value.

MESSAGE STRUCTURE CHART

	UNH	MESSAGE HEADER	M1
	BGM	BEGINNING OF MESSAGE	M1
	DTM	DATE/TIME/PERIOD	M..3
	SG1		M..3
	NAD	NAME AND ADDRESS	M1
	SG4		D..2
	CUX	CURRENCIES	M1
	SG13		R..99999
	DOC	DOCUMENT/MESSAGE DETAILS	M1
	NAD	NAME AND ADDRESS	R1
	SG14		R..99999
	LIN	LINE ITEM	M1
	PIA	ADDITIONAL PRODUCT ID	0..6
	QTY	QUANTITY	D1
	CUX	CURRENCIES	D..2
	PRI	PRICE DETAILS	D..3
	MOA	MONETARY AMOUNT	D1
	SG15		R..99999
	RFF	REFERENCE	M1
	DTM	DATE/TIME/PERIOD	O1
	SG16		D1
	NAD	NAME AND ADDRESS	M1
	UNT	MESSAGE TRAILER	M1

BRANCHING DIAGRAM





SEGMENT GROUPS/SEGMENTS DESCRIPTION

UNH MESSAGE HEADER

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

BGM BEGINNING OF MESSAGE

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

DTM DATE/TIME/PERIOD

Function: A segment specifying the date/time of creation of the message, and other dates relevant to the whole message.
Usage : M..3

SG1 NAD

Function: A group of segments identifying the parties involved.
Usage : M..3
Notes : The NAD segments identifying the buyer and seller must be present.

NAD NAME AND ADDRESS

Function: A segment identifying the function and coded identification, name and address of a party involved.
Usage : M1

SG4 CUX

Function: A group of segments specifying the currencies, valid for the whole report.
Usage : D..2
Notes : One CUX segment specifying the invoicing currency should be present either at header level or detail level. If given at detail level, it must not appear here.

CUX CURRENCIES

Function: A segment specifying a currency for all prices and amounts.
Usage : M1

SG13 DOC-NAD-SG14

Function: A group of segments providing transaction details of the documents within the message. Transactions can be a result of movement of goods or financial adjustments.
Usage : R..99999
Notes : The following matrix defines how the four different business scenarios should be accommodated within the SLSRPT message:

	DOC	QTY	PRI	MOA
	----	----	----	----
Debit; financial adjustment only (Distributor bills ultimate or intermediate customer; no physical product movement)	'80'	N	N	R
Credit; financial adjustment only (Distributor credits ultimate or intermediate customer; no physical product movement)	'381'	N	N	R
Invoice (Distributor bills ultimate or intermediate customer; physical product movement)	'380'	R	R	N
Credit (Distributor credits ultimate or intermediate customer; physical product movement)	'381'	R	R	N

DOC DOCUMENT/MESSAGE DETAILS

Function: A segment specifying a document relative to the transaction.

Usage : M1

NAD NAME AND ADDRESS

Function: A segment identifying the third party with whom the transaction was made.

Usage : R1

SG14 LIN-PIA-QTY-CUX-PRI-MOA-SG15

Function: A group of segments providing details of the individual line items of the specified document.

Usage : R..99999

Notes : The PRI and QTY segments must be specified when the transaction refers to a physical movement of goods.

The MOA segment will only occur when the transaction is a financial adjustment.

The use of segments QTY, PRI and MOA is as specified in the matrix in the notes of SG13.

One CUX segment specifying the invoicing currency should be present either at header level or detail level. If given at header level, it must not appear here.

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 : 0..6

QTY QUANTITY

Function: A segment specifying the quantity for the line item.

Usage : D1

CUX CURRENCIES

Function: A segment specifying the currency of the specified document.

Usage : D..2

PRI PRICE DETAILS

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

Usage : D..3

MOA MONETARY AMOUNT

Function: A segment specifying the monetary amount related to the line item.

Usage : D1

SG15 RFF-DTM-SG16

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

Usage : R..99999

Notes : SG16 is only used to specify the ultimate party if different from the third party.

RFF REFERENCE

Function: A segment specifying a document reference number.

