

# EDIFICE IMPLEMENTATION GUIDELINE

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## SHIP FROM STOCK & DEBIT CLAIM RESPONSE

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### ISSUE EDSR02

ENDORSED 26 NOVEMBER 1997

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TO BE PROPOSED AS A

UN/EDIFACT STANDARD MESSAGE

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## COMPARISON TO PREVIOUS ISSUE

This release includes the changes that have been made to the issue 1 of the Ship from Stock & Debit Claim Response document endorsed by the EDIFICE Plenary on 7 September 1994. The changes are as follows:

- Recast from the 92.1 version of the UN/EDIFACT directory to the D.97A version,
- Addition of the following code values:
  - all DTM segments, CO C507, DE 2379, code '203' CCYYMMDDHHMM
  - header NAD segment, DE 3055, code '16' DUNS (Dun & Bradstreet)
  - header RFF segment, CO C506, DE 1153, code 'DL' Debit note number
  - SG1, LIN segment, CO C212, DE 7143 codes
    - 'DI' Distributor's part number
    - 'MF' Manufacturer's (producer's) article number
    - 'UP' UPC (Universal product code)
  - SG1, LIN segment, CO C212, DE 3055 codes
    - '89' Assigned by distributor
    - '90' Assigned by manufacturer
    - '113' US, UCC (Uniform Code Council)
  - SG1, PIA segment, CO C212, DE 7143 codes
    - 'DI' Distributor's part number
    - 'MF' Manufacturer's (producer's) article number
    - 'UP' UPC (Universal product code)
  - SG1, PIA segment, CO C212, DE 3055 codes
    - '89' Assigned by distributor
    - '90' Assigned by manufacturer
    - '113' US, UCC (Uniform Code Council)
  - SG1, PRI segment, CO C509, DE 5125, code 'AAA' Calculation net
  - SG1, STS segment, CO C601, DE 9015, code 'T' Trade
  - SG2, RFF segment, CO C506, DE 1153 codes
    - 'AGO' Sender's reference to the original message
    - 'AU' Authorization to meet competition No.
    - 'DL' Debit note number,
- Deletion of the following code values:
  - SG1, PIA segment, CO C212, DE 7143, codes
    - 'CCM' COCOM list number
    - 'DR' Drawing revision number
    - 'DW' Drawing
    - 'EC' Engineering change level
    - 'GS' General specification number
    - 'SG' Standard group of products (mixed assortment)
    - 'VX' Vendor specification number
  - SG1, PRI segment, CO C509, DE 5125, codes
    - 'CAT' Catalogue price
    - 'NBP' New buy price
    - 'RES' Resale price,
- Replacement of the following codes:
  - header NAD segment, DE 3035, codes 'MF' to 'SE' Seller
    - 'DS' to 'BY' Buyer
  - header NAD segment, CO C082, DE 3055, codes '89' to '92' Assigned by buyer or buyer's agent
    - '90' to '91' Assigned by seller or seller's agent
  - SG1, QTY segment, CO C186, DE 6063, codes '201' to 'QCR' Quantity credited
    - '202' to 'QDB' Quantity debited,
- Addition of the following segment:
  - SG2, DTM segment,
- Usage changed for the following segments/data elements:
  - BGM segment, DE 1225, X to A
  - header RFF segment, R..2 to R..3
  - header NAD segment, R..2 to R2
  - header NAD segment, CO C082, R to A
  - SG1, PRI segment, CO C509, DE 5375, X to R
  - SG1, PRI segment, CO C509, DE 5284, X to R
  - SG1, STS segment, CO C601, DE 3055, R to N
  - SG1, STS segment, CO C556, X to R,

- The codes used in SG1, STS segment, CO C601, DE 9015 are now used in CO C556, DE 9013 of the same segment,
- The RFF segment, R..2, in SG1, is now the trigger segment of the new SG2, R..5. To conform with UN/EDIFACT message design rules this segment group appears at the end of SG1, after the STS segment,
- Where UN/ECE Recommendations are referenced the most commonly used codes have been identified,
- Alignment of segments and composite data elements to ensure conformance (data harmonization) across all EDIFICE Implementation Guidelines,
- Update of the EDIFICE FUNCTIONAL DEFINITION, REFERENCES and EXPLANATORY NOTES section to comply with the EDIFICE Standards for Documentation of Message Implementation Guidelines issue 3,
- Update of examples,
- Documentation adjustments resulting from the use of GEFEG's EdiFix Message Implementation Guidelines documentation tool,
- Correction of typographical errors.

