



The Global Network for B2B Integration in High Tech Industries

## **EDIFICE Message Implementation Guideline Ship from Stock & Debit Claim**

### **SSDCLM Issue EDSC10**

**Tabled for endorsement on 14 June 2011**

**To be proposed as UN/EDIFACT Standard Message**

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## **COMPARISON TO PREVIOUS ISSUE**

### **Issue EDSC10 of 1 June 2011: Upgrade to UN/EDIFACT Directory D.10A**

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=CCYMMDDHHMMZZZZ (*) X04=CCYMMDDHHMMSSZZZZ (*)	205=CCYMMDDHHMMZHHMM Removed
SG3-LIN/PIA-C212-7143	DI=Distributor's part number	SSS=Distributor's article identifier
SG3-RFF		Occurrence increased to 10 AAK= Despatch advice number ACD= Additional reference number ACT= Unique claims reference number of the sender ON= Order document identifier, buyer assigned

### **Issue EDSC06 of 26 May 2010**

- Inclusion of SG4-NAD at the end of SG3  
Reason is to align with the Sales Report SLSRPT to allow specifying End-Customer information

### **Issue EDSC05 of August 2008**

- Upgrade to UN/EDIFACT Directory D.08A – CI08.A
- Addition of CUX segment on line level

Data Element Format changes:

- \* 1131 Code List Identification Code \* Format:'an..3' ---> 'an..17'
- \* 1154 Reference Identifier \* Format:'an..35' ---> 'an..70'
- \* 3251 Postal Identification Code \* Format:'an..9' ---> 'an..17'
- \* 6060 Quantity \* Format:'n..15' ---> 'an..35'
- \* 6411 Measurement unit code \* Format:'an..3' ---> 'an..8'

### **Issue EDSC04 of 1 June 2005:**

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

### **12 May 2004 : EDIFIX 5.0 Technical Upgrade**

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

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

Issue EDSC03 of 13 November 2002 is based on UN/EDIFACT D97.A / Code List D01.A

- Addition of the following code values:
  - o SG3, LIN segment, CO C212, DE 7143 code 'SRV' EAN.UCC Global Trade Item Number
  - o SG3, PIA segment, CO C212, DE 7143 code 'SRV' EAN.UCC Global Trade Item Number
  - o SG3, RFF segment, CO C506, DE 1153 code 'DW' Design Win  
'IV' Invoice number
- Usage of SG3 RFF changed from R..3 to R..5

Issue EDSC02 of 29 May 2002 – recommended set of DTM qialifiers

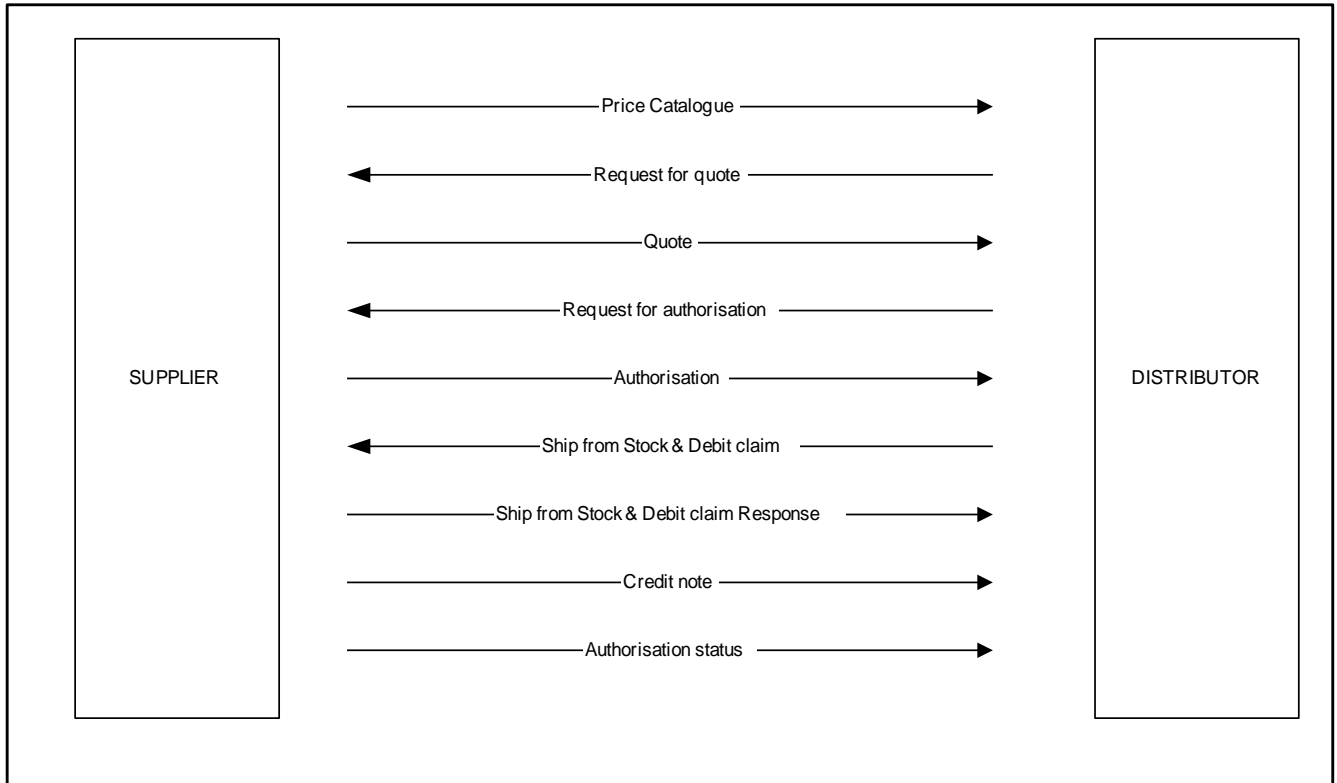
Issue EDSC02 includes the changes that have been made to the issue 1 of the Ship from Stock & Debit Claim document endorsed by the EDIFICE Plenary on 7 September 1994. The changes are as follows:

- 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' CCYMMDDHHMM
  - header NAD segment, DE 3055, code '16' DUNS (Dun & Bradstreet)
  - SG1, NAD segment, CO C082, DE 3055 codes '9' EAN (International Article Numbering association)
    - '16' DUNS (Dun & Bradstreet)
    - '92' Assigned by buyer or buyer's agent
  - SG3, LIN segment, CO C212, DE 7143 codes 'DI' Distributor's part number
    - 'MF' Manufacturer's (producer's) article number
    - 'UP' UPC (Universal product code)
  - SG3, LIN segment, CO C212, DE 3055 codes '89' Assigned by distributor
    - '90' Assigned by manufacturer
    - '113'US, UCC (Uniform Code Council)
  - SG3, PIA segment, CO C212, DE 7143 codes 'DI' Distributor's part number
    - 'MF' Manufacturer's (producer's) article number
    - 'UP' UPC (Universal product code)
  - SG3, PIA segment, CO C212, DE 3055 codes '89' Assigned by distributor
    - '90' Assigned by manufacturer
    - '113'US, UCC (Uniform Code Council)
  - SG3, PRI segment, CO C509, DE 5125, code 'AAA' Calculation net,
- Deletion of the following code values:
  - SG3, 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
  - SG3, PRI segment, CO C509, DE 5125, codes 'CAT' Catalogue price
    - 'NBP' New buy price
    - 'RES' Resale price,
- Replacement of the following codes:
  - header DTM segment, CO C507, DE 2005, codes '158' to '90' Report start date
    - '159' to '91' Report end date
  - 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, NAD segment, DE 3035, code 'UD' to 'PC' Actual purchaser's customer
  - SG1, NAD segment, CO C082, DE 3055, code '89' to '92' Assigned by buyer or buyer's agent,
- Usage changed for the following segments/data elements:
  - BGM segment, DE 1225, X to A
  - header NAD segment, CO C082 R to A
  - SG3, QTY segment, R1 to M1
  - SG3, PRI segment, CO C509, DE 5375, X to R
  - SG3, PRI segment, CO C509, DE 5284, X to R,
- 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



### 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 fit in this scenario?

The purpose of this message is to allow the distributor to send his claim to the manufacturer.

The message is designed to carry multiple claim lines, independent of the frequency of the transmissions.

The distributor sends his claim number in the message. This number will be the unique reference in all subsequent messages, e.g. the Ship from Stock and Debit Claim Response and the manufacturer's Credit Note.

Unique identification of claim line items within the message is also necessary. These line item numbers will be used as references in the Ship from Stock and Debit Claim Response message.