Usage : M1

DTM DATE/TIME/PERIOD

Function: A segment specifying the date/time of the reference document.
Usage : 01

SG16 NAD

Function: A group of segments identifying the ultimate parties related to the transaction.
Usage : D1
Notes :

NAD NAME AND ADDRESS

Function: A segment identifying the function and coded identification, name and address of the
ultimate party involved.
Usage : M1

UNT MESSAGE TRAILER

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

UNH MESSAGE HEADER

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

Usage : M1

Notes : Refer to EDIFICE Utilisation of the UN/EDIFACT Service Segments, Issue 3.

Ref.	Rep.	Name	EDIFICE Utilisation	
0062	an..14	M MESSAGE REFERENCE NUMBER	M	Transmission message count from 1
S009		M MESSAGE IDENTIFIER	M	
0065	an..6	M Message type identifier	M	SLSRPT
0052	an..3	M Message type version number	M	D
0054	an..3	M Message type release number	M	97A
0051	an..2	M Controlling agency	M	ED
0057	an..6	C Association assigned code	R	EDSR02
0068	an..35	C COMMON ACCESS REFERENCE	N	
S010		C STATUS OF THE TRANSFER	N	
0070	n..2	M Sequence message transfer number		
0073	a1	C First/last sequence message transfer indication		

BGM BEGINNING OF MESSAGE

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

Usage : M1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
C002		C DOCUMENT/MESSAGE NAME	R	
1001	an..3	C Document/message name, coded	R	RES = Resale information only RAC = Resale information and ship from stock and debit claim information Use these codes until UN/EDIFACT makes codes available
1131	an..3	C Code list qualifier	N	
3055	an..3	C Code list responsible agency, coded	N	
1000	an..35	C Document/message name	N	
C106		C DOCUMENT/MESSAGE IDENTIFICATION	R	
1004	an..35	C Document/message number	R	
1056	an..9	C Version	N	
1060	an..6	C Revision number	N	
1225	an..3	C MESSAGE FUNCTION, CODED	A	9 = Original
4343	an..3	C RESPONSE TYPE, CODED	N	

DTM DATE/TIME/PERIOD

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

Usage : M..3

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
C507		M DATE/TIME/PERIOD	M	
2005	an..3	M Date/time/period qualifier	M	90 = Report start date 91 = Report end date 137 = Document/message date/time Date when the document is created
2380	an..35	C Date/time/period	R	
2379	an..3	C Date/time/period format qualifier	R	102 = CCYYMMDD 203 = CCYYMMDDHHMM 303 = CCYYMMDDHHMMZZZ ZZZ = Time zone X03 = CCYYMMDDHHMMZZZZZ ZZZZZ = Time zone Use this code until UN/EDIFACT makes one available

SG1 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	an..3	M PARTY QUALIFIER	M	BY = Buyer DP = Delivery party SE = Seller
C082		C PARTY IDENTIFICATION DETAILS	A	
3039	an..35	M Party id. identification	M	
1131	an..3	C Code list qualifier	N	
3055	an..3	C Code list responsible agency, coded	R	9 = EAN (International Article Numbering association) 16 = DUNS (Dun & Bradstreet) 91 = Assigned by seller or seller's agent 92 = Assigned by buyer or buyer's agent
C058		C NAME AND ADDRESS	D	
3124	an..35	M Name and address line	M	
3124	an..35	C Name and address line	O	
3124	an..35	C Name and address line	O	
3124	an..35	C Name and address line	O	
3124	an..35	C Name and address line	O	
C080		C PARTY NAME	D	
3036	an..35	M Party name	M	
3036	an..35	C Party name	O	
3036	an..35	C Party name	O	
3036	an..35	C Party name	O	
3036	an..35	C Party name	O	
3045	an..3	C Party name format, coded	N	
C059		C STREET	D	
3042	an..35	M Street and number/p.o. box	M	
3042	an..35	C Street and number/p.o. box	O	
3042	an..35	C Street and number/p.o. box	O	
3042	an..35	C Street and number/p.o. box	O	
3164	an..35	C CITY NAME	D	
3229	an..9	C COUNTRY SUB-ENTITY IDENTIFICATION	D	
3251	an..9	C POSTCODE IDENTIFICATION	D	
3207	an..3	C COUNTRY, CODED	D	Use ISO 3166, 2 alpha code

SG4 CUX

CUX CURRENCIES

Function: A segment specifying a currency for all prices and amounts.