## EDIFICE FUNCTIONAL DEFINITION

The business relationship can be between any buying and selling functions. For the purposes of this business scenario these buying and selling functions relate to a distributor and manufacturer respectively.

### 1. Typical business scenario

Manufacturer		Distributor
+-----+	Price Catalogue	+-----+
! !	----->	! !
! !		! !
! !	Request for Quote	! !
! !	<-----	! !
! !		! !
! !	Quote	! !
! !	----->	! !
! !		! !
! !	Request for Authorisation	! !
! !	<-----	! !
! !		! !
! !	Authorisation	! !
! !	----->	! !
! !		! !
! !	Ship from Stock & Debit Claim	! !
! !	<-----	! !
! !		! !
! !	Ship from Stock & Debit Claim	! !
! !	Response	! !
! !	----->	! !
! !		! !
! !	Credit Note	! !
! !	----->	! !
! !		! !
! !	Authorisation Status	! !
! !	----->	! !
+-----+		+-----+

## 2. Description of the Ship from Stock & Debit business scenario

### 2.1 Stocking of Goods and Stock Protection

The distributor purchases the goods with the manufacturer for stocking purposes at a fixed price. These prices are fixed for a certain period of time e.g. prices are fixed per quarter. This purchase price is commonly referred to as 'distributor cost' or 'catalogue price'.

When the manufacturer decides to change his price, the following process is applied: Based on the distributor's inventory level at the time of the price change, the manufacturer can calculate the difference in value of the stock affected by the price change.

When, as in the majority of the cases, the prices of electronics components go down, the manufacturer will credit the distributor's account for the difference in value of his stock.

There are variances in the stock protection mechanism from one manufacturer to another. The exact conditions can usually be found in the franchise agreement. There are other implications to this stock protection mechanism e.g. stock return, which are not part of this scenario.

### 2.2 Request of a New Buy Price

The primary purpose for a distributor to have stock, is to sell the goods to his customers, referred to as the 'end-customers'.

Very often, the market price will have changed since the distributor bought the goods from a manufacturer which prevents the distributor from making a healthy margin. For this purpose, manufacturers introduced the 'Ship from Stock & Debit' scenario.

When a distributor has a business opportunity with an end-customer, he will inform the manufacturer of the business opportunity with a 'request for quote'.

The distributor will get a response from the manufacturer to his proposal - the 'quote'. In this quote, the manufacturer will propose a 'new buy price'. This 'new buy price' is only valid for the authorised quantity and the end-customer specified in the quote.

Based on this quote, the distributor can make a final offer to his end-customer. When the end-customer accepts the deal, which results in an order from the end-customer to the distributor, the distributor will inform the manufacturer of this deal, by phone, fax or EDI - 'request for authorisation'. The manufacturer will give the distributor a final authorisation to ship the goods and claim back the difference between the 'distributor cost' and the 'new buy price'. Besides the 'new buy price', the 'authorised quantity' and the 'end-customer', an 'expiry date' is always attached to the 'authorisation'.

Not all manufacturers require a 'four step' negotiation process. The process can be reduced to a 'three step' process if the first offer to the distributor already contains a conditional authorisation number.

### 2.3 Shipping to the End-customer / Claiming from the Manufacturer

Independent of how many steps the bid/offer process takes, it is only when the distributor starts shipping the goods to his end-customer that he can claim the difference between the 'distributor cost' and the 'new buy price' from the manufacturer.

