



The Global Network for B2B Integration in High Tech Industries

## **EDIFICE Message Implementation Guideline Sales Report Message**

**SLSRPT Issue EDSL10**

**Endorsed 15 June 2011**

**Based on UN/EDIFACT D.10A SLSRPT message**

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## **COMPARISON TO PREVIOUS ISSUE**

### **Issue EDSL10 of 1 June 2011: Upgrade to UN/EDIFACT Directory D.10A**

The only structural change is the renaming of the SGroups from SG1 onwards

SG15: This SG is mutually exclusive with the SG6 and SG11 functionality. This is a structural change to the Message Type according to EDIFICE requirements. A DMR is being raised to have this structural change approved by UN/EDIFACT.

EDIFICE recommends to make use of EDIFACT code lists.

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

The summary of changes in this MIG is listed below:

<b>Place</b>	<b>EDIFICE Code (*)</b>	<b>Replaced with EDIFACT code/EDIFICE code (*)/Removed/Added</b>
All DTM-2005	X03=CCYYMMDDHHMMZZZZ (*) X04=CCYYMMDDHHMMSSZZZZ (*)	205=CCYYMMDDHHMMZHHMM Removed
SG16-LIN-1229	113=Resale and Claim (*) 114=Resale only (*)	113=Resale and claim 114=Resale
SG16-PRI-5375	NBP=New buy price (*)	QT=Quoted

Issue EDSL08 of 29 May 2008:

- SG13 - NAD : add Part qualifier MF Manufacturer of Goods, to identify the recipient of returns
- Increase the occurrence to R..6
- SG14 - QTY - add Quantity qualifiers: 61 Return qty, 64 Scrap Qty, 162 Functional sample quantity

Issue EDSL07 of 31 May 2006:

- Addition of Ship-to Address specification and related UN/EDIFACT code

- Change SG13-NAD from R1 to R..5
- Add the UN/EDIFACT qualifier "ST = Ship-To Customer" to 3035 Party Qualifier

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

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

SG14 - LIN - DE 1229

'30' Resale & Claim replaced with '113' Resale & Claim

'31' Resale only replaced with '114' Resale only

Correction of the examples according to the code changes.

12 May 2004 : EDIFIX 5.0 Technical Upgrade

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

Issue EDSL05 of 03 November: The change applied does not affect the functionality of the message.

- UNH segment, DE 0057 Association assigned code was changed from EDSR04 to EDSL05 conform the rules described in the EDIFICE Utilisation of the UN/EDIFACT Service Segments EDSS04.

21 May 2003 :

- EDIFICE Utilisation for SG14 CUX DE 6347; SG14 MOA DE 5025; SG15 RFF C506: changed from 'R' to 'M' according to UN/EDIFACT specifications - this does not affect the functionality of the message.

- EDIFIX 4.2 Technical upgrade; review and correction of examples

Issue EDSR04 of 13 November 2002 is based on UN/EDIFACT D97.A / Code List D01.A

- Addition of the following code values:

- SG14, LIN segment, CO C212, DE 7143 code 'SRV' EAN.UCC Global Trade Item Number
- SG14, PIA segment, CO C212, DE 7143 code 'SRV' EAN.UCC Global Trade Item Number
- SG15, RFF segment, CO C506, DE 1153 code 'DW' Design Win  
'IV' Invoice number

Issue EDSR03 of 29 May 2002 – addition of recommended set of DTM qualifiers

Issue EDSR03 : Changes compared to Issue EDSR02 of the Sales Report Message endorsed 18 November 1998

- SG14 - PRI In order to provide for the Automated price protection cycles - SAP/DRM requirement  
Add qualifiers 'CON' = Contract Price and 'DIS' = Distributor price in DE 5387 Price type qualifier with usage = O