Usage : M1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
C504		C CURRENCY DETAILS	R	
6347	an..3	M Currency details qualifier	M	2 = Reference currency
6345	an..3	C Currency, coded	R	Use ISO 4217, 3 alpha code
6343	an..3	C Currency qualifier	R	4 = Invoicing currency Distributor to end-customer currency
				9 = Order currency Supplier to distributor currency
6348	n..4	C Currency rate base	N	
C504		C CURRENCY DETAILS	N	
6347	an..3	M Currency details qualifier		
6345	an..3	C Currency, coded		
6343	an..3	C Currency qualifier		
6348	n..4	C Currency rate base		
5402	n..12	C RATE OF EXCHANGE	N	
6341	an..3	C CURRENCY MARKET EXCHANGE, CODED	N	

SG13 DOC-NAD-SG14

DOC DOCUMENT/MESSAGE DETAILS

Function: A segment specifying a document relative to the transaction.

Usage : M1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
C002		M DOCUMENT/MESSAGE NAME	M	
1001	an..3	C Document/message name, coded	R	80 = Debit note 380 = Invoice 381 = Credit note
1131	an..3	C Code list qualifier	N	
3055	an..3	C Code list responsible agency, coded	N	
1000	an..35	C Document/message name	N	
C503		C DOCUMENT/MESSAGE DETAILS	N	
1004	an..35	C Document/message number		
1373	an..3	C Document/message status, coded		
1366	an..35	C Document/message source		
3453	an..3	C Language, coded		
3153	an..3	C COMMUNICATION CHANNEL IDENTIFIER, CODED	N	
1220	n..2	C NUMBER OF COPIES OF DOCUMENT REQUIRED	N	
1218	n..2	C NUMBER OF ORIGINALS OF DOCUMENT REQUIRED	N	

SG13 DOC-NAD-SG14

NAD NAME AND ADDRESS

Function: A segment identifying the third party with whom the transaction was made.

Usage : R1

Notes : The third party is usually the ultimate customer but in some cases, this party specifies an intermediate party. In this case DE 3035 = 'IK' and SG16 containing the ultimate party identification must be present.
It is advised that the party identification CO C082 be used. When CO C082 cannot be used it is recommended to use the structured name and address CO C080 through DE 3207 rather than the unstructured one CO C058.

Ref.	Rep.	Name	EDIFICE Utilisation	
3035	an..3	M PARTY QUALIFIER	M	PC = Actual purchaser's customer AD = Intra-distributor movement (*) IK = Intermediate customer (*) RD = Inter-distributor movement (*) (*) Use these codes until UN/EDIFACT makes codes available
C082		C PARTY IDENTIFICATION DETAILS	A	
3039	an..35	M Party id. identification	M	
1131	an..3	C Code list qualifier	N	
3055	an..3	C Code list responsible agency, coded	R	9 = EAN (International Article Numbering association) 16 = DUNS (Dun & Bradstreet) 91 = Assigned by seller or seller's agent 92 = Assigned by buyer or buyer's agent
C058		C NAME AND ADDRESS	D	
3124	an..35	M Name and address line	M	
3124	an..35	C Name and address line	O	
3124	an..35	C Name and address line	O	
3124	an..35	C Name and address line	O	
3124	an..35	C Name and address line	O	
C080		C PARTY NAME	D	
3036	an..35	M Party name	M	
3036	an..35	C Party name	O	
3036	an..35	C Party name	O	
3036	an..35	C Party name	O	
3036	an..35	C Party name	O	
3045	an..3	C Party name format, coded	N	
C059		C STREET	D	
3042	an..35	M Street and number/p.o. box	M	
3042	an..35	C Street and number/p.o. box	O	
3042	an..35	C Street and number/p.o. box	O	
3042	an..35	C Street and number/p.o. box	O	
3164	an..35	C CITY NAME	D	
3229	an..9	C COUNTRY SUB-ENTITY IDENTIFICATION	D	
3251	an..9	C POSTCODE IDENTIFICATION	D	
3207	an..3	C COUNTRY, CODED	D	Use ISO 3166, 2 alpha code

SG14 LIN-PIA-QTY-CUX-PRI-MOA-SG15

LIN LINE ITEM

Function: A segment identifying a line item by its item number, and agreed to be the primary reference number between the buyer and seller.
The segment also carries a sequence number assigned to the line item within the message.