The frequency at which a distributor makes a claim to the manufacturer differs. Some manufacturers allow the distributor to claim when the shipping event occurs, others ask the distributor to accumulate and transmit the claims on a fixed interval period e.g. weekly or monthly.

The manufacturer will receive the claim and process it against the distributor's 'open' authorisations. Not all claims are accepted based on the conditions stated in the claim. It is even possible that some claims are rejected.

The manufacturer will inform the distributor of the processing result of every claim. Finally the manufacturer will issue a credit note to the distributor and credit the distributor's account.

## 2.4 Where does the Ship from Stock & Debit Claim Response fit in this scenario?

This message is designed to allow a manufacturer to respond to a distributor's Ship from Stock & Debit Claim message.

The manufacturer can respond to one claim with one or multiple response messages. However, a response message may only respond to one claim.

One line item in the claim can only generate one line item in the response. The manufacturer can indicate one of the following actions as to the requested claim line item:

- Accepted without amendment:  
The line item of the claim is entirely accepted by the seller.
- Accepted with amendment:  
The line item of the claim is accepted but amended by the seller.
- Not accepted:  
The line item of the claim is not accepted by the seller.

It is mandatory to specify the distributor claim number in the header of every response and the distributor claim line item reference number in the detail section.

The manufacturer can optionally specify a credit note number in the response message. If the reference is made at header level, the credit note number covers all accepted line items. Alternatively the credit note number can also be specified at detail level.

This message is used in conjunction with the Ship from Stock & Debit Claim message.

## **REFERENCES**

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

- 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](http://www.unece.org/trade/facil/tf_rec_h.htm)

EDIFICE

- Standards for Documentation of the EDIFICE Implementation Guidelines  
Issue : 3  
Date : 1997-09-24
- EDIFICE Utilisation of the UN/EDIFACT Service Segments  
Issue : 3  
Date : 1997-09-24



## 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

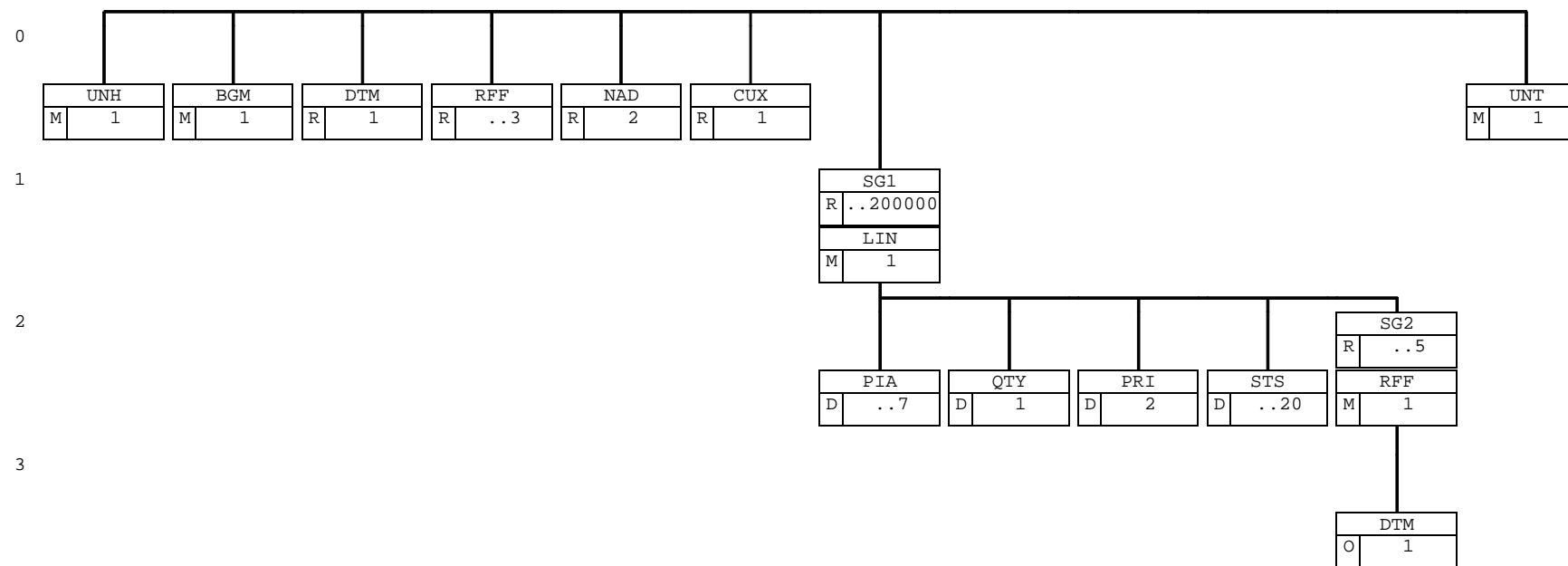
EDIFICE recommends that where there are significant decimals, these are explicitly stated using a decimal mark in a character position. Similarly the minus sign should be used to explicitly state a negative value.