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**

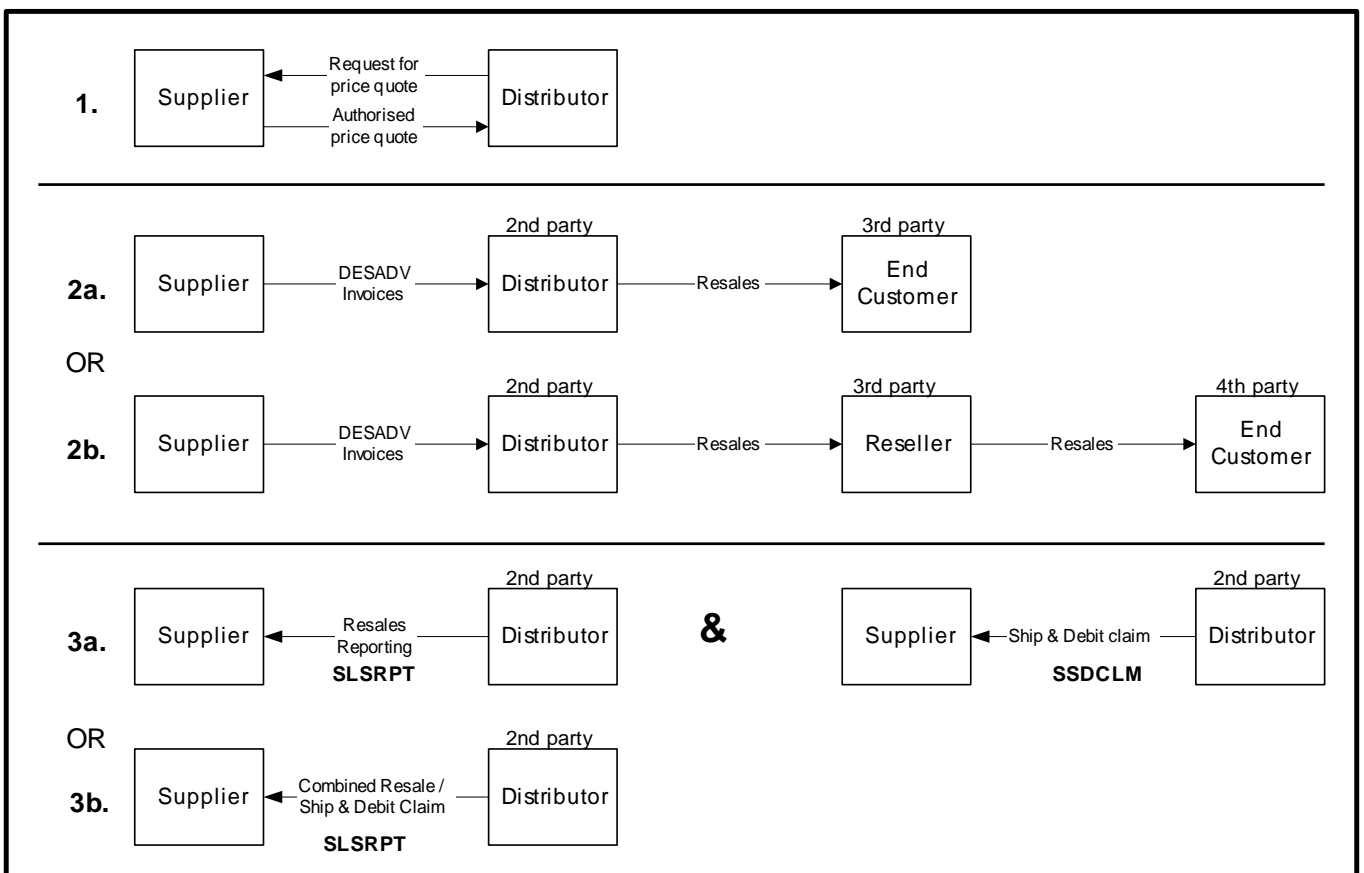
## Compliance with UN/EDIFACT SLSRPT

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).

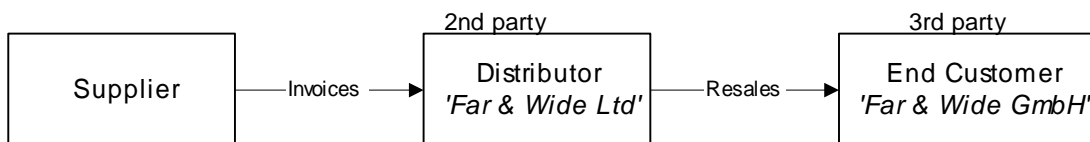
In these situations the distributor may then subsequently claim for the price delta between the supplier's invoiced price (fixed) and the supplier's previously authorised price quote.

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.

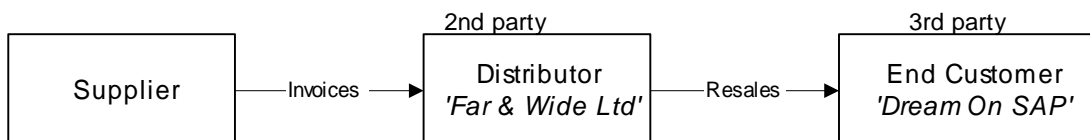
### "A to B Transfers"

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**

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

## **EXPLANATORY NOTES**

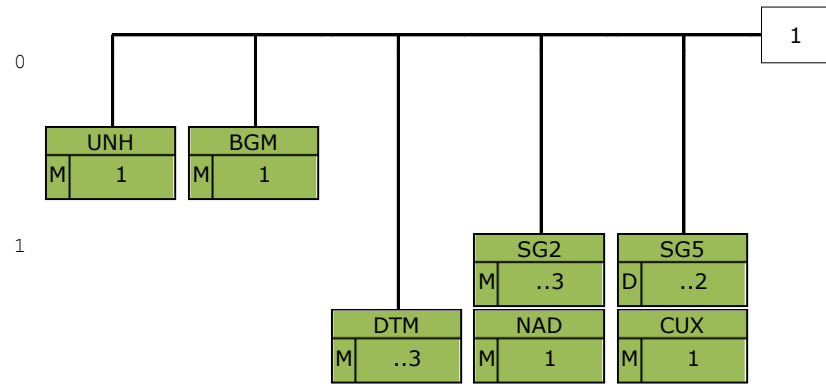
Refer to the document : Explanatory notes for the EDIFICE message guidelines – Issue 1