## **REFERENCES**

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

## **EXPLANATORY NOTES**

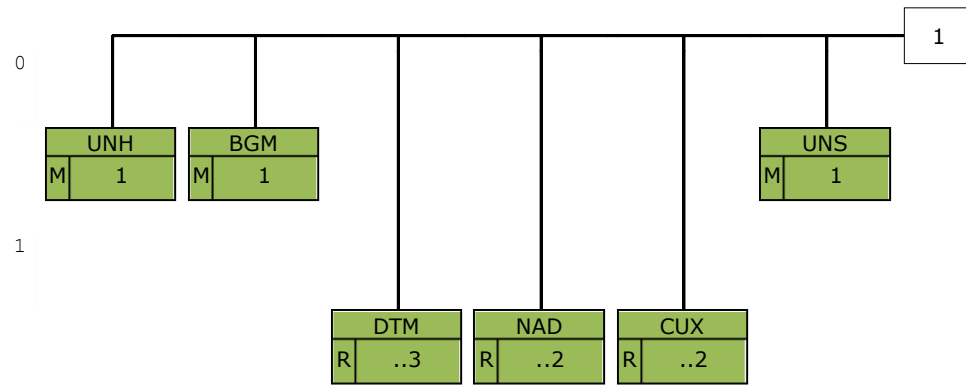
Refer to the document : Explanatory notes for the EDIFICE message guidelines – Issue 1