Usage : M1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
1082	an..6	C LINE ITEM NUMBER	R	It is required to assign a number to the line items within a message. The number is assigned by the sender of the message. The first line item within a message will be numbered 1 and further line items will be incremented by 1 for each new line.
1229	an..3	C ACTION REQUEST/NOTIFICATION, CODED	R	30 = Resale and claim 31 = Resale only Use these codes until UN/EDIFACT makes codes available.
C212		C ITEM NUMBER IDENTIFICATION	R	
7140	an..35	C Item number	R	Primary reference
7143	an..3	C Item number type, coded	R	BP = Buyer's part number EN = International Article Numbering Association (EAN) UP = UPC (Universal product code) VP = Vendor's (seller's) part number
1131	an..3	C Code list qualifier	N	
3055	an..3	C Code list responsible agency, coded	R	9 = EAN (International Article Numbering association) 91 = Assigned by seller or seller's agent 92 = Assigned by buyer or buyer's agent 113 = US, UCC (Uniform Code Council)
C829		C SUB-LINE INFORMATION	N	
5495	an..3	C Sub-line indicator, coded		
1082	an..6	C Line item number		
1222	n..2	C CONFIGURATION LEVEL	N	
7083	an..3	C CONFIGURATION, CODED	N	

SG14 LIN-PIA-QTY-CUX-PRI-MOA-SG15

PIA ADDITIONAL PRODUCT ID

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

Usage : 0..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	an..3	M PRODUCT ID. FUNCTION QUALIFIER	M	1 = Additional identification
C212		M ITEM NUMBER IDENTIFICATION	M	
7140	an..35	C Item number	R	
7143	an..3	C Item number type, coded	R	BP = Buyer's part number CV = Customs article number EN = International Article Numbering Association (EAN) UP = UPC (Universal product code) VP = Vendor's (seller's) part number
1131	an..3	C Code list qualifier	N	
3055	an..3	C Code list responsible agency, coded	R	9 = EAN (International Article Numbering association) 91 = Assigned by seller or seller's agent 92 = Assigned by buyer or buyer's agent 113 = US, UCC (Uniform Code Council)
C212		C ITEM NUMBER IDENTIFICATION	O	As for first CO C212
7140	an..35	C Item number	R	
7143	an..3	C Item number type, coded	R	
1131	an..3	C Code list qualifier	N	
3055	an..3	C Code list responsible agency, coded	R	
C212		C ITEM NUMBER IDENTIFICATION	O	As for first CO C212
7140	an..35	C Item number	R	
7143	an..3	C Item number type, coded	R	
1131	an..3	C Code list qualifier	N	
3055	an..3	C Code list responsible agency, coded	R	
C212		C ITEM NUMBER IDENTIFICATION	O	As for first CO C212
7140	an..35	C Item number	R	
7143	an..3	C Item number type, coded	R	
1131	an..3	C Code list qualifier	N	
3055	an..3	C Code list responsible agency, coded	R	
C212		C ITEM NUMBER IDENTIFICATION	O	As for first CO C212
7140	an..35	C Item number	R	
7143	an..3	C Item number type, coded	R	
1131	an..3	C Code list qualifier	N	
3055	an..3	C Code list responsible agency, coded	R	

SG14 LIN-PIA-QTY-CUX-PRI-MOA-SG15

QTY QUANTITY

Function: A segment specifying the quantity for the line item.

Usage : D1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
C186		M QUANTITY DETAILS	M	
6063	an..3	M Quantity qualifier	M	1 = Discrete quantity
6060	n..15	M Quantity	M	
6411	an..3	C Measure unit qualifier	R	Use the following codes from UN/ECE Recommendation no.20, Codes for Units of Measurement: CLT = centilitre CMT = centimetre GRM = gram KGM = kilogram KMT = kilometre LTR = litre MGM = milligram MMT = millimetre MTK = square metre MTQ = cubic metre MTR = metre PCE = piece Other codes should be previously agreed between trading partners.