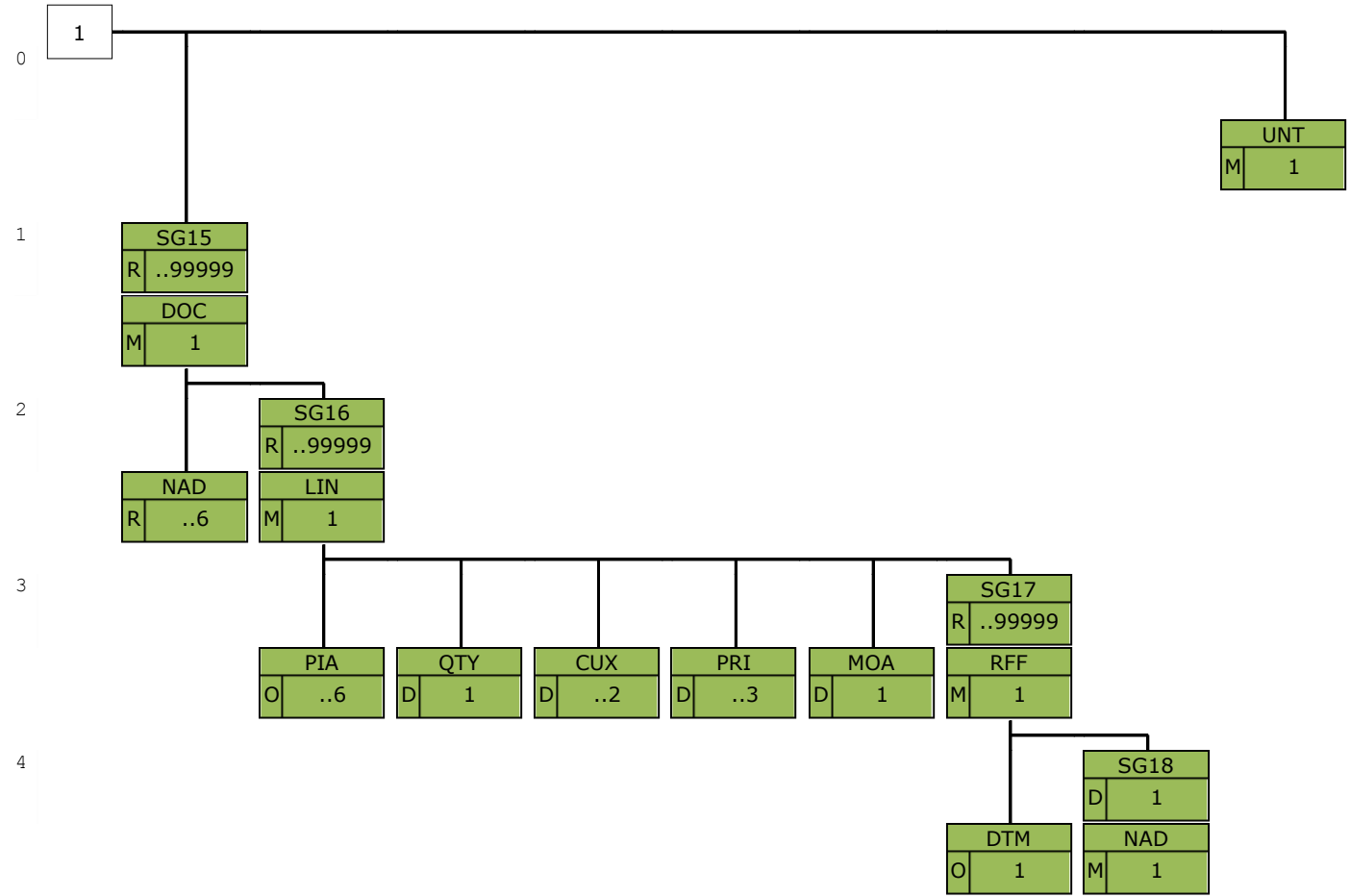
## MESSAGE STRUCTURE CHART

	UNH	Message header	M1
	BGM	Beginning of message	M1
	DTM	Date/time/period	M..3
┌	SG2		M..3
└	NAD	Name and address	M1
┌	SG5		D..2
└	CUX	Currencies	M1
┌	SG15		R..99999
└	DOC	Document/message details	M1
	NAD	Name and address	R..6
┌	SG16		R..99999
└	LIN	Line item	M1
	PIA	Additional product id	O..6
	QTY	Quantity	D1
	CUX	Currencies	D..2
	PRI	Price details	D..3
	MOA	Monetary amount	D1
┌	SG17		R..99999
└	RFF	Reference	M1
	DTM	Date/time/period	O1
┌	SG18		D1
└	NAD	Name and address	M1
	UNT	Message trailer	M1



**BRANCHING DIAGRAM**





## SEGMENT DESCRIPTION

### **UNH    Message header**

---

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

### **BGM    Beginning of message**

---

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

### **DTM    Date/time/period**

---

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

### **SG2    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

### **SG5    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

### **SG15    DOC-NAD-SG16**

---

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:

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

---

**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: R..6

---

**SG16 LIN-PIA-QTY-CUX-PRI-MOA-SG17**

---

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 SG15.  
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.