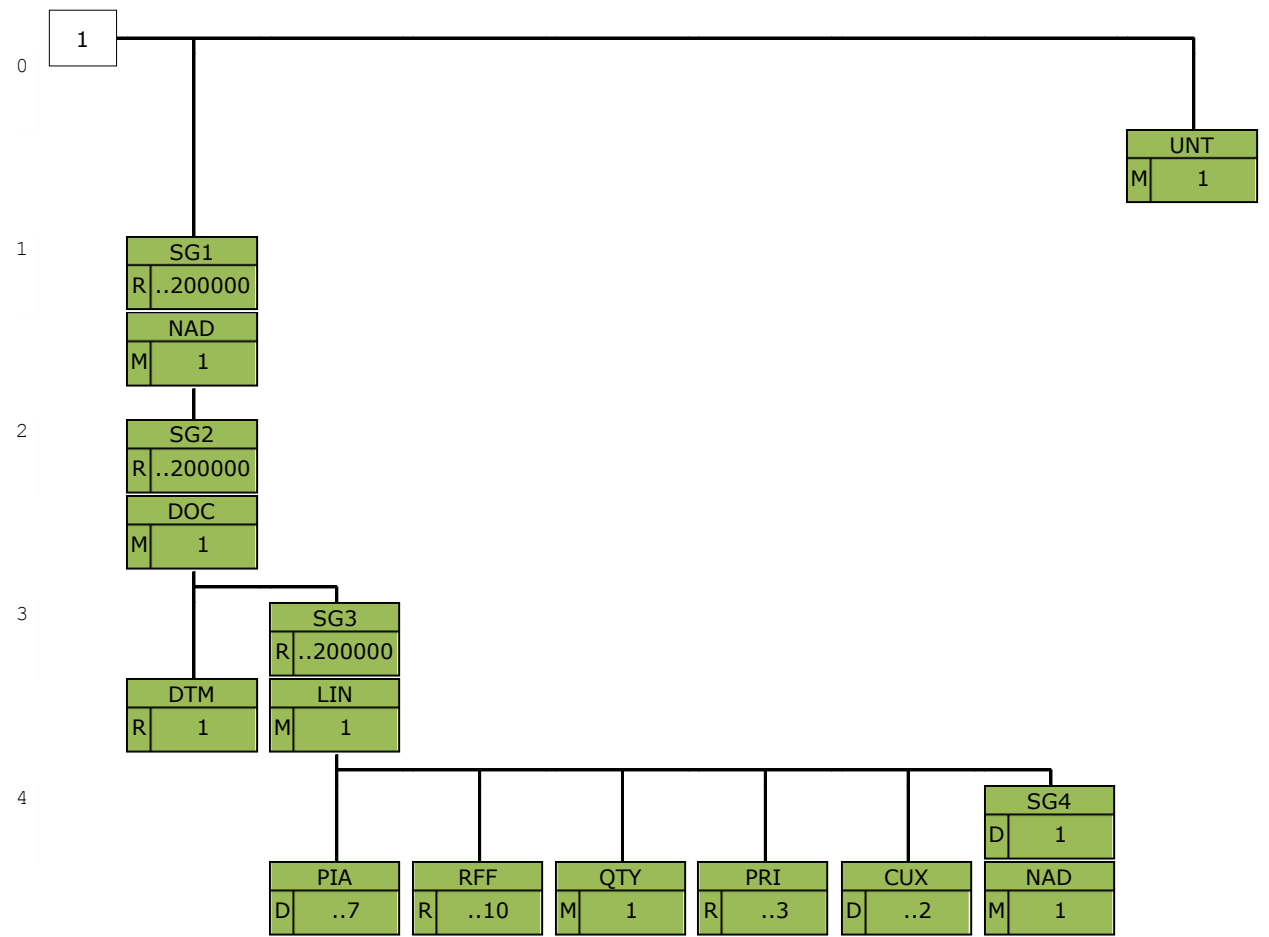
## MESSAGE STRUCTURE CHART

UNH	MESSAGE HEADER	M 1
BGM	BEGINNING OF MESSAGE	M 1
DTM	DATE/TME/PERIOD	R ..3
NAD	NAME & ADDRESS	R ..2
CUX	CURRENCIES	R ..2
UNS	SECTION CONTROL	M 1
SG1		R ..200000
NAD	NAME and ADDRESS	M 1
SG2		R ..200000
DOC	Document	M 1
DTM	DATE/TIME/PERIOD	R 1
SG3		R ..200000
LIN	Line Item	M 1
PIA	Additional Product id	D ..7
RFF	Reference	R ..10
QTY	Quantity	M 1
PRI	Price	R ..3
CUX	Currencies	D ..2
SG4		D 1
NAD	Name and Address	M 1
UNT	MESSAGE TRAILER	M 1



## BRANCHING DIAGRAM





## **SEGMENT DESCRIPTION**

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### **UNH    Message header**

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

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### **BGM    Beginning of message**

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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/times relevant to the 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: R..2

---

### **CUX    Currencies**

---

Function: A segment specifying a currency, valid for the whole message.  
Usage: R..2

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### **UNS    Section control**

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Function: A segment to separate header from detail section  
Usage: M1

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### **SG1    NAD-SG2**

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Function: A group of segments identifying the buyer's customers and related billing information for which claims are made.  
Usage: R..200000  
Notes:

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### **NAD    Name and address**

---

Function: A segment identifying the function and coded identification, name and address of the end-customer to whom goods were shipped and billed by the buyer.  
Usage: M1

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### **SG2    DOC-DTM-SG3**

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Function: A group of segments providing details of the individual billing documents.  
Usage: R..200000  
Notes:

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### **DOC    Document/message details**

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Function: A segment specifying a document number.  
Usage: M1

---

### **DTM    Date/time/period**

---

Function: A segment specifying the date/time of creation of the reference document.  
Usage: R 1

---

### **SG3    LIN-PIA-RFF-QTY-PRI-CUX-SG4**

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Function: A group of segments providing billing details of the individual line items i.e. line items within the reference document.  
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.

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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

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**PIA**    **Additional product id**

---

Function: A segment providing additional identification numbers.  
Usage: D..7

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**RFF**    **Reference**

---

Function: A segment specifying the line item reference number, and other relevant references.  
Usage: R..10

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**QTY**    **Quantity**

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Function: A segment specifying the quantity claimed.  
Usage: M1

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**PRI**    **Price details**

---

Function: A segment specifying the line item price and qualifying information.  
Usage: R..3

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**CUX**    **Currencies**

---

Function: A segment specifying a currency for all prices.  
Usage: D..2

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**SG4**    **NAD**

---

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

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**NAD**    **Name and address**

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

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**UNT**    **Message trailer**

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

## 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>SSDCLM</b> = Ship from Stock & Debit claim <b>D</b> = Draft version/UN/EDIFACT Directory <b>10A</b> = Release 2010 - A <b>ED</b> = EDIFICE (Electronic industries project) <b>EDSC10</b> = Ship from stock & Debit claim message Issue EDSC10
0052	an..3	M Message version number	M	
0054	an..3	M Message release number	M	
0051	an..3	M Controlling agency, coded	M	
0057	an..6	C Association assigned code	R	
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	
1001	an..3	C Document name code	R	<b>SSC</b> = Ship from Stock & Debit Claim (*) (*) EDIFICE code
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	Claim number Usually the buyer's debit note number
1056	an..9	C Version identifier	N	
1060	an..6	C Revision identifier	N	
1225	an..3	C MESSAGE FUNCTION CODE	A	<b>9</b> = Original
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/times relevant to the message.