SG14 LIN-PIA-QTY-CUX-PRI-MOA-SG15

CUX CURRENCIES

Function: A segment specifying the currency of the specified document.

Usage : D..2

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
C504		C CURRENCY DETAILS	R	
6347	an..3	M Currency details qualifier	R	2 = Reference currency
6345	an..3	C Currency, coded	R	Use ISO 4217, 3 alpha code
6343	an..3	C Currency qualifier	R	4 = Invoicing currency Distributor to end-customer currency
				9 = Order currency Supplier to distributor currency
6348	n..4	C Currency rate base	N	
C504		C CURRENCY DETAILS	N	
6347	an..3	M Currency details qualifier		
6345	an..3	C Currency, coded		
6343	an..3	C Currency qualifier		
6348	n..4	C Currency rate base		
5402	n..12	C RATE OF EXCHANGE	N	
6341	an..3	C CURRENCY MARKET EXCHANGE, CODED	N	

SG14 LIN-PIA-QTY-CUX-PRI-MOA-SG15

PRI PRICE DETAILS

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

Usage : D..3

Notes : Catalogue price and new buy price are specified with the order currency. Resale price is specified with the invoicing currency.

Ref.	Rep.	Name	EDIFICE Utilisation
C509		C PRICE INFORMATION	R
5125	an..3	M Price qualifier	M AAA = Calculation net
5118	n..15	C Price	R
5375	an..3	C Price type, coded	R CA = Catalogue Stocking price used between the buyer and seller. NBP = New buy price (*) Re-negotiated buy price between the buyer and the seller. RES = Resale price (*) Price used between the buyer and the end-customer in either an invoice or credit situation. (*) Use these codes until UN/EDIFACT makes codes available
5387	an..3	C Price type qualifier	N
5284	n..9	C Unit price basis	R
6411	an..3	C Measure unit qualifier	R Use the following codes from UN/ECE Recommendation no.20, Codes for Units of Measurement: CLT = centilitre CMT = centimetre GRM = gram KGM = kilogram KMT = kilometre LTR = litre MGM = milligram MMT = millimetre MTK = square metre MTQ = cubic metre MTR = metre PCE = piece Other codes should be previously agreed between trading partners.
5213	an..3	C SUB-LINE PRICE CHANGE, CODED	N

SG14 LIN-PIA-QTY-CUX-PRI-MOA-SG15

MOA MONETARY AMOUNT

Function: A segment specifying the monetary amount related to the line item.

Usage : D1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
C516		M MONETARY AMOUNT	M	
5025	an..3	M Monetary amount type qualifier	R	244 = Price adjustment amount
5004	n..18	C Monetary amount	R	
6345	an..3	C Currency, coded	N	
6343	an..3	C Currency qualifier	N	
4405	an..3	C Status, coded	N	

SG15 RFF-DTM-SG16

RFF REFERENCE

Function: A segment specifying a document reference number.

Usage : M1

Notes : If DE 1001 in BGM = 'RAC', then qualifiers 'AU' and 'DM' must be present.

If DE 1001 in BGM = 'RES', then qualifier 'DM' must be present.

Ref.	Rep.	Name	EDIFICE Utilisation	
C506		M REFERENCE	R	
1153	an..3	M Reference qualifier	M	<p>ACD = Additional reference number DE 1154: (R) DE 1156: (O)</p> <p>AU = Authorization to meet competition No. Authorisation/quote number. DE 1154: Authorisation number (R) DE 1156: Authorisation line number (O)</p> <p>DCN = Distributor claim number Debit note assigned by the distributor to be used by the supplier as reference to a claim line. (Not to be confused with the debit note at DOC level) DE 1154: Distributor claim number (O) DE 1156: Distributor claim line number (R) Use this code until UN/EDIFACT makes one available.</p> <p>DM = Document number Used to specify the invoice, credit note or debit note. DE 1154: Invoice, credit note or debit note number (R) DE 1156: Invoice, credit note or debit note line number (R)</p> <p>LI = Line item reference number Line item number that can be referenced in the Ship from Stock & Debit Response message. DE 1154: (N) DE 1156: Line item reference number (R)</p> <p>ON = Order number (purchase) Order number that specifies the back-to- back purchase order and purchase order line number. DE 1154: back-to-back PO number DE 1156: back-to-back PO line number</p>
1154	an..35	C Reference number	D	See DE 1153
1156	an..6	C Line number	D	See DE 1153
4000	an..35	C Reference version number	N	