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**LIN Line item**

---

Function: A segment identifying a line item by its item number, and agreed to be the primary reference number between the buyer and seller.  
The segment also carries a sequence number assigned to the line item within the message.  
Usage: M1

---

**PIA Additional product id**

---

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

---

**SG17 RFF-DTM-SG18**

---

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: O1

**SG18 NAD**

---

Function: A group of segments identifying the ultimate parties related to the transaction.  
Usage: D 1  
Notes:

**NAD Name and address**

---

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

**UNT Message trailer**

---

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

## SEGMENT DETAILS



### UNH Message header

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

Usage : M1

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

Ref.	Rep.	Name		EDIFICE Utilisation
0062	an..14	M MESSAGE REFERENCE NUMBER	M	Transmission message count from 1
S009		M MESSAGE IDENTIFIER	M	
0065	an..6	M Message type	M	<b>SLSRPT</b> = Sales data report message
0052	an..3	M Message version number	M	<b>D</b> = Draft version/UN/EDIFACT Directory
0054	an..3	M Message release number	M	<b>10A</b> = Release 2010 - A
0051	an..3	M Controlling agency, coded	M	<b>ED</b> = EDIFICE (Electronic industries project)
0057	an..6	C Association assigned code	R	<b>EDSL10</b> = Sales report Message Issue EDSL10
0110	an..6	C Code list directory version number	N	
0113	an..6	C Message type sub-function identification	N	
0068	an..35	C COMMON ACCESS REFERENCE	N	
S010		C STATUS OF THE TRANSFER	N	
0070	n..2	M Sequence of transfers	N	
0073	a1	C First and last transfer	N	
S016		C MESSAGE SUBSET IDENTIFICATION	N	
0115	an..14	M Message subset identification	N	
0116	an..3	C Message subset version number	N	
0118	an..3	C Message subset release number	N	
0051	an..3	C Controlling agency, coded	N	
S017		C MESSAGE IMPLEMENTATION GUIDELINE IDENTIFICATION	N	
0121	an..14	M Message implementation guideline identification	N	
0122	an..3	C Message implementation guideline version number	N	
0124	an..3	C Message implementation guideline release number	N	
0051	an..3	C Controlling agency, coded	N	
S018		C SCENARIO IDENTIFICATION	N	
0127	an..14	M Scenario identification	N	
0128	an..3	C Scenario version number	N	
0130	an..3	C Scenario release number	N	
0051	an..3	C Controlling agency, coded	N	

## BGM Beginning of message

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

Usage : M1

Notes :

Ref.	Rep.	Name		EDIFICE Utilisation
C002		C DOCUMENT/MESSAGE NAME	R	<b>RES</b> = Resale Information only (*) <b>RAC</b> = Resale information and ship from stock & debit claim information (*)  (*) EDIFICE code           <b>9</b> = Original
1001	an..3	C Document name code	R	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
1000	an..35	C Document name	N	
C106		C DOCUMENT/MESSAGE IDENTIFICATION	R	
1004	an..70	C Document identifier	R	
1056	an..9	C Version identifier	N	
1060	an..6	C Revision identifier	N	
1225	an..3	C MESSAGE FUNCTION CODE	A	
4343	an..3	C RESPONSE TYPE CODE	N	

**DTM Date/time/period**

Function: A segment specifying the date/time of creation of the message, and 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 or time or period function code qualifier	M	<b>90</b> = Report start date <b>91</b> = Report end date <b>137</b> = Document issue date time
2380	an..35	C Date or time or period text	R	
2379	an..3	C Date or time or period format code	R	<b>102</b> = CCYMMDD <b>203</b> = CCYMMDDHHMM <b>205</b> = CCYMMDDHHMMZHHMM <i>Replaces EDIFICE code</i> <i>X03=CCYMMDDHHMMZZZZ</i> <b>303</b> = CCYMMDDHHMMZZZ <i>ZZZ = Time zone</i> <b>304</b> = CCYMMDDHHMMSSZZZ <i>ZZZ = Time zone</i>



**SG2 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 FUNCTION CODE QUALIFIER	M	<b>BY</b> = Buyer <b>DP</b> = Delivery party <b>SE</b> = Seller	
C082		C PARTY IDENTIFICATION DETAILS	A		
3039	an..35	M Party identifier	M		
1131	an..17	C Code list identification code	N	<b>9</b> = GS1 <b>16</b> = US, D&B (Dun & Bradstreet Corporation) <b>91</b> = Assigned by seller or seller's agent <b>92</b> = Assigned by buyer or buyer's agent	
3055	an..3	C Code list responsible agency code	R		
C058		C NAME AND ADDRESS	D		
3124	an..35	M Name and address description	M		
3124	an..35	C Name and address description	O		
3124	an..35	C Name and address description	O		
3124	an..35	C Name and address description	O		
3124	an..35	C Name and address description	O		
C080		C PARTY NAME	D		
3036	an..70	M Party name	M		
3036	an..70	C Party name	O		
3036	an..70	C Party name	O		
3036	an..70	C Party name	O		
3036	an..70	C Party name	O		
3045	an..3	C Party name format code	N		
C059		C STREET	D		
3042	an..35	M Street and number or post office box identifier	M		
3042	an..35	C Street and number or post office box identifier	O		
3042	an..35	C Street and number or post office box identifier	O		
3042	an..35	C Street and number or post office box identifier	O		
3164	an..35	C CITY NAME	D		
C819		C COUNTRY SUBDIVISION DETAILS	C		
3229	an..9	C Country subdivision identifier	D		
1131	an..17	C Code list identification code	N		
3055	an..3	C Code list responsible agency code	N		
3228	an..70	C Country subdivision name	N		
3251	an..17	C POSTAL IDENTIFICATION CODE	D		
3207	an..3	C COUNTRY IDENTIFIER	D		
					Use ISO 3166, 2 alpha code