Consistent use of the date/time/period format should be adhered to throughout the entire message. EDIFICE recommends only to use the 'CCYYMMDD' format.

## MESSAGE STRUCTURE CHART

	UNH	MESSAGE HEADER	M1
	BGM	BEGINNING OF MESSAGE	M1
	DTM	DATE/TIME/PERIOD	R1
	RFF	REFERENCE	R..3
	NAD	NAME AND ADDRESS	R2
	CUX	CURRENCIES	R1
	SG1		R..200000
	LIN	LINE ITEM	M1
	PIA	ADDITIONAL PRODUCT ID	D..7
	QTY	QUANTITY	D1
	PRI	PRICE DETAILS	D2
	STS	STATUS	D..20
	SG2		R..5
	RFF	REFERENCE	M1
	DTM	DATE/TIME/PERIOD	O1
	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.  
Usage    : R1

---

### **RFF      REFERENCE**

---

Function: A segment specifying the buyer's ship from stock & debit claim number and other references, valid for the whole message.  
Usage    : R..3

---

### **NAD      NAME AND ADDRESS**

---

Function: A segment identifying the function and coded identification, name and address of a party involved.  
Usage    : R2

---

### **CUX      CURRENCIES**

---

Function: A segment specifying the order currency.  
Usage    : R1

---

### **SG1      LIN-PIA-QTY-PRI-ST-SG2**

---

Function: A group of segments providing details of the individual items i.e. claim line items responded to, including the reasons for rejection.  
Usage    : R..200000  
Notes    : The PIA segment is dependent on whether the primary reference to the document line item is insufficient to identify the item.  
           The QTY segment should only be sent when the line item is accepted with or without amendments.  
           The PRI segments should only be sent when the line item is accepted with or without amendments. Both the catalogue and new buy prices must be specified and are the ones held by the seller.  
           The STS segment should be sent when the line item is rejected.

---

### **LIN      LINE ITEM**

---

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

---

### **PIA      ADDITIONAL PRODUCT ID**

---

Function: A segment providing additional identification numbers for the line item.  
Usage    : D..7

---

### **QTY      QUANTITY**

---

Function: A segment specifying the credited or debited quantity for the line item.

Usage : D1

---

**PRI PRICE DETAILS**

---

Function: A segment specifying the line item price, and qualifying information.  
Usage : D2

---

**STS STATUS**

---

Function: A segment identifying the reason for the line item rejection.  
Usage : D..20

---

**SG2 RFF-DTM**

---

Function: A group of segments specifying references for the line item.  
Usage : R..5  
Notes :

---

**RFF REFERENCE**

---

Function: A segment specifying the line item reference number, and other relevant references.  
Usage : M1

---

**DTM DATE/TIME/PERIOD**

---

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

---

**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	SSDRSP
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	SSR = Ship from Stock & Debit Claim Response Use this code until UN/EDIFACT makes one 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	Response number
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.