SG15 RFF-DTM-SG16**DTM DATE/TIME/PERIOD**

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

Usage : 01

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation	
C507		M DATE/TIME/PERIOD	M	
2005	an..3	M Date/time/period qualifier	M	171 = Reference date/time
2380	an..35	C Date/time/period	R	
2379	an..3	C Date/time/period format qualifier	R	102 = CCYYMMDD 203 = CCYYMMDDHHMM 303 = CCYYMMDDHHMMZZZ ZZZ = Time zone X03 = CCYYMMDDHHMMZZZZZ ZZZZZ = Time zone Use this code until UN/EDIFACT makes one available

SG16 NAD

NAD NAME AND ADDRESS

Function: A segment identifying the function and coded identification, name and address of the ultimate 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 QUALIFIER	M	MA = Party for whom item is ultimately intended
C082		C PARTY IDENTIFICATION DETAILS	A	
3039	an..35	M Party id. identification	M	Ultimate party identification
1131	an..3	C Code list qualifier	N	
3055	an..3	C Code list responsible agency, coded	R	9 = EAN (International Article Numbering association) 16 = DUNS (Dun & Bradstreet) 91 = Assigned by seller or seller's agent 92 = Assigned by buyer or buyer's agent
C058		C NAME AND ADDRESS	M	
3124	an..35	M Name and address line	M	
3124	an..35	C Name and address line	O	
3124	an..35	C Name and address line	O	
3124	an..35	C Name and address line	O	
3124	an..35	C Name and address line	O	
C080		C PARTY NAME	D	
3036	an..35	M Party name	M	
3036	an..35	C Party name	O	
3036	an..35	C Party name	O	
3036	an..35	C Party name	O	
3036	an..35	C Party name	O	
3045	an..3	C Party name format, coded	N	
C059		C STREET	D	
3042	an..35	M Street and number/p.o. box	M	
3042	an..35	C Street and number/p.o. box	O	
3042	an..35	C Street and number/p.o. box	O	
3042	an..35	C Street and number/p.o. box	O	
3164	an..35	C CITY NAME	D	
3229	an..9	C COUNTRY SUB-ENTITY IDENTIFICATION	D	
3251	an..9	C POSTCODE IDENTIFICATION	D	
3207	an..3	C COUNTRY, CODED	D	Use ISO 3166, 2 alpha code

UNT MESSAGE TRAILER

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

Usage : M1

Notes : Refer to EDIFICE Utilisation of the UN/EDIFACT Service Segments, Issue 3.

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

EXAMPLES

Example 1

Resale Only (1 level of end customer; Manufacturer => Distributor => End Customer)

UNH+1+SLSRPT:D:97A:ED:EDSR02'

BGM+RES+SLSRPT1+9'
DTM+90:19971201:102'
DTM+91:19981231:102'
DTM+137:19980101:102'
NAD+BY+DISTRIBUTOR::92'
NAD+SE+SUPPLIER::91'
CUX+2:GBP:4'

DOC+380'
NAD+PC+1234::92'

INVOICE

LIN+1+31+PRODUCT 120:VP::91'
QTY+1:999:PCE'
PRI+AAA:200.63:RES::1:PCE'
RFF+DM:INV NUMBER1:INV LINE NUMBER4'
DTM+171:19971216:102'
LIN+2+31+FLASH:VP::91'
QTY+1:216:PCE'
PRI+AAA:27.64:RES::1:PCE'
RFF+DM:INV NUMBER26:INV LINE NUMBER1'
DTM+171:19971206:102'

DOC+381'
NAD+PC+1234::92'

CREDIT

LIN+3+31+DRAM:VP::91'
QTY+1:200:PCE'
PRI+AAA:397.22:RES::1:PCE'
RFF+DM:CR NOTE NUMBER12:CR LINE NUMBER2'
DTM+171:19971210:102'