**SG5 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 usage code qualifier	M	<b>2</b> = Reference currency
6345	an..3	C Currency identification code	R	Use ISO 4217, 3 alpha code
6343	an..3	C Currency type code qualifier	R	<b>4</b> = Invoicing currency <i>Distributor to end-customer currency</i>
				<b>9</b> = Order currency <i>Supplier to distributor currency</i>
6348	n..4	C Currency rate	N	
C504		C CURRENCY DETAILS	N	
6347	an..3	M Currency usage code qualifier	N	
6345	an..3	C Currency identification code	N	
6343	an..3	C Currency type code qualifier	N	
6348	n..4	C Currency rate	N	
5402	n..12	C CURRENCY EXCHANGE RATE	N	
6341	an..3	C EXCHANGE RATE CURRENCY MARKET IDENTIFIER	N	

**SG15 DOC-NAD-SG16**

**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 name code	R	<b>80</b> = Debit note related to goods or services <b>380</b> = Commercial invoice <b>381</b> = Credit note
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
1000	an..35	C Document name	N	
C503		C DOCUMENT/MESSAGE DETAILS	N	
1004	an..70	C Document identifier	N	
1373	an..3	C Document status code	N	
1366	an..70	C Document source description	N	
3453	an..3	C Language name code	N	
1056	an..9	C Version identifier	N	
1060	an..6	C Revision identifier	N	
3153	an..3	C COMMUNICATION MEDIUM TYPE CODE	N	
1220	n..2	C DOCUMENT COPIES REQUIRED QUANTITY	N	
1218	n..2	C DOCUMENT ORIGINALS REQUIRED QUANTITY	N	

**SG15 DOC-NAD-SG16**

**NAD Name and address**

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

Usage : R..6

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 SG18 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 FUNCTION CODE QUALIFIER	M	<b>AD</b> = Intra-Distributor movement (*) <b>IK</b> = Intermediate customer (*) <b>MF</b> = Manufacturer of goods <i>Used to identify recipients of returns</i> <b>PC</b> = Actual purchaser's customer <b>RD</b> = Inter-distributor movement (*) <b>ST</b> = Ship to <i>Identification of the party to where goods will be or have been shipped.</i> (*) EDIFICE code
C082		C PARTY IDENTIFICATION DETAILS	A	
3039	an..35	M Party identifier	M	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	R	<b>9</b> = GS1 <b>16</b> = US, D&B (Dun & Bradstreet Corporation) <b>91</b> = Assigned by seller or seller's agent <b>92</b> = Assigned by buyer or buyer's agent
C058		C NAME AND ADDRESS	D	
3124	an..35	M Name and address description	M	
3124	an..35	C Name and address description	O	
3124	an..35	C Name and address description	O	
3124	an..35	C Name and address description	O	
3124	an..35	C Name and address description	O	
C080		C PARTY NAME	D	
3036	an..70	M Party name	M	
3036	an..70	C Party name	O	
3036	an..70	C Party name	O	
3036	an..70	C Party name	O	
3036	an..70	C Party name	O	
3045	an..3	C Party name format code	N	
C059		C STREET	D	
3042	an..35	M Street and number or post office box identifier	M	
3042	an..35	C Street and number or post office box identifier	O	
3042	an..35	C Street and number or post office box identifier	O	
3042	an..35	C Street and number or post office box identifier	O	
3164	an..35	C CITY NAME	D	
C819		C COUNTRY SUBDIVISION DETAILS	C	
3229	an..9	C Country subdivision identifier	D	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
3228	an..70	C Country subdivision name	N	
3251	an..17	C POSTAL IDENTIFICATION CODE	D	
3207	an..3	C COUNTRY IDENTIFIER	D	Use ISO 3166, 2 alpha code

**SG16 LIN-PIA-QTY-CUX-PRI-MOA-SG17**

**LIN Line item**

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

Usage : M1

Notes :

Ref.	Rep.	Name	EDIFICE Utilisation
1082	an..6	C LINE ITEM IDENTIFIER	R It is required to assign a number to the line items within a message. The number is assigned by the sender of the message. The first line item within a message will be numbered 1 and further line items will be incremented by 1 for each new line.
1229	an..3	C ACTION CODE	R <b>113</b> = Resale and claim <b>114</b> = Resale
C212		C ITEM NUMBER IDENTIFICATION	R
7140	an..35	C Item identifier	R Primary reference
7143	an..3	C Item type identification code	R <b>BP</b> = Buyer's part number <b>EN</b> = International Article Numbering Association (EAN) <b>SRV</b> = EAN.UCC Global Trade Item Number <b>UP</b> = UPC (Universal product code) <b>VP</b> = Vendor's (seller's) part number
1131	an..17	C Code list identification code	N
3055	an..3	C Code list responsible agency code	R <b>9</b> = GS1 <b>91</b> = Assigned by seller or seller's agent <b>92</b> = Assigned by buyer or buyer's agent <b>113</b> = GS1 US
C829		C SUB-LINE INFORMATION	N
5495	an..3	C Sub-line indicator code	N
1082	an..6	C Line item identifier	N
1222	n..2	C CONFIGURATION LEVEL NUMBER	N
7083	an..3	C CONFIGURATION OPERATION CODE	N