Usage    : R1

Notes    :

Ref.	Rep.	Name	EDIFICE Utilisation	
C507		M   DATE/TIME/PERIOD	M	
2005	an..3	M   Date/time/period qualifier	M	137 = Document/message date/time Date when the document is created
2380	an..35	C   Date/time/period	R	Claim response date
2379	an..3	C   Date/time/period format qualifier	R	101 = YYMMDD 102 = CCYYMMDD 203 = CCYYMMDDHHMM

**RFF REFERENCE**

Function: A segment specifying the buyer's ship from stock & debit claim number and other references, valid for the whole message.

Usage : R..3

Notes : It is required to specify the ship from stock & debit claim number.  
If the credit and/or debit note number are given at detail level, they must not appear here.

Ref.	Rep.	Name	EDIFICE Utilisation	
C506		M REFERENCE	M	
1153	an..3	M Reference qualifier	M	SSC = Ship from stock & debit claim number Use this code until UN/EDIFACT makes one available. CD = Credit note number Seller's assigned credit note number. DL = Debit note number Seller's assigned debit note number.
1154	an..35	C Reference number	R	
1156	an..6	C Line number	N	
4000	an..35	C Reference version number	N	

**NAD NAME AND ADDRESS**

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

Usage : R2

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 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

**CUX CURRENCIES**

Function: A segment specifying the order currency.

Usage : R1

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	9 = Order currency
6348	n..4	C Currency rate base	N	Currency used between buyer and seller.
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	

SG1 LIN-PIA-QTY-PRI-STS-SG2

**LIN LINE ITEM**

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

Usage : M1

Notes : This segment specifies whether the claim line item was accepted or not.

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	5 = Accepted without amendment 6 = Accepted with amendment 7 = Not accepted
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 DI = Distributor's part number Use this code until UN/EDIFACT makes one available EN = International Article Numbering Association (EAN) MF = Manufacturer's (producer's) article number 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) 89 = Assigned by distributor 90 = Assigned by manufacturer 91 = Assigned by seller or seller's agent 92 = Assigned by buyer or buyer's agent 113 = US, UCC (Uniform Code Council)
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	

SG1 LIN-PIA-QTY-PRI-STS-SG2

**PIA ADDITIONAL PRODUCT ID**

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

Usage : D..7

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 DI = Distributor's part number Use this code until UN/EDIFACT makes one available EN = International Article Numbering Association (EAN) MF = Manufacturer's (producer's) article number 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) 89 = Assigned by distributor 90 = Assigned by manufacturer 91 = Assigned by seller or seller's agent 92 = Assigned by buyer or buyer's agent 113 = US, UCC (Uniform Code Council) As for first CO C212
C212		C ITEM NUMBER IDENTIFICATION	O	
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	

SG1 LIN-PIA-QTY-PRI-STS-SG2

**QTY QUANTITY**

Function: A segment specifying the credited or debited quantity for the line item.

Usage : D1

Notes : An invoice from the buyer to the end-customer results in a credited quantity in the response.

A credit note from the buyer to the end-customer results in a debited quantity in the response.

Ref.	Rep.	Name	EDIFICE Utilisation	
C186		M QUANTITY DETAILS	M	
6063	an..3	M Quantity qualifier	M	QCR = Quantity credited Credit to be made to buyer QDB = Quantity debited Debit to be made to buyer Use these codes until UN/EDIFACT makes codes available.
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.

SG1 LIN-PIA-QTY-PRI-STS-SG2

**PRI PRICE DETAILS**

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

Usage : D2

Notes :

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 seller. Use this code until UN/EDIFACT makes one 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	



SG1 LIN-PIA-QTY-PRI-STSG2

**STS STATUS**

Function: A segment identifying the reason for the line item rejection.

Usage : D..20

Notes : Several reject reason codes can be specified for one rejected line item.