Usage : R..3

Notes : It is required to specify the date/time of creation of the message.

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>137</b> = Document issue date time <b>90</b> = Report start date <b>91</b> = Report end date
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=CCYMMDDHHMMZZZZZ</i> <b>303</b> = CCYMMDDHHMMZZZ <i>ZZZ = Time zone</i> <b>304</b> = CCYMMDDHHMMSSZZZ <i>ZZZ = Time zone</i>

## NAD Name and address

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

Usage : R..2

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.

The NAD segment that identifies the buyer must be present.

Ref.	Rep.	Name		EDIFICE Utilisation
3035	an..3	M PARTY FUNCTION CODE QUALIFIER	M	<b>BY</b> = Buyer <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	
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



## CUX Currencies

Function: A segment specifying a currency, valid for the whole message.

Usage : R..2

Notes : A CUX segment specifying the order currency must be present.

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
				<b>9</b> = Order currency
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	

**UNS Section control**

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Function: A segment to separate header from detail section

Usage : M1

Notes :

Ref.	Rep.	Name		EDIFICE Utilisation
0081	a1	M SECTION IDENTIFICATION	M	<b>D</b> = Header/detail section separation

**SG1 NAD-SG2**

**NAD Name and address**

Function: A segment identifying the function and coded identification, name and address of the end-customer to whom goods were shipped and billed by the buyer.

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>PC</b> = Actual purchaser's customer  End-customer 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	
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

**SG2 DOC-DTM-SG3**

**DOC Document/message details**

Function: A segment specifying a document number.

Usage : M1

Notes : Specifies the invoice or credit note between the buyer and the end-customer.

Ref.	Rep.	Name		EDIFICE Utilisation
C002		M DOCUMENT/MESSAGE NAME	M	
1001	an..3	C Document name code	R	<b>380</b> = Commercial invoice Invoice from the buyer to his end-customer. <b>381</b> = Credit note Credit note from the buyer to his end-customer.
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	R	
1004	an..70	C Document identifier	R	
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	

**SG2 DOC-DTM-SG3****DTM Date/time/period**

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

Usage : R 1

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>137</b> = Document issue date time Date when the document is created
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=CCYYMMDDHHMMZZZZZ</i> <b>303</b> = CCYYMMDDHHMMZZZ <i>ZZZ = Time zone</i> <b>304</b> = CCYYMMDDHHMMSSZZZ <i>ZZZ = Time zone</i>

**SG3 LIN-PIA-RFF-QTY-PRI-CUX-SG4**

**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.  Article number <b>BP</b> = Buyer's part number <b>EN</b> = International Article Numbering Association (EAN) <b>MF</b> = Manufacturer's (producer's) article number <b>SRV</b> = EAN.UCC Global Trade Item Number <b>SSS</b> = Distributor's article identifier <i>Replaces EDIFICE code DI=Distributor's part number</i> <b>UP</b> = UPC (Universal product code) <b>VP</b> = Vendor's (seller's) part number  <b>9</b> = GS1 <b>89</b> = Assigned by distributor <b>90</b> = Assigned by manufacturer <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
1229	an..3	C ACTION CODE	N	
C212		C ITEM NUMBER IDENTIFICATION	R	
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	
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	

**SG3 LIN-PIA-RFF-QTY-PRI-CUX-SG4**

**PIA Additional product id**

Function: A segment providing additional identification numbers.

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 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>MF</b> = Manufacturer's (producer's) article number <b>SRV</b> = EAN.UCC Global Trade Item Number <b>SSS</b> = Distributor's article identifier <i>Replaces EDIFICE code DI=Distributor's part number</i> <b>UP</b> = UPC (Universal product code) <b>VP</b> = Vendor's (seller's) part number  <b>9</b> = GS1 <b>89</b> = Assigned by distributor <b>90</b> = Assigned by manufacturer <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
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	
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	

**SG3 LIN-PIA-RFF-QTY-PRI-CUX-SG4**

**RFF Reference**

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

Usage : R..10

Notes : It is required to specify the line item reference number.