**SG16 LIN-PIA-QTY-CUX-PRI-MOA-SG17**

**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 IDENTIFIER CODE QUALIFIER	M	<b>1</b> = Additional identification  <b>BP</b> = Buyer's part number <b>CV</b> = Customs article number <b>EN</b> = International Article Numbering Association (EAN) <b>SRV</b> = EAN.UCC Global Trade Item Number <b>UP</b> = UPC (Universal product code) <b>VP</b> = Vendor's (seller's) part number	
C212		M ITEM NUMBER IDENTIFICATION	M		
7140	an..35	C Item identifier	R		
7143	an..3	C Item type identification code	R		
1131	an..17	C Code list identification code	N		
3055	an..3	C Code list responsible agency code	R		
C212		C ITEM NUMBER IDENTIFICATION	O		As for first CO C212
7140	an..35	C Item identifier	R		
7143	an..3	C Item type identification code	R		
1131	an..17	C Code list identification code	N		
3055	an..3	C Code list responsible agency code	R		
C212		C ITEM NUMBER IDENTIFICATION	O	As for first CO C212	
7140	an..35	C Item identifier	R		
7143	an..3	C Item type identification code	R		
1131	an..17	C Code list identification code	N		
3055	an..3	C Code list responsible agency code	R		
C212		C ITEM NUMBER IDENTIFICATION	O	As for first CO C212	
7140	an..35	C Item identifier	R		
7143	an..3	C Item type identification code	R		
1131	an..17	C Code list identification code	N		
3055	an..3	C Code list responsible agency code	R		
C212		C ITEM NUMBER IDENTIFICATION	O	As for first CO C212	
7140	an..35	C Item identifier	R		
7143	an..3	C Item type identification code	R		
1131	an..17	C Code list identification code	N		
3055	an..3	C Code list responsible agency code	R		

**SG16 LIN-PIA-QTY-CUX-PRI-MOA-SG17**

**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 type code qualifier	M	<b>1</b> = Discrete quantity <b>61</b> = Return quantity <i>used to identify product returns</i> <b>64</b> = Scrap quantity <i>used to identify product scraps</i> <b>162</b> = Functional sample quantity <i>Used to identify sample sales</i>
6060	an..35	M Quantity	M	
6411	an..8	C Measurement unit code	R	<b>CLT</b> = centilitre <b>CMT</b> = centimetre <b>EA</b> = each <b>GRM</b> = gram <b>H87</b> = piece <b>KGM</b> = kilogram <b>KMT</b> = kilometre <b>LTR</b> = litre <b>MGM</b> = milligram <b>MMT</b> = millimetre <b>MTK</b> = square metre <b>MTQ</b> = cubic metre <b>MTR</b> = metre <b>PCE</b> = piece (*) EDIFICE Code 'PCE' is widely adopted by membership and preferred over the EDIFACT code 'H87' (*) EDIFICE code Other codes should be previously agreed between trading partners.

**SG16 LIN-PIA-QTY-CUX-PRI-MOA-SG17**

**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	M	
6347	an..3	M Currency usage code qualifier	R	<b>2</b> = Reference currency
6345	an..3	C Currency identification code	R	Use ISO 4217, 3 alpha code
6343	an..3	C Currency type code qualifier	R	<b>4</b> = Invoicing currency <i>Distributor to end-customer currency</i>
				<b>9</b> = Order currency <i>Supplier to distributor currency</i>
6348	n..4	C Currency rate	N	
C504		C CURRENCY DETAILS	N	
6347	an..3	M Currency usage code qualifier	N	
6345	an..3	C Currency identification code	N	
6343	an..3	C Currency type code qualifier	N	
6348	n..4	C Currency rate	N	
5402	n..12	C CURRENCY EXCHANGE RATE	N	
6341	an..3	C EXCHANGE RATE CURRENCY MARKET IDENTIFIER	N	



**SG16 LIN-PIA-QTY-CUX-PRI-MOA-SG17**

**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 code qualifier	M	<b>AAA</b> = Calculation net
5118	n..15	C Price amount	R	
5375	an..3	C Price type code	R	<b>CA</b> = Catalogue <i>Stocking price used between the buyer and seller.</i>
				<b>QT</b> = Quoted <i>Re-negotiated buy price between the buyer and the seller.</i> <i>Replaces EDIFICE code NBP=New buy price</i>
				<b>RES</b> = Resale price (*) <i>Price used between the buyer and the end-customer in either an invoice or credit situation.</i>
5387	an..3	C Price specification code	O	(*) EDIFICE code <b>CON</b> = Contract price <i>Basis contract cost</i>
				<b>DIS</b> = Distributor price <i>Distributor non-contract</i>
5284	n..9	C Unit price basis quantity	R	
6411	an..8	C Measurement unit code	R	<b>CLT</b> = centilitre <b>CMT</b> = centimetre <b>EA</b> = each <b>GRM</b> = gram <b>H87</b> = piece <b>KGM</b> = kilogram <b>KMT</b> = kilometre <b>LTR</b> = litre <b>MGM</b> = milligram <b>MMT</b> = millimetre <b>MTK</b> = square metre <b>MTQ</b> = cubic metre <b>MTR</b> = metre <b>PCE</b> = piece (*) EDIFICE Code 'PCE' is widely adopted by membership and preferred over the EDIFACT code 'H87'
5213	an..3	C SUB-LINE ITEM PRICE CHANGE OPERATION CODE	N	(*) EDIFICE code Other codes should be previously agreed between trading partners.