DOC+80'
NAD+PC+1234::92'

DEBIT (FINANCIAL ADJUSTMENT)

LIN+4+31+MOTHERBOARD:VP::91'
MOA+244:74.26'
RFF+DM:DB NOTE NUMBER1:DB LINE NUMBER1'
DTM+171:19971211:102'

UNT+34+1'

Example 2

Resale Only (1 and 2 levels of end customer; Manufacturer => Distributor => End Customer
and Manufacturer =>Distributor =>Reseller => End
Customer)

UNH+1+SLSRPT:D:97A:ED:EDSR02'

BGM+RES+SLSRPT2+9'
DTM+90:19971201:102'
DTM+91:19971205:102'
DTM+137:19971206:102'
NAD+BY+DISTRIBUTOR::92'
NAD+SE+SUPPLIER::91'
CUX+2:FRF:4'

DOC+380'
NAD+IK+7890::92'

INVOICE (with 3rd & 4th level end customer)

LIN+1+31+PRODUCT ABCD:VP::91'
QTY+1:2002:PCE'
PRI+AAA:7897.64:RES::1:PCE'
RFF+DM:INV NUMBER64:INV LINE NUMBER1'
DTM+171:19971203:102'
NAD+MA+XXX::92'

DOC+380'
NAD+PC+2109::92'

INVOICE

LIN+2+31+PRODUCT X:VP::91'
QTY+1:1000:PCE'
PRI+AAA:12.10:RES::1:PCE'
RFF+DM:INV NUMBER2:INV LINE NUMBER7'
RFF+ACD:ADDITIONAL REF NUMBER34'
DTM+171:19971205:102'

LIN+3+31+PRODUCT Y:VP::91'
QTY+1:2000:PCE'
PRI+AAA:60.43:RES::1:PCE'
RFF+DM:INV NUMBER16:INV LINE NUMBER10'
DTM+171:19971205:102'

UNT+30+1'

Example 3

Resale combined with "Ship from Stock & Debit" Claim

UNH+1+SLSRPT:D:97A:ED:EDSR02'

BGM+RAC+SLSRPT3+9'
DTM+90:19971201:102'
DTM+91:19971231:102'
DTM+137:19980101:102'
NAD+BY+DISTRIBUTOR::92'
NAD+SE+SUPPLIER::91'
CUX+2:DEM:4'

DOC+380'
NAD+PC+7531::92'

INVOICE

LIN+1+30+PRODUCT DEF:VP::91'
QTY+1:33:PCE'
PRI+AAA:500.12:RES::1:PCE'
RFF+DM:INV NUMBER1:INV LINE NUMBER1'
DTM+171:19971220:102'
RFF+AU:DPA NUMBER23:DPA LINE NUMBER1'
RFF+DCN::CREDIT CLAIM LINE NUMBER1'
RFF+ACD:ADDITIONAL REF NUMBER876'

Resale & Claim

LIN+2+31+PRODUCT XYZ:VP::91'
QTY+1:273:PCE'
PRI+AAA:26.65:RES::1:PCE'
RFF+DM:INV NUMBER31:INV LINE NUMBER1'
DTM+171:19971204:102'

Resale Only

DOC+381'
NAD+PC+7531::92'

CREDIT

LIN+3+30+MOTHERBOARD:VP::91'
QTY+1:456:PCE'
PRI+AAA:30.44:RES::1:PCE'
RFF+DM:CR NOTE NUMBER6:CR NOTE LINE NUMBER1'
DTM+171:19971215:102'
RFF+AU:DPA NUMBER345:DPA LINE NUMBER1'
RFF+DCN::DISTI CLAIM LINE NUMBER6'

Credit & Claim "Bill-Back"

DOC+380'
NAD+PC+39416::92'

INVOICE

LIN+4+31+PRODUCT CCC:VP::91'
QTY+1:1000:PCE'
PRI+AAA:987.99:RES::1:PCE'
RFF+DM:INV NUMBER67:INV LINE NUMBER9'
DTM+171:19971201:102'
RFF+ACD:ADDITIONAL REF NUMBER990'

Resale Only

UNT+41+1'