Ref.	Rep.	Name		EDIFICE Utilisation
C506		M REFERENCE	M	<b>AAK</b> = Despatch advice number <b>ACD</b> = Additional reference number <b>ACT</b> = Unique claims reference number of the sender <b>AU</b> = Authorization to meet competition number <i>Authorisation/quote number.</i> <i>DE 1154: authorisation number (R)</i> <i>DE 1156: authorisation line number (O)</i> <b>DM</b> = Document identifier <i>Used to specify the line number of the invoice or credit note</i> <i>DE 1154: (N)</i> <i>DE 1156: invoice or credit note line number (R)</i> <b>DW</b> = Design win (*) <b>IV</b> = Invoice document identifier <i>To be used only if DE 1001 in DOC = '381'</i> <b>LI</b> = Document line identifier <i>Line item reference number that can be referenced in the Ship from Stock &amp; Debit Response message.</i> <i>DE 1154: (N)</i> <i>DE 1156: (R)</i> <b>ON</b> = Order document identifier, buyer assigned (*) EDIFICE code
1153	an..3	M Reference code qualifier	M	
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	



**SG3 LIN-PIA-RFF-QTY-PRI-CUX-SG4**

**QTY Quantity**

Function: A segment specifying the quantity claimed.

Usage : M1

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
6060	an..35	M Quantity	M	Line item quantity claimed
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.

**SG3 LIN-PIA-RFF-QTY-PRI-CUX-SG4**

**PRI Price details**

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

Usage : R..3

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

Resale price is specified with the invoicing currency.

It is required to specify the catalogue price and the new buy price, held by the buyer.

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>NBP</b> = New buy price (*) Re-negotiated buy price between the buyer and seller.
				<b>RES</b> = Resale price (*) Price used between the buyer and the end-customer.
				(*) EDIFICE code
5387	an..3	C Price specification code	N	
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'
				(*) EDIFICE code Other codes should be previously agreed between trading partners.
5213	an..3	C SUB-LINE ITEM PRICE CHANGE OPERATION CODE	N	

**SG3 LIN-PIA-RFF-QTY-PRI-CUX-SG4**

**CUX Currencies**

Function: A segment specifying a currency for all prices.

Usage : D..2

Notes : Only used if the currency on line level is different from the currency specified on header level.

Ref.	Rep.	Name		EDIFICE Utilisation
C504		C CURRENCY DETAILS	C	
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	

**SG4 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	D	
3229	an..9	C Country subdivision identifier	M	
1131	an..17	C Code list identification code	O	
3055	an..3	C Code list responsible agency code	O	
3228	an..70	C Country subdivision name	O	
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**

A normal claim with two documents, each with two line items.

UNB+UNOW:4+234567890:1:X+198765432:1:X+971201:1924+66+X:AA+SSDCLM++1+X+1'

UNH+1+SSDCLM:D:10A:ED:EDSC10'

BGM+SSC+4938+9'  
DTM+137:20100501:102'  
NAD+BY+BUYERCODE::92'  
CUX+2:EUR:9'  
UNS+D'  
NAD+PC+ENDCUSTCODE::91'

DOC+380+INVNUMBER1'  
DTM+137:20100420:102'

LIN+1++PRODCODE1:VP::91'  
RFF+LI::25'  
RFF+AU:AUTNUM1:1'  
QTY+1:1000:PCE'  
PRI+AAA:1.80:CA::1:PCE'  
PRI+AAA:1.00:NBP::1:PCE'

LIN+2++PRODCODE2:VP::91'  
RFF+LI::26'  
RFF+AU:AUTNUM1:2'  
QTY+1:2000:PCE'  
PRI+AAA:1.80:CA::1:PCE'  
PRI+AAA:1.00:NBP::1:PCE'

DOC+380+INVNUMBER2'  
DTM+137:20100421:102'

LIN+3++PRODCODE1:VP::91'  
RFF+LI::27'  
RFF+AU:AUTNUM1:1'  
QTY+1:2000:PCE'  
PRI+AAA:1.80:CA::1:PCE'  
PRI+AAA:1.00:NBP::1:PCE'

LIN+4++PRODCODE2:VP::91'  
RFF+LI::28'  
RFF+AU:AUTNUM1:2'  
QTY+1:500:PCE'  
PRI+AAA:1.80:CA::1:PCE'  
PRI+AAA:1.00:NBP::1:PCE'

UNT+36+1'

UNZ+1+66'