**SG16 LIN-PIA-QTY-CUX-PRI-MOA-SG17****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 code qualifier	M	<b>244</b> = Price adjustment amount
5004	n..35	C Monetary amount	R	
6345	an..3	C Currency identification code	N	
6343	an..3	C Currency type code qualifier	N	
4405	an..3	C Status description code	N	

**SG17 RFF-DTM-SG18**

**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	M	
1153	an..3	M Reference code qualifier	M	<p><b>AAK</b> = Despatch advice number</p> <p><b>ACD</b> = Additional reference number  <i>DE 1154: (R)</i>  <i>DE 1156: (O)</i></p> <p><b>AU</b> = Authorization to meet competition number  <i>Autorisation/quote number</i>  <i>DE 1154: Authorisation number (R)</i>  <i>DE 1156: Authorisation line number (O)</i></p> <p><b>ACT</b> = Unique claims reference number of the sender  <i>Replaces EDIFICE Code DCN=Distributor Claim number</i>  <i>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)</i>  <i>DE 1154: Distributor claim number (O)</i>  <i>DE 1156: Distributor claim line number (R)</i></p> <p><b>DM</b> = Document identifier  <i>Used to specify the invoice,credit note or debit note.</i>  <i>DE 1154: Invoice, credit note or debit note number (R)</i>  <i>DE 1156: Invoice, credit note or debit note line number (R)</i></p> <p><b>DW</b> = Design win (*)</p> <p><b>IV</b> = Invoice document identifier  <i>To be used only if DE 1001 in DOC = '80' or '381'</i></p> <p><b>LI</b> = Document line identifier  <i>Line item number that can be referenced in the Ship from Stock &amp; Debit Response message.</i>  <i>DE 1154: (N)</i>  <i>DE 1156: Line item reference number (R)</i></p> <p><b>ON</b> = Order document identifier, buyer assigned  <i>Order number that specifies the back-to-back purchase order and purchase order line number.</i>  <i>DE 1154: back-to-back PO number</i>  <i>DE 1156: back-to-back PO line number</i></p> <p>(*) EDIFICE code            D See DE 1153            D See DE 1153</p>
1154	an..70	C Reference identifier	D	
1156	an..6	C Document line identifier	D	
1056	an..9	C Version identifier	N	
1060	an..6	C Revision identifier	N	

**SG17 RFF-DTM-SG18****DTM Date/time/period**

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

Usage : 01

Notes :

Ref.	Rep.	Name		EDIFICE Utilisation
C507		M DATE/TIME/PERIOD	M	
2005	an..3	M Date or time or period function code qualifier	M	<b>171</b> = Reference date/time
2380	an..35	C Date or time or period text	R	
2379	an..3	C Date or time or period format code	R	<b>102</b> = CCYYMMDD <b>203</b> = CCYYMMDDHHMM <b>205</b> = CCYYMMDDHHMMZHHMM <i>Replaces EDIFICE code</i> <i>X03=CCYYMMDDHHMMZZZZ</i> <b>303</b> = CCYYMMDDHHMMZZZ <i>ZZZ = Time zone</i> <b>304</b> = CCYYMMDDHHMMSSZZZ <i>ZZZ = Time zone</i>

**SG18 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 FUNCTION CODE QUALIFIER	M	<b>MA</b> = Party for whom item is ultimately intended  Ultimate party identification  <b>9</b> = GS1 <b>16</b> = US, D&B (Dun & Bradstreet Corporation) <b>91</b> = Assigned by seller or seller's agent <b>92</b> = Assigned by buyer or buyer's agent
C082		C PARTY IDENTIFICATION DETAILS	A	
3039	an..35	M Party identifier	M	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	R	
C058		C NAME AND ADDRESS	D	
3124	an..35	M Name and address description	M	
3124	an..35	C Name and address description	O	
3124	an..35	C Name and address description	O	
3124	an..35	C Name and address description	O	
3124	an..35	C Name and address description	O	
C080		C PARTY NAME	D	
3036	an..70	M Party name	M	
3036	an..70	C Party name	O	
3036	an..70	C Party name	O	
3036	an..70	C Party name	O	
3036	an..70	C Party name	O	
3045	an..3	C Party name format code	N	
C059		C STREET	D	
3042	an..35	M Street and number or post office box identifier	M	
3042	an..35	C Street and number or post office box identifier	O	
3042	an..35	C Street and number or post office box identifier	O	
3042	an..35	C Street and number or post office box identifier	O	
3164	an..35	C CITY NAME	D	
C819		C COUNTRY SUBDIVISION DETAILS	C	
3229	an..9	C Country subdivision identifier	D	
1131	an..17	C Code list identification code	N	
3055	an..3	C Code list responsible agency code	N	
3228	an..70	C Country subdivision name	N	
3251	an..17	C POSTAL IDENTIFICATION CODE	D	
3207	an..3	C COUNTRY IDENTIFIER	D	Use ISO 3166, 2 alpha code