Ref.	Rep.	Name	EDIFICE Utilisation	
C601		C STATUS TYPE	R	
9015	an..3	M Status type, coded	M	T = Trade Use this code until UN/EDIFACT makes one available.
1131	an..3	C Code list qualifier	N	
3055	an..3	C Code list responsible agency, coded	N	
C555		C STATUS EVENT	N	
9011	an..3	M Status event, coded		
1131	an..3	C Code list qualifier		
3055	an..3	C Code list responsible agency, coded		
9010	an..35	C Status event		
C556		C STATUS REASON	R	
9013	an..3	M Status reason, coded	M	AAA = Invalid authorisation number AAB = Authorisation expired AAC = Product not on authorisation AAD = Invalid ship quantity AAE = Invalid end-customer code AAF = Invalid ship date Invoice or Credit note date AAG = Duplicate claim AAH = Quantity fulfilled AAI = Resale-at-cost higher than disti-cost AAJ = Invalid distributor cost AAK = Invalid resale-to-trade AAL = Invalid resale-at-cost AAM = Authorisation on hold AAN = Below minimum claim quantity or price level AAO = Invalid authorisation line number reference AAP = Invalid currency code for resale-at-cost and DC AAQ = Invalid currency for resale-to-trade AAR = Invalid invoice AXX = Other reject code  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	
9012	an..35	C Status reason	N	
C556		C STATUS REASON	D	As for first CO C556
9013	an..3	M Status reason, coded	M	
1131	an..3	C Code list qualifier	N	
3055	an..3	C Code list responsible agency, coded	N	
9012	an..35	C Status reason	N	
C556		C STATUS REASON	D	As for first CO C556
9013	an..3	M Status reason, coded	M	
1131	an..3	C Code list qualifier	N	
3055	an..3	C Code list responsible agency, coded	N	
9012	an..35	C Status reason	N	
C556		C STATUS REASON	D	As for first CO C556
9013	an..3	M Status reason, coded	M	
1131	an..3	C Code list qualifier	N	

Ref.	Rep.	Name	EDIFICE Utilisation	
3055	an..3	C Code list responsible agency, coded	N	As for first CO C556
9012	an..35	C Status reason	N	
C556		C STATUS REASON	D	
9013	an..3	M Status reason, coded	M	
1131	an..3	C Code list qualifier	N	
3055	an..3	C Code list responsible agency, coded	N	
9012	an..35	C Status reason	N	

## SG2 RFF-DTM

**RFF REFERENCE**

Function: A segment specifying the line item reference number, and other relevant references.

Usage : M1

Notes : It is required to send an RFF segment specifying a line item reference number.  
If the credit note number and/or debit note number are given at header level, they should not appear here.

Ref.	Rep.	Name	EDIFICE Utilisation	
C506	M	REFERENCE	M	
1153	an..3	M Reference qualifier	M	AGO = Sender's reference to the original message Invoice or credit note number specified by the buyer. DE 1154 = (R) DE 1156 = (O) AU = Authorization to meet competition No. DE 1154 = (R) DE 1156 = (O) CD = Credit note number Seller's assigned credit note number. DE 1154 = (R) DE 1156 = (O) DL = Debit note number Seller's assigned debit note number. DE 1154 = (R) DE 1156 = (O) LI = Line item reference number Claim line item reference number. DE 1154 = (N) DE 1156 = (R)
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	

**SG2 RFF-DTM****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	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	101 = YYMMDD 102 = CCYYMMDD 203 = CCYYMMDDHHMM

**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**

Line item 1: accepted without amendment  
Line item 2: not accepted

UNH+1+SSDRSP:D:97A:ED:EDSR02'  
BGM+SSR+110123+9'  
DTM+137:20000502:102'  
RFF+SSC:4938'  
NAD+BY+BUYERCODE::92'  
NAD+SE+SELLERCODE::91'  
CUX+2:DEM:9'  
LIN+1+5+PRODCODE1:VP::91'  
QTY+QCR:1000:PCE'  
PRI+AAA:1.80:CA::1:PCE'  
PRI+AAA:1.00:NBP::1:PCE'  
RFF+LI::25'  
RFF+AGO:INVNUMBER1'  
DTM+137:20000420:102'  
LIN+2+7+PRODCODE2:VP::91'  
STS+T++AAB+AAH'  
RFF+LI::26'  
RFF+AGO:INVNUMBER1'  
DTM+137:20000420:102'  
UNT+20+1'