**UNT Message trailer**

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

Usage : M1

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

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

**EXAMPLES**

Example 1

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

UNB+UNOW:4+123456789:1:X+987654321:1:X+021209:1909+88+X:AA+SLSRPT++1+X+1'  
UNH+1+SLSRPT:D:10A:ED:EDSL10'  
BGM+RES+SLSRPT1+9'  
DTM+90:20101201:102'  
DTM+91: 20101231:102'  
DTM+137: 20100101:102'  
NAD+BY+DISTRIBUTOR::92'  
NAD+SE+SUPPLIER::91'  
CUX+2:GBP:4'  
DOC+380' INVOICE  
NAD+PC+1234::92'  
LIN+1+114+PRODUCT 120:VP::91'  
QTY+1:999:PCE'  
PRI+AAA:200.63:RES::1:PCE'  
RFF+DM:INV NUMBER1:INLIN4'  
DTM+171: 20101216:102'  
LIN+2+114+FLASH:VP::91'  
QTY+1:216:PCE'  
PRI+AAA:27.64:RES::1:PCE'  
RFF+DM:INV NUMBE26:INLIN1'  
DTM+171: 20101206:102'  
DOC+381' CREDIT  
NAD+PC+1234::92'  
LIN+3+114+DRAM:VP::91'  
QTY+1:200:PCE'  
PRI+AAA:397.22:RES::1:PCE'  
RFF+DM:CR NOTE NUMBER12:CRLIN2'  
DTM+171: 20101210:102'  
DOC+80' DEBIT (FINANCIAL ADJUSTMENT)  
NAD+PC+1234::92'  
LIN+4+114+MOTHERBOARD:VP::91'  
MOA+244:74.26'  
RFF+DM:DB NOTE NUMBER1:DBLIN1'  
DTM+171: 20101211:102'  
UNT+34+1'  
UNZ+1+88'

Example 2

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

UNB+UNOW:4+234567890:1:X+198765432:1:X+971201:1924+66+X:AA+SLSRPT++1+X+1'  
UNH+1+SLSRPT:D:10A:ED:EDSL10'  
BGM+RES+SLSRPT2+9'  
DTM+90: 20101201:102'  
DTM+91: 20101205:102'  
DTM+137: 20100106:102'  
NAD+BY+DISTRIBUTOR::92'  
NAD+SE+SUPPLIER::91'  
CUX+2:FRF:4'  
DOC+380' INVOICE (with 3rd & 4th level End Customer)  
NAD+IK+7890::92'  
LIN+1+114+PRODUCT ABCD:VP::91'  
QTY+1:2002:PCE'  
PRI+AAA:7897.64:RES::1:PCE'  
RFF+DM:INV NUMBER64:INLIN1'  
DTM+171: 20101203:102'  
NAD+MA+XXX::92'  
DOC+380' INVOICE  
NAD+PC+2109::92'  
LIN+2+114+PRODUCT X:VP::91'  
QTY+1:1000:PCE'  
PRI+AAA:12.10:RES::1:PCE'  
RFF+DM:INV NUMBER2:INLIN7'  
RFF+ACD:ADDITIONAL REF NUMBER34'  
DTM+171: 20101205:102'  
LIN+3+114+PRODUCT Y:VP::91'  
QTY+1:2000:PCE'  
PRI+AAA:60.43:RES::1:PCE'  
RFF+DM:INV NUMBER16:DBL10'  
DTM+171: 20101205:102'  
UNT+30+1'  
UNZ+1+66'



Example 3

**Resale combined with "Ship from Stock & Debit" Claim**

```

UNB+UNOW:4+234567890:1:X+198765432:1:X+971201:1924+66+X:AA+SLSRPT++1+X+1'
UNH+1+SLSRPT:D:10A:ED:EDSL10'
BGM+RAC+SLSRPT3+9'
DTM+90: 20101201:102'
DTM+91: 20101231:102'
DTM+137: 20100101:102'
NAD+BY+DISTRIBUTOR::92'
NAD+SE+SUPPLIER::91'
CUX+2:DEM:4'
DOC+380'
NAD+PC+7531::92'
LIN+1+113+PRODUCT DEF:VP::91'
QTY+1:33:PCE'
PRI+AAA:500.12:RES::1:PCE'
RFF+DM:INV NUMBER1:INLIN1'
DTM+171: 20101220:102'
RFF+AU:DPA NUMBER23:DPALI1'
RFF+DCN::CRCL1'
RFF+ACD:ADDITIONAL REF NUMBER876'
LIN+2+114+PRODUCT XYZ:VP::91'
QTY+1:273:PCE'
PRI+AAA:26.65:RES::1:PCE'
RFF+DM:INV NUMBE31:INLIN1'
DTM+171: 20101204:102'
DOC+381'
NAD+PC+7531::92'
LIN+3+113+MOTHERBOARD:VP::91'
QTY+1:456:PCE'
PRI+AAA:30.44:RES::1:PCE'
RFF+DM:CR NOTE NUMBER6:CRLI1'
DTM+171: 20101215:102'
RFF+AU:DPA NUMBER345:DPALI1'
RFF+DCN::DCL1'
DOC+380'
NAD+PC+39416::92'
LIN+4+114+PRODUCT CCC:VP::91'
QTY+1:1000:PCE'
PRI+AAA:987.99:RES::1:PCE'
RFF+DM:INV NUMBER67:INLIN9'
DTM+171: 20101201:102'
RFF+ACD:ADDITIONAL REF NUMBER990'
UNT+41+1'
UNZ+1+66'

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INVOICE
Resale & Claim
Resale only
CREDIT
Credit & Claim "Bill-Back